



TECHNICAL CATALOGUE



ABOUT US

With a rich legacy spanning over 70 years, Alliance is a leading name in the off-highway tire sector. Through continuous innovation and advanced research, Alliance has been consistently offering top-tier products engineered to optimize productivity across applications. With state-of-the-art manufacturing facilities and robust research capabilities, Alliance has earned the reputation of offering a comprehensive value-driven portfolio of agricultural tires catering to diverse needs, making it the preferred choice of customers worldwide.

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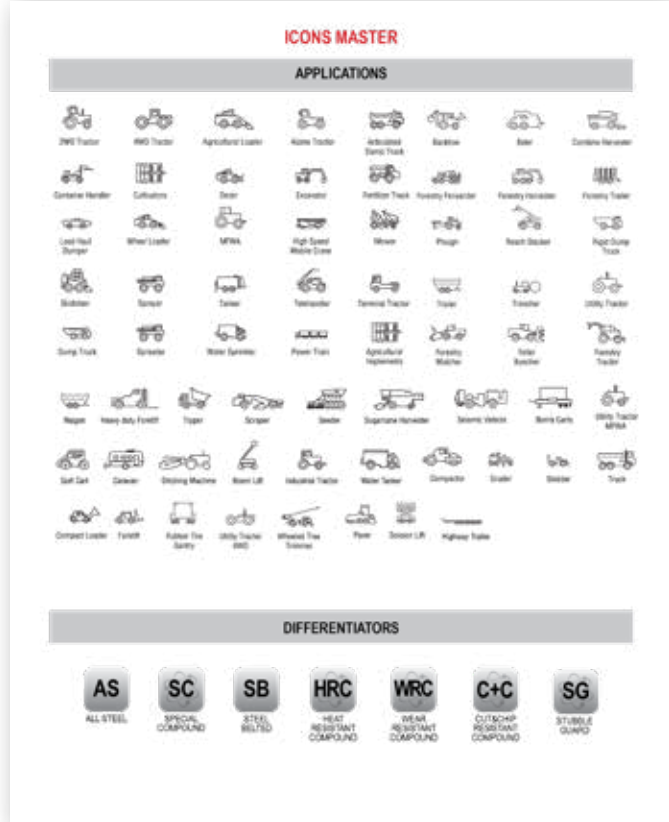
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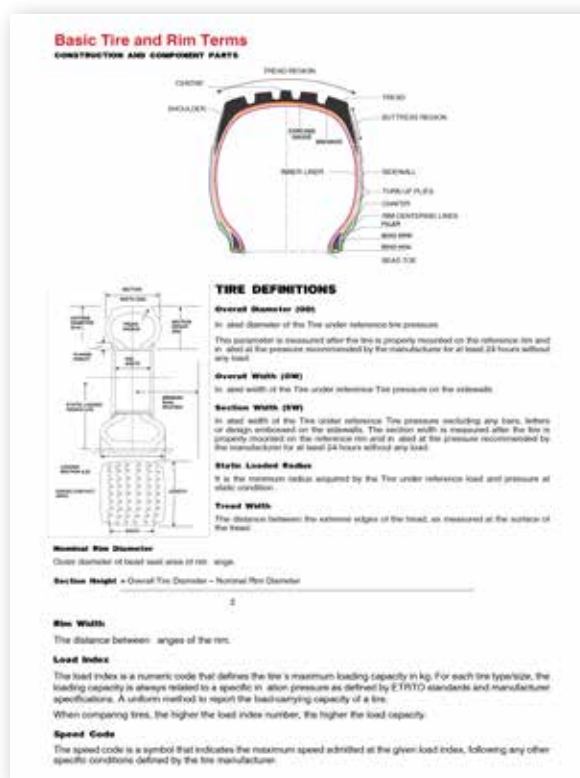
HOW TO READ THIS BOOK

Application icons

Collection of all the icons used in the book



Basic tire related technical information



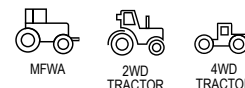
AGRICULTURE



TRACTOR



RADIAL TRACTOR



AGRI STAR II

R-1W



The high speed rated AGRI STAR II comes with a Stratified Layer technology (SLT) - a unique combination of two layers: The top layer with a single angle profile and bottom layer with a multi-angle profile. After 40% wear of the tire, bottom layer of the lug comes in contact with the ground which leads to increased contact area at the central portion. This leads to better roadability and performance of the tire. The increased amount of rubber volume in AGRI STAR II enhances its stiffness that results in better wear resistance.



TRACTOR R-1W

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		Tractor application															
		SW mm in	OD mm in	mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 34	65 40	70 43		
320/85R20 (12.4R20)	W11 DW10	333	1055	480	3108	119D	1.6	3128	2040	1612	1564	1489	1428	1380	1360	1238	
		13.1	41.5	18.9	122.4		23	6900	4500	3550	3450	3280	3150	3040	3000	2730	
360/70R20	W11	360	1046	473	3079	129D	2.4	4255	2775	2192	2128	2026	1943	-	1850	-	
		14.2	41.2	18.6	121.2		35	9380	6120	4830	4690	4470	4280	-	4080	-	
380/70R20	W12 W11 W13	382	1086	493	3169	122D	1.6	3450	2250	1778	1725	1643	1575	-	1500	-	
		15	42.8	19.4	124.8		23	7610	4960	3920	3800	3620	3470	-	3310	-	
440/65R20	W14L W13L W15L	441	1080	488	3242	138D	2.4	5428	3540	2903	2714	2584	2478	2395	2360	2148	
		17.4	42.5	19.2	127.6		35	11970	7800	6400	5980	5700	5460	5280	5200	4740	
250/85R24	W8 W7 W9	248	1035	477	3065	109D	1.6	2369	1545	1221	1185	1128	1082	-	1030	937	
		9.8	40.7	18.8	120.7		23	5220	3410	2690	2610	2490	2390	-	2270	2070	
280/85R24	W10 W9	302	1090	502	3252	115D	1.6	2795	1823	1440	1397	1330	1276	-	1215	-	
		11.9	42.9	19.8	128		23	6160	4020	3180	3080	2930	2810	-	2680	-	
320/70R24	W10	322	1098	508	3236	116D	1.6	2875	1875	1481	1438	1369	1313	-	1250	-	
		12.7	43.2	20	127.4		23	6340	4130	3270	3170	3020	2900	-	2760	-	
320/85R24	W11	333	1156	527	3404	122D	1.6	3450	2250	1778	1725	1643	1575	-	1500	-	
		13.1	45.5	20.7	134		23	7610	4960	3920	3800	3620	3470	-	3310	-	
320/85R24	W11	333	1156	527	3462	142D	4.6	6095	3975	3140	3048	2902	2783	-	2650	-	
		13.1	45.5	20.7	136.3		67	13440	8760	6920	6720	6400	6140	-	5840	-	
340/85R24	W12	355	1192	550	3510	125D	1.6	3795	2475	1955	1898	1807	1733	-	1650	-	
		14	46.9	21.7	138.2		23	8370	5460	4310	4180	3980	3820	-	3640	-	
360/70R24	W11	360	1156	506	3500	122D	1.6	3450	2250	1778	1725	1643	1575	-	1500	-	
		14.2	45.5	19.9	137.8		23	7610	4960	3920	3800	3620	3470	-	3310	-	
380/70R24	W12 W12	385	1194	548	3481	125D	1.6	3795	2475	1955	1898	1807	1733	-	1650	-	
		15.2	47	21.6	137		23	8370	5460	4310	4180	3980	3820	-	3640	-	
380/85R24	W12	385	1260	565	3635	131D	1.6	4485	2925	2311	2243	2135	2048	-	1950	-	
		15.2	49.6	22.2	143.1		23	9890	6450	5100	4950	4710	4520	-	4300	-	
420/65R24	W13 W12 W11	418	1156	532	3503	138D	3.2	5428	3540	2903	2714	2584	2478	2395	2360	2148	
		16.5	45.5	20.9	137.9		46	11970	7800	6400	5980	5700	5460	5280	5200	4740	
420/70R24	W13	425	1250	560	3690	130D	1.6	4370	2850	2252	2185	2081	1995	-	1900	-	
		16.7	49.2	22	145.3		23	9630	6280	4970	4820	4590	4400	-	4190	-	
420/85R24	W15L W14L	443	1328	603.8	3887	137D	1.6	5555	3450	2726	2645	2519	2415	-	2300	-	
		17.4	52.3	23.8	153		23	12250	7610	6010	5830	5550	5320	-	5070	-	
440/65R24	W14L W13 W15L	441	1182	546	3622	135D	2.4	5014	3270	2681	2507	2387	2289	2213	2180	1984	
		17.4	46.5	21.5	142.6		35	11050	7210	5910	5530	5260	5050	4880	4810	4370	
480/65R24	W15L W14L	479	1234	566	3688	140D	2.4	5750	3750	3075	2875	2738	2625	2538	2500	2275	
		18.9	48.6	22.3	145.2		35	12680	8270	6780	6340	6040	5790	5600	5510	5020	
480/70R24	W15L W14L W16L	482	1324	592	3889	138D	1.6	5428	3540	2797	2714	2584	2478	-	2360	-	
		19	52.1	23.3	153.1		23	11970	7800	6170	5980	5700	5460	-	5200	-	
540/65R24	W16L W18L	530	1312	598	3911	146D	2.4	6900	4500	3690	3450	3285	3150	3045	3000	2730	
		20.9	51.7	23.5	154		35	15210	9920	8140	7610	7240	6950	6710	6610	6020	
280/85R28	W10 W9	302	1191	554	3581	118D	1.6	3036	1980	1564	1518	1445	1386	-	1320	-	
		11.9	46.9	21.8	141		23	6690	4370	3450	3350	3190	3060	-	2910	-	
320/85R28	W11	333	1257	582	3737	124D	1.6	3680	2400	1896	1840	1752	1680	-	1600	-	
		13.1	49.5	22.9	147.1		23	8110	5290	4180	4060	3860	3700	-	3530	-	
340/85R28	W12	355	1293	594	3852	127D	1.6	4025	2625	2074	2013	1916	1838	-	1750	-	
		14	50.9	23.4	151.7		23	8870	5790	4570	4440	4220	4050	-	3860	-	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)								
		Speed, km/h (mph)														
		Tractor application														
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 34	65 40	70 43
360/70R28	W11 W10 W12	357	1251	570	3716	125D	1.6	3795	2475	1955	1898	1807	1733	-	1650	1502
		14.1	49.3	22.4	146.3		23	8370	5460	4310	4180	3980	3820	-	3640	3310
380/70R28	W12	385	1295	595	3796	127D	1.6	4025	2625	2074	2013	1916	1838	-	1750	-
		15.2	51	23.4	149.4		23	8870	5790	4570	4440	4220	4050	-	3860	-
380/85R28	W12 W11 W13	385	1360	621	3966	133D	1.6	4740	3090	2440	2370	2260	2160	-	2060	-
		15.2	53.5	24.4	156.1		23	10450	6810	5380	5230	4980	4760	-	4540	-
420/65R28	W13 W12 W11	418	1257	578	3770	135D	2.4	5014	3270	2583	2507	2387	2289	-	2180	1984
		16.5	49.5	22.8	148.4		35	11050	7210	5700	5530	5260	5050	-	4810	4370
420/70R28	W13 W12	425	1354	618	3940	133D	1.6	4738	3090	2441	2369	2256	2163	-	2060	-
		16.7	53.3	24.3	155.1		23	10450	6810	5380	5220	4970	4770	-	4540	-
420/85R28 (16.9R28)	W15L W14L	443	1430	649	4176	139D	1.6	5589	3645	2880	2795	2661	2552	-	2430	-
		17.4	56.3	25.6	164.4		23	12320	8040	6350	6160	5870	5630	-	5360	-
440/65R28	W14L W13 W15L	441	1283	586	3842	138D	2.4	5428	3540	2903	2714	2584	2478	2395	2360	2148
		17.4	50.5	23.1	151.3		35	11970	7800	6400	5980	5700	5460	5280	5200	4740
480/65R28	W15L W14L	479	1335	611	4025	142D	2.4	6095	3975	3260	3048	2902	2783	2690	2650	2412
		18.9	52.6	24.1	158.5		35	13440	8760	7190	6720	6400	6140	5930	5840	5320
480/70R28	W15L	482	1425	643	4220	140D	1.6	5750	3750	2963	2875	2738	2625	-	2500	-
		19	56.1	25.3	166.1		23	12680	8270	6530	6340	6040	5790	-	5510	-
480/70R28	W15L W14L	482	1425	664	4342	151D	3.2	7935	5175	4244	3968	3778	3623	3502	3450	3140
		19	56.1	26.1	170.9		46	17490	11410	9360	8750	8330	7990	7720	7610	6920
540/65R28	W16L W18L	530	1413	644	4190	149D	2.4	7475	4875	3998	3738	3559	3413	3299	3250	2958
		20.9	55.6	25.4	165		35	16480	10750	8810	8240	7850	7520	7270	7170	6520
600/65R28	DW20B W18L	611	1491	676	4448	154D	2.4	8625	5625	4613	4313	4106	3938	3806	3750	3413
		24.1	58.7	26.6	175.1		35	19020	12400	10170	9510	9050	8680	8390	8270	7520
600/70R28	DW20B DW18B W18L	614	1555	709	4652	161D	2.8	10638	6938	5481	5319	5064	4856	-	4625	-
		24.2	61.2	27.9	183.1		41	23450	15300	12080	11730	11160	10710	-	10200	-
380/85R30 (14.9R30)	W12	385	1410	642	4208	135D	1.6	5014	3270	2583	2507	2387	2289	-	2180	-
		15.2	55.5	25.3	165.7		23	11050	7210	5700	5530	5260	5050	-	4810	-
420/70R30	W13 W12 W14L	425	1402	638	4163	134D	1.6	4876	3180	2512	2438	2321	2226	-	2120	-
		16.7	55.2	25.1	163.9		23	10750	7010	5540	5380	5120	4910	-	4670	-
420/85R30	W15L W14L	443	1476	677	4337	140D	1.6	5750	3750	2963	2875	2738	2625	-	2500	-
		17.4	58.1	26.7	170.7		23	12680	8270	6530	6340	6040	5790	-	5510	-
420/90R30	DW13 W13 W14L	418	1518	687	4468	147D	2.4	7073	4613	3644	3536	3367	3229	-	3075	2798
		16.5	59.8	27	175.9		35	15590	10170	8030	7800	7420	7120	-	6780	6170
460/85R30	W16L DW15L	480	1544	685	4575	145D	1.6	6670	4350	3437	3335	3176	3045	-	2900	-
		18.9	60.8	27	180.1		23	14710	9590	7580	7350	7000	6710	-	6390	-
480/70R30	W15L W14L W16L	482	1480	668	4412	141D	1.6	6219	3863	3051	2961	2820	2704	2575	-	-
		19	58.3	26.3	173.7		23	13710	8520	6730	6530	6220	5960	5680	-	-
480/70R30	W15L W16L W14L	482	1480	687	4475	150D	2.8	7705	5025	3970	3853	3668	3518	3350	-	-
		19	58.3	27	176.2		41	16990	11080	8750	8490	8090	7760	7390	-	-
480/70R30	W15L	482	1480	663	4511	156D	3.8	9200	6000	4740	4600	4380	4200	4060	4000	3640
		19	58.3	26.1	177.6		55	20280	13230	10450	10140	9660	9260	8950	8820	8030
520/70R30	W16L W15L W18L	516	1536	689	4496	145D	1.6	6670	4350	3437	3335	3176	3045	-	2900	2639
		20.3	60.5	27.1	177		23	14710	9590	7580	7350	7000	6710	-	6390	5820
540/65R30	W16L W18L	530	1464	673	4431	150D	2.4	7705	5025	4121	3853	3668	3518	3400	3350	3049
		20.9	57.6	26.5	174.4		35	16990	11080	9090	8490	8090	7760	7500	7390	6720
600/70R30	DW20 DW18L	614	1605	717	4809	152D	1.6	8165	5325	4207	4083	3887	3728	-	3550	-
		24.2	63.2	28.2	189.3		23	18000	11740	9280	9000	8570	8220	-	7830	-
320/85R32	W11	333	1359	629	4090	126D	1.6	3910	2550	2015	1955	1862	1785	-	1700	-
		13.1	53.5	24.8	161		23	8620	5620	4440	4310	4110	3940	-	3750	-
320/85R34	W11 W10 W9 DW11	319	1408	654	4186	133D	2.4	4738	3090	2441	2369	2256	2163	-	2060	1875
		12.6	55.4	25.7	164.8		35	10450	6810	5380	5220	4970	4770	-	4540	4130
380/85R34 (14.9R34)	W11 W13	385	1510	699	4513	137D	1.6	5290	3450	2726	2645	2519	2415	-	2300	-
		15.2	59.4	27.5	177.7		23	11660	7610	6010	5830	5550	5320	-	5070	-
420/85R34	W15L DW15L W14L	443	1578	728	4779	147D	2.4	7073	4613	3644	3536	3367	3229	-	3075	-
		17.4	62.1	28.7	188.1		35	15590	10170	8030	7800	7420	7120	-	6780	-
420/85R34	W15L W14L	443	1578	730	4779	142D	1.6	6095	3975	3140	3048	2902	2783	-	2650	-
		17.4	62.1	28.7	188.1		23	13440	8760	6920	6720	6400	6140	-	5840	-

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
								Tractor application									
		SW mm in	OD mm in				bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 34	65 40	70 43	
460/85R34 (18.4R34)	DW16L W16L	480	1646	753	4849	147D	1.6	7073	4613	3644	3536	3367	3229	-	3075	-	
		18.9	64.8	29.6	190.9		23	15590	10170	8030	7800	7420	7120	-	6780	-	
460/85R34	W15L W16L W14L	480	1646	754	4905	157D	3	9488	6188	4888	4744	4517	4331	-	4125	-	
		18.9	64.8	29.7	193.1		44	20920	13640	10780	10460	9960	9550	-	9090	-	
480/70R34	W15L W14L	482	1580	731	4821	155D	3.2	8913	5813	4592	4456	4243	4069	-	3875	-	
		19	62.2	28.8	189.8		46	19650	12820	10120	9820	9350	8970	-	8540	-	
480/70R34	W15L	482	1580	729	4758	143D	1.6	6268	4088	3229	3134	2984	2861	-	2725	-	
		19	62.2	28.7	187.3		23	13820	9010	7120	6910	6580	6310	-	6010	-	
520/70R34	W16L	520	1640	746	4891	148D	1.6	7245	4725	3733	3623	3449	3308	-	3150	-	
		20.5	64.6	29.4	192.6		23	15970	10420	8230	7990	7600	7290	-	6950	-	
520/70R34	W16L W15L W18L	520	1640	763	5087	168D	4.8	12880	8400	6636	6440	6132	5880	-	5600	-	
		20.5	64.6	30	200.3		70	28400	18520	14630	14200	13520	12960	-	12350	-	
540/65R34	W16L W18L	530	1566	720	4782	152D	2.4	8165	5325	4367	4083	3887	3728	3603	3550	3231	
		20.9	61.7	28.3	188.3		35	18000	11740	9630	9000	8570	8220	7940	7830	7120	
540/65R34	W16L W18L	530	1566	711	4715	145D	1.6	6670	4350	3567	3335	3176	3045	2944	2900	2639	
		20.9	61.7	28	185.6		23	14710	9590	7860	7350	7000	6710	6490	6390	5820	
600/65R34	DW20B W18L	611	1644	752	4950	157D	2.4	9488	6188	5074	4744	4517	4331	4187	4125	3754	
		24.1	64.7	29.6	194.9		35	20920	13640	11190	10460	9960	9550	9230	9090	8280	
320/85R36	W11	333	1460	680	4369	128D	1.6	4140	2700	2133	2070	1971	1890	-	1800	-	
		13.1	57.5	26.8	172		23	9130	5950	4700	4560	4350	4170	-	3970	-	
320/85R36	W11	333	1460	689	4524	147D	4.4	6270	5040	4670	4340	3970	3600	3260	3075	-	
		13.1	57.5	27.1	178.1		64	13820	11110	10300	9570	8750	7940	7190	6780	-	
340/85R36	W12	355	1496	696	4462	132D	1.6	4600	3000	2370	2300	2190	2100	-	2000	-	
		14	58.9	27.4	175.7		23	10140	6610	5230	5070	4830	4630	-	4410	-	
320/85R38	W11	333	1511	714	4581	143D	3.6	6268	4088	3229	3134	2984	2861	-	2725	-	
		13.1	59.5	28.1	180.4		52	13820	9010	7120	6910	6580	6310	-	6010	-	
340/85R38	W12	355	1546	727	4703	133D	1.6	4738	3090	2441	2369	2256	2163	-	2060	-	
		14	60.9	28.6	185.2		23	10450	6810	5380	5220	4970	4770	-	4540	-	
340/85R38	W12	355	1546	727	4703	151D	4.4	7935	5175	4088	3968	3778	3623	-	3450	-	
		14	60.9	28.6	185.2		64	17490	11410	9010	8750	8330	7990	-	7610	-	
380/80R38	W12 W11 W13 13	385	1575	736	4827	152D	4	8165	5325	4207	4083	3887	3728	-	3550	-	
		15.2	62	29	190		58	18000	11740	9280	9000	8570	8220	-	7830	-	
380/80R38	W12 W11 W13	385	1575	738	4821	142D	2.4	6095	3975	3140	3048	2902	2783	-	2650	-	
		15.2	62	29.1	189.8		35	13440	8760	6920	6720	6400	6140	-	5840	-	
380/85R38	W12 W11	380	1611	748	4842	144D	2.4	6440	4200	3444	3220	3066	2940	2842	2800	2548	
		15	63.4	29.4	190.6		35	14200	9260	7590	7100	6760	6480	6270	6170	5620	
420/85R38	W15L W14L	443	1679	773	4949	144D	1.6	6440	4200	3318	3220	3066	2940	-	2800	-	
		17.4	66.1	30.4	194.8		23	14200	9260	7320	7100	6760	6480	-	6170	-	
460/85R38	DW15L W16L DW16L	480	1747	797	5194	149D	1.6	7480	4880	3850	3740	3560	3410	-	3250	-	
		18.9	68.8	31.4	204.5		23	16490	10760	8490	8250	7850	7520	-	7170	-	
460/85R38	DW16L DW15L DW14L	480	1747	823	5410	167D	4.4	12535	8175	6704	6268	5968	5723	5532	5450	4960	
		18.9	68.8	32.4	213		64	27640	18020	14780	13820	13160	12620	12200	12020	10940	
480/70R38	W15L	482	1681	777	5056	145D	1.6	6670	4350	3437	3335	3176	3045	-	2900	-	
		19	66.2	30.6	199.1		23	14710	9590	7580	7350	7000	6710	-	6390	-	
520/70R38	W16L	520	1750	789	5189	150D	1.6	7705	5025	3970	3853	3668	3518	-	3350	-	
		20.5	68.9	31.1	204.3		23	16990	11080	8750	8490	8090	7760	-	7390	-	
520/85R38	DW16L W15L	520	1850	853	5640	169D	3.6	13340	8700	7134	6670	6351	6090	5887	5800	5278	
		20.5	72.8	33.6	222		52	29410	19180	15730	14710	14000	13430	12980	12790	11640	
520/85R38	DW16L W16L TW16L	520	1850	838	5436	155D	1.6	8913	5813	4592	4456	4243	4069	-	3875	-	
		20.5	72.8	33	214		23	19650	12820	10120	9820	9350	8970	-	8540	-	
540/65R38	W16L W18L	530	1667	772	5084	153D	2.4	8395	5475	4490	4198	3997	3833	3705	3650	3322	
		20.9	65.6	30.4	200.2		35	18510	12070	9900	9260	8810	8450	8170	8050	7320	
580/70R38	DW18L	587	1842	845	5694	170D	4	13800	9000	7110	6900	6570	6300	6090	6000	5460	
		23.1	72.5	33.3	224.2		58	30424	19842	16270	15212	14484	13889	13426	13228	12037	
580/70R38	W18L	580	1827	830	5554	155D	1.6	8913	5813	4592	4456	4243	4069	-	3875	-	
		22.8	71.9	32.7	218.7		23	19650	12820	10120	9820	9350	8970	-	8540	-	
580/70R38	W18L	580	1830	847	5611	180D	5.5	18400	12000	9480	9200	8760	8400	-	8000	-	
		22.8	72	33.3	220.9		80	40570	26460	20900	20280	19310	18520	-	17640	-	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		Tractor application															
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 34	65 40	70 43	
600/65R38	DW20B W18L	611	1745	804	5290	159D	2.4	10063	6563	5381	5031	4791	4594	4441	4375	3981	
		24.1	68.7	31.7	208.3		35	22190	14470	11860	11090	10560	10130	9790	9650	8780	
650/65R38	DW20BD W21B DW23B	645	1825	839	5587	171D	3.6	14145	9225	7565	7073	6734	6458	6242	6150	5597	
		25.4	71.9	33	220		52	31180	20340	16680	15590	14850	14240	13760	13560	12340	
650/65R38	DW20B DW21B DW23B	645	1825	817	5408	157D	1.6	9488	6188	5074	4744	4517	4331	4187	4125	3754	
		25.4	71.9	32.2	212.9		23	20920	13640	11190	10460	9960	9550	9230	9090	8280	
650/65R38	DW20B DW21B DW23B	645	1825	834	5545	166D	2.8	12190	7950	6519	6095	5804	5565	5380	5300	4823	
		25.4	71.9	32.8	218.3		41	26870	17530	14370	13440	12800	12270	11860	11680	10630	
650/85R38	DW23B DW21B DW20B	680	2072	942	6201	173D	2.4	14950	9750	7703	7475	7118	6825	-	6500	-	
		26.8	81.6	37.1	244.1		35	32960	21500	16980	16480	15690	15050	-	14330	-	
710/70R38	DW23B DW25B	720	1959	911.4	6028	178D	3.4	17250	11250	8888	8625	8213	7875	-	7500	-	
		28.3	77.1	35.9	237.3		49	38030	24800	19600	19020	18110	17360	-	16540	-	
710/70R38	DW23B	720	1959	885	5798	172D	2.4	14490	9450	7466	7245	6899	6615	-	6300	-	
		28.3	77.1	34.8	228.3		35	31950	20830	16460	15970	15210	14580	-	13890	-	
800/70R38	DW27B	823	2085	924	6070	173D	1.6	14950	9750	7995	7475	7118	6825	-	6500	-	
		32.4	82.1	36.4	239		23	32960	21500	17630	16480	15690	15050	-	14330	-	
320/90R42	W10 W9 W11	319	1643	772	4989	147D	4	7073	4613	3644	3536	3367	3229	-	3075	2798	
		12.6	64.7	30.4	196.4		58	15590	10170	8030	7800	7420	7120	-	6780	6170	
480/80R42	DW16L W16L DW15LL W15L DW14L	494	1830	842	5429	151D	1.6	7935	5175	4088	3968	3778	3623	-	3502	3450	
		19.4	72	33.1	213.7		23	17490	11410	9010	8750	8330	7990	-	7720	7610	
480/80R42	DW16L W16L DD16L	494	1830	843	5429	169D	4.4	13340	8700	6873	6670	6351	6090	-	5800	-	
		19.4	72	33.2	213.7		64	29410	19180	15150	14710	14000	13430	-	12790	-	
520/85R42	DW16L W16L	520	1952	894	5819	157D	1.6	9488	6188	4888	4744	4517	4331	-	4125	-	
		20.5	76.9	35.2	229.1		23	20920	13640	10780	10460	9960	9550	-	9090	-	
520/85R42	DW16L DW18L W16L	520	1952	909	5986	169D	3.6	13340	8700	6870	6670	6350	6090	-	5800	-	
		20.5	76.9	35.8	235.7		52	29410	19180	15150	14710	14000	13430	-	12790	-	
580/70R42	DW18L W18L DW18 DD18L	577	1879	850	5627	158D	1.6	9775	6375	5036	4888	4654	4463	-	4250	3868	
		22.7	74	33.5	221.5		23	21550	14050	11100	10780	10260	9840	-	9370	8530	
650/65R42	DW20B DW21B DW23B	645	1925	883	5837	170D	3.2	13800	9000	7380	6900	6570	6300	6090	6000	5460	
		25.4	75.8	34.8	229.8		46	30420	19840	16270	15210	14480	13890	13430	13230	12040	
650/65R42	DW20B DW21B DW23B	645	1925	878	5736	158D	1.6	9775	6375	5228	4888	4654	4463	4314	4250	3868	
		25.4	75.8	34.6	225.8		23	21550	14050	11530	10780	10260	9840	9510	9370	8530	
710/70R42	DW23B DW25B	720	2061	951	6202	173D	2.4	14950	9750	7703	7475	7118	6825	-	6500	-	
		28.3	81.1	37.4	244.2		35	32960	21500	16980	16480	15690	15050	-	14330	-	
420/80R46	W13 W12	418	1840	860	5598	159D	3.6	10063	6563	5184	5031	4791	4594	-	4375	3981	
		16.5	72.4	33.9	220.4		52	22190	14470	11430	11090	10560	10130	-	9650	8780	
480/80R46	DW16L	494	1960	909	5873	158D	2.4	9775	6375	5036	4888	4654	4463	-	4250	-	
		19.4	77.2	35.8	231.2		35	21550	14050	11100	10780	10260	9840	-	9370	-	
520/85R46	DW16L W16L TW16L	520	2054	940	6121	158D	1.6	9775	6375	5036	4888	4654	4463	-	4250	-	
		20.5	80.9	37	241		23	21550	14050	11102	10776	10260	9840	-	9370	-	
480/80R50	DW16L DW15LL W16L	494	2060	932	6146	159D	2.4	10063	6563	5184	5031	4791	4594	-	4375	-	
		19.4	81.1	36.7	242		35	22185	14469	11429	11091	10562	10128	-	9645	-	

TRACTOR R-1

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)										
								Speed, km/h (mph)										
								Tractor application										
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	60 34	65 40	70 43
210/95R16	W7 W6	214	806	363	2381	106D	2.4	2185	1425	-	-	1126	1093	1040	998	-	950	865
		8.4	31.7	14.3	93.7		35	4820	3140	-	-	2480	2410	2290	2200	-	2090	1910
240/70R16	W8 W8L W9	244	742	338	2298	104D	2.4	2070	1350	-	-	1067	1035	986	945	-	900	819
		9.6	29.2	13.3	90.5		35	4560	2980	-	-	2350	2280	2170	2080	-	1980	1810
260/70R16	W8 W8L W9	262	776	351	2302	109D	2.4	2369	1545	-	-	1221	1185	1128	1082	-	1030	-
		10.3	30.6	13.8	90.6		35	5223	3406	-	-	2692	2612	2487	2385	-	2271	-
280/70R16	W8L W9 W8 W10	285	804	371	2399	112D	2.4	2576	1680	-	-	1327	1288	1226	1176	-	1120	-
		11.2	31.7	14.6	94.4		35	5680	3700	-	-	2930	2840	2700	2590	-	2470	-
320/65R16	W10 W9 W11	319	822	373	2451	117D	2.4	2956	1928	-	1581	-	1478	1407	1349	1304	1285	1169
		12.6	32.4	14.7	96.5		35	6520	4250	-	3490	-	3260	3100	2970	2880	2830	2580

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Tractor application											
				mm in	mm in		mm in	mm in	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	60 34	65 40	70 43
210/95R18	W7 W6	210	860	393	2557	108D	2.4	2300	1500	-	-	1185	1150	1095	1050	-	1000	910	
		8.3	33.9	15.5	100.7		35	5070	3310	-	-	2610	2540	2410	2320	-	2210	2010	
280/70R18	W9 W8 W10	285	855	393	2581	114D	2.4	2714	1770	-	-	1398	1357	1292	1239	-	1180	-	
		11.2	33.7	15.5	101.6		35	5980	3900	-	-	3080	2990	2850	2730	-	2600	-	
320/65R18	W10 W9 W11	319	873	389	2574	109D	1.6	2369	1545	-	1267	-	1185	1128	1082	1045	1030	937	
		12.6	34.4	15.3	101.3		23	5220	3410	-	2790	-	2610	2490	2390	2300	2270	2070	
260/70R20	W8 W9 9	258	872	395	2588	113D	2.4	2645	1725	-	-	1363	1323	1259	1208	-	1150	1047	
		10.2	34.3	15.6	101.9		35	5830	3800	-	-	3010	2920	2780	2660	-	2540	2310	
280/70R20	W9 W8 W10	285	906	421	2728	116D	2.4	2875	1875	-	1538	-	1438	1369	1313	1269	1250	1138	
		11.2	35.7	16.6	107.4		35	6340	4130	-	3390	-	3170	3020	2900	2800	2760	2510	
280/85R20	W10 W9	292	984	449	2906	112D	1.6	2576	1680	-	-	1327	1288	1226	1176	-	1120	1019	
		11.5	38.7	17.7	114.4		23	5680	3700	-	-	2930	2840	2700	2590	-	2470	2250	
300/70R20	W9	300	956	438	2868	120D	2.4	3220	2100	-	-	1659	1610	1533	1470	-	1400	-	
		11.8	37.6	17.2	112.9		35	7100	4630	-	-	3660	3550	3380	3240	-	3090	-	
320/70R20	W10	322	986	457	2943	123D	2.4	3565	2325	-	-	1837	1783	1697	1628	-	1550	-	
		12.7	38.8	18	115.9		35	7860	5130	-	-	4050	3930	3740	3590	-	3420	-	
340/65R20	W11 W10 W12	343	950	441	2890	124D	2.4	3680	2400	-	1968	-	1840	1752	1680	1624	1600	1456	
		13.5	37.4	17.4	113.8		35	8110	5290	-	4340	-	4060	3860	3700	3580	3530	3210	
420/65R20	W13 W11 W12	418	1054	480	3191	135D	2.4	5014	3270	-	2681	-	2507	2387	2289	2213	2180	1984	
		16.5	41.5	18.9	125.6		35	11050	7210	-	5910	-	5530	5260	5050	4880	4810	4370	
320/85R28	W11 W10	334	1265	576	3700	124D 129A6	1.6	3680	2400	2140	-	1900	1850	1750	1680	-	1600	-	
		13.1	49.8	22.7	145.7		23	8110	5290	4720	-	4190	4080	3860	3700	-	3530	-	
340/85R28 (13.6R28)	W12 W11	358	1300	589	3828	127D 132A6	1.6	4030	2630	2350	-	2070	2010	1920	1840	-	1750	-	
		14.1	51.2	23.2	150.7		23	8890	5800	5180	-	4560	4430	4230	4060	-	3860	-	
380/85R28	W12 W11	385	1370	616	4013	133D 138A6	1.6	4740	3090	2760	-	2440	2360	2260	2160	-	2060	-	
		15.2	53.9	24.3	158		23	10450	6810	6090	-	5380	5200	4980	4760	-	4540	-	
420/85R28	W15L W14L	444	1440	651	4260	139D 144A6	1.6	5590	3650	3260	-	2880	2800	2660	2550	-	2430	-	
		17.5	56.7	25.6	167.7		23	12320	8050	7190	-	6350	6170	5860	5620	-	5360	-	

AGRIFLEX+ 372**R-1W****SB****SG**

STEEL BELTED

STUBBLE GUARD



The Alliance 372 Agriflex+ Very High Flexion (VF) tires are designed with increased flexibility in the sidewall to enable the tire to carry up to 40% more load at the same pressure as a standard radial tire. They can also carry the same load as a standard radial tire with up to 40% less air pressure. This reduction in air pressure creates a bigger footprint for more traction, less slip, better fuel efficiency, and decreased soil compaction, resulting in more yield.



Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD				Not high and sustained torque; Road transport								
		mm	mm				mm	mm	10 6	15 9	20 12	65 40	70 43		
		in	in				in	in	psi	psi	psi	psi	psi		
VF420/85R28	W15 W14	448	1437	628	4254	151D	1.6	3700	3450	3450	3450	3140	2	5348	
		17.6	56.6	24.7	167.5		23	8160	7610	7610	7610	6920	29	11790	
VF600/60R28	DW20B	590	1430	620	4159	146D	1	3210	3000	3000	3000	2730	1.3	4650	
		23.2	56.3	24.4	163.7		15	7080	6610	6610	6610	6020	19	10250	
VF580/85R42	DW20B	580	2042	904	6047	183D	2.8	9380	8750	8750	8750	7960	3.5	12250	
		22.8	80.4	35.6	238.1		41	20680	19290	19290	19290	17550	51	27010	

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		CFO						Not high and sustained torque; Road transport							
		mm	mm	mm	mm		15 9	30 19	10 6	15 9	20 12	40 25	65 40	70 43	
		in	in	in	in		bar	psi							
VF 620/75R30 CFO	DW23B	650	1675	720	4866	169D	1.6	7714	6438	6210	5800	5800	-	5800	5280
	DW21B DW20B	25.6	65.9	28.3	191.6		23	17010	14190	13690	12790	12790	-	12790	11640
VF 600/65R28	DW21B	606	1485	650	4382	163D	2	6480	5410	5220	4875	4875	-	4875	4440
	DW20B DW18	23.9	58.5	25.6	172.5		29	14290	11930	11510	10750	10750	-	10750	9790

TRACTOR

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
		Speed, km/h (mph)															
		SW	OD					CFO		Not high and sustained torque; Road transport							
				mm	mm		mm	mm	bar	15 9	30 19	10 6	15 9	20 12	25 16	30 19	35 22
		in	in	in	in	psi											
VF 520/80R26 CFO	DW16L	505	1465	627	4335	168A8	2.8	7448	6216	6000	5600	5600	5600	-	-	-	5100
	DW18L	19.9	57.7	24.7	170.7		41	16420	13700	13230	12350	12350	12350	-	-	-	11240
VF 650/75R30	DW23B	660	1720	736	4942	172D	1.6	9765	8190	6750	6300	6300	6300	-	-	-	5730
		26	67.7	29	194.6		23	21530	18060	14880	13890	13890	13890	-	-	-	12630
VF 800/70R38	DW27B	820	2085	911	6173	190A8	2.4	14098	11766	11360	10600	10600	10600	-	-	-	9650
		32.3	82.1	35.9	243		35	31080	25940	25040	23370	23370	23370	-	-	-	21280
VF 900/60R38	DW30	894	2038	876	6001	187A8	2	13210	11070	10730	10730	10140	10040	9950	-	9750	8870
		35.2	80.2	34.5	236.3		29	29120	24410	23660	23660	22360	22130	21940	-	21500	19560
VF520/85R42	DW16L	540	1955	874	5806	177A8	2.8	9709	8103	7820	7300	7300	7300	7300	7300	7300	6640
	DW18L	21.3	77	34.4	228.6		41	21410	17860	17240	16090	16090	16090	16090	16090	16090	14640

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)												
		Speed, km/h (mph)																		
		Tractor Application										Inflation Pressure	Cyclic Operation							
		SW	OD									bar psi	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 43
mm in	mm in	mm in	mm in	mm in	mm in	psi	6	12	19	25	31	37	40	43	psi	6				
VF480/60R28	DW16L W15L	470	1287	573	3762	149D	2	3575	3380	3315	3250	3250	3250	3250	2958	2.8	4550			
		18.5	50.7	22.6	148.1		29	7880	7450	7310	7170	7170	7170	7170	6520	41	10030			
VF540/65R30	DW20B W18L DW18L	549	1464	659	4346	161D	2.4	5088	4810	4718	4625	4625	4625	4625	4209	3.2	6475			
		21.6	57.6	25.9	171.1		35	11220	10600	10400	10200	10200	10200	10200	9280	46	14280			
VF600/60R34	DW20B DW21B DW18L	587	1584	696	4647	149D	1	3575	3380	3315	3250	3250	3250	3250	2958	1.8	4550			
		23.1	62.4	27.4	183		15	7880	7450	7310	7170	7170	7170	7170	6520	26	10030			
VF650/60R34	DW23B	650	1644	731	4845	168D	2	6160	5824	5712	5600	5600	5600	5600	5096	2.8	7840			
		25.6	64.7	28.8	190.7		29	13580	12840	12590	12350	12350	12350	12350	11240	41	17280			
VF540/65R38	DW20B DW18L DW16L	549	1667	753	4951	162D	2	5225	4940	4845	4750	4750	4750	4750	4323	2.8	6650			
		21.6	65.6	29.6	194.9		29	11520	10890	10680	10470	10470	10470	10470	9530	41	14660			
VF600/60R38	DW20B DW21B DW18L	587	1685	764	4996	168D	2.4	6160	5824	5712	5600	5600	5600	5600	5096	3.2	7840			
		23.1	66.3	30.1	196.7		35	13580	12840	12590	12350	12350	12350	12350	11240	46	17280			
VF650/60R38	DW23B DW21B	650	1745	781	5128	173D	2.4	7150	6760	6630	6500	6500	6500	6500	5915	3.2	9100			
		25.6	68.7	30.7	201.9		35	15760	14900	14620	14330	14330	14330	14330	13040	46	20060			
VF650/85R38	DW23B DW21B DW20B	663	2071	901	6049	182D	2	9350	8840	8670	8500	8500	8500	8500	7735	2.8	11900			
		26.1	81.5	35.5	238.1		29	20610	19490	19110	18740	18740	18740	18740	17050	41	26240			
VF710/55R38	DW25B	708	1747	779	5212	175D	2.4	7590	7176	7038	6900	6900	6900	6900	6279	3.2	9660			
		27.9	68.8	30.7	205.2		35	16730	15820	15520	15210	15210	15210	15210	13840	46	21300			
VF710/75R38	DW25B DW23B	705	2031	879	5991	183D	2	9625	9100	8925	8750	8750	8750	8750	7963	2.8	12250			
		27.8	80	34.6	235.9		29	21220	20060	19680	19290	19290	19290	19290	17560	41	27010			
VF650/60R42	DW23B DW20B	650	1847	826	5413	157D	1	4538	4290	4208	4125	4125	4125	4125	3754	1.8	5775			
		25.6	72.7	32.5	213.1		15	10010	9460	9280	9090	9090	9090	9090	8280	26	12730			
VF650/85R42	DW23B	666	2170	958	6342	183D	2	9625	9100	8925	8750	8750	8750	8750	7963	2.8	12250			
		26.2	85.4	37.7	249.7		29	21220	20060	19680	19290	19290	19290	19290	17560	41	27010			
VF800/70R42	DW28B DW27B DW25B	804	2187	957	6440	189D	2	11330	10712	10506	10300	10300	10300	10300	7735	2.8	14420			
		31.7	86.1	37.7	253.5		29	24980	23620	23160	22710	22710	22710	22710	17050	41	31790			
VF900/50R42	DW30B DW28B	881	1967	841	5816	180D	1.6	8800	8320	8160	8000	8000	8000	8000	7280	2.4	11200			
		34.7	77.4	33.1	229		23	19400	18340	17990	17640	17640	17640	17640	16050	35	24690			
VF750/70R44	DW25B DW24B	742	2168	953	6403	186D	2	10450	9880	9690	9500	9500	9500	9500	8645	2.8	13300			
		29.2	85.4	37.5	252.1		29	23040	21780	21360	20940	20940	20940	20940	19060	41	29320			
VF750/75R46	DW25B	742	2294	1027	6765	191D	2.4	11990	11336	11118	10900	10900	10900	10900	9919	3.2	15260			
		29.2	90.3	40.4	266.3		35	26430	24990	24510	24030	24030	24030	24030	21870	46	33640			
VF900/65R46	DW30B	881	2338	1025	6938	196D	2.4	13750	13000	12750	12500	12500	12500	12500	11375	3.2	17500			
		34.7	92	40.4	273.1		35	30310	28660	28110	27560	27560	27560	27560	25080	46	38580			

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Infl. press.	Recommended Load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
				Tractor Application										CFO						
				mm	mm			mm	mm	bar	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 43	15 psi	30 6
VF600/60R30CFO	DW20B	586	1489	649.5	41	158D	1.6	4675	4420	4335	4250	4250	4250	4250	3868	5759	4824			
		23.1	58.6	25.6	1.6		23	10307	9744	9557	9370	9370	9370	9370	8527	12696	10635			
VF620/75R30CFO	DW23B	650	1675	726.7	4925	172D	2	6930	6552	6426	6300	6300	6300	6300	5733	8537	7151			
		25.6	65.9	28.6	193.9		29	15278	14445	14167	13889	13889	13889	13889	12639	18821	15765			
VF520/85R42CFO	W16	540	1955	870	5803	180D	3.2	9340	8490	8160	8000	-	-	8000	7280	10840	8260			
		21.3	77	34.3	228.5		46	20591	18717	17990	17637	-	-	17637	16050	23898	18210			
VF600/70R30CFO	DW21B DW20B	635	1600	704	4755.3	174D	2.8	7370	6968	6834	6700	6700	6700	6700	6097	9079	7605			
		25	63	27.7	187.2		41	16248	15362	15066	14771	14771	14771	14771	13442	20016	16766			
VF650/65R34CFO	DW23B DW21B DW20B	654	1717	762.5	5098	170D	2	6600	6240	6120	6000	6000	6000	6000	5460	8130	6810			
		25.7	67.6	30	200.7		29	14550	13757	13492	13228	13228	13228	13228	12037	17924	15013			
VF710/75R42CFO	DW24B DW23B DW25B	725	2153	940	6222	184D	2	9900	9360	9180	9000	9000	9000	9000	8190	10215	12195			
		28.5	84.8	37	245		29	21830	20640	20240	19840	19840	19840	19840	18060	22520	26890			

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Infl. press.	Recommended Load, kg (lbs)													
								Speed, km/h (mph)													
		SW	OD	mm	mm		Tractor														
		mm	mm				5	10	15	20	25	30	35	40	45	50	55	60	65	70	
		in	in				in	in	bar psi	3	6	9	12	16	19	22	25	28	31	34	37
VF650/65R42	DW23B	650	1913	856	5596	174D	2	8308	7370	7035	6968	6901	6834	6767	6700	6700	6700	6700	6700	6700	-
	DW21B	25.6	75.3	33.7	220.3		29	18320	16250	15510	15360	15210	15070	14920	14770	14770	14770	14770	14770	14770	-
VF650/65R38	DW23B	660	1811	807.9	5341	180D	3.2	-	8800	8400	8320	8240	8160	-	8000	-	8000	-	8000	-	7280
	DW20B(NRO)	26	71.3	31.8	210.3		46	-	19401	18519	18342	18166	17990	-	17637	-	17637	-	17637	-	16050

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Infl. press.	Recommended Load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
				Not high and sustained torque; Road transport													Infl. press.	Cyclic Operation		
				mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			mm	mm
				in	in		in	in	in	in	in	in	in	in	in	in			in	in
VF520/60R28	DW18L W18L	516	1335	596	3901	149D	1.6	3575	3413	3380	3348	3315	3283	3250	3250	2958	2.4	4550		
		20.3	52.6	23.5	153.6		23	7880	7520	7450	7380	7310	7240	7170	7170	6520	35	10030		
VF600/60R28 CFO	DW20B DW18B DW21B	590	1430	620	4159	146D	1	3300	3150	3120	3090	3060	3030	3000	3000	2730	1.8	4200		
		23.2	56.3	24.4	163.7		15	7280	6950	6880	6810	6750	6680	6610	6610	6020	26	9260		
VF 600/60R30	DW20	586	1489	651	4335	147D	1	3290	3075	3075	-	-	-	-	3075	2800	1.25	4305		
		23.1	58.6	25.6	170.7		15	7250	6780	6780	-	-	-	-	6780	6170	18	9490		
VF 520/85R38	DW16	533	1852	818	5485	170D	2	6600	-	6240	-	6120	-	6000	6000	5460	2.8	8400		
		21	72.9	32.2	215.9		29	14550	-	13760	-	13490	-	13230	13230	12040	41	18520		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Not high and sustained torque; Road transport												
				mm	mm		mm	mm	bar	10 6	15 9	20 12	30 19	40 25	65 40	70 43
VF 650/65R34	DW23	654	1717	753	5020	167D	1.6	5995	5723	5668	5559	5450	5450	4960		
		25.7	67.6	29.6	197.6		23	13220	12620	12500	12260	12020	12020	10940		

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Infl. press.	Recommended Load, kg (lbs)												
								Speed, km/h (mph)												
		SW	OD	mm	mm		bar	Not high and sustained torque; Road transport										Infl. press.	Cyclic Operation	
								Static	10	20	25	30	40	50	65	bar	psi			
									6	12	16	19	25	31	40					
VF580/85R42	DW18	580	2042	904	6047	183D	2.8	20130	9630	9010	9010	8930	8750	8750	8750	8750	3.6	12250		
		22.8	80.4	35.6	238.1		41	44380	21230	19860	19860	19690	19290	19290	19290	19290	52	27010		

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Infl. press.	Recommended Load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
				Not high and sustained torque; Road transport												Infl. press.	Cyclic Operation			
				mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	bar	10	15
				in	in		in	in	in	in	in	in	in	in	in		in	psi	6	9
VF600/70R28CFO	DW20B	630	1560	681	4576	173D	2.8	7995	7150	6760	6695	6500	6500	6500	5915	2.8	8808	7378		
		24.8	61.4	26.8	180.2		41	17626	15763	14903	14760	14330	14330	14330	13040	41	19418	16266		
VF650/65R38	DW23B DW20B (NRO)	650	1811	797	5285	169D	1.6	8700	7134	6670	6351	6090	5887	5800	5278	2	9860	8990		
		25.6	71.3	31.4	208.1		23	19180	15730	14710	14000	13430	12980	12790	11640	29	21740	19820		

373 VIBROFARM

R-1W

SB

STEEL BELTED



4WD TRACTOR

373 VIBROFARM is a versatile R-1W agricultural pattern with a uniquely designed tread design. Sinusoidal center rib enables high performance due to minimized rutting and multi-angular sidewalls provide good traction on soft surfaces. More number of blocks and a high rubber-to-void tread ratio enables low rolling resistance during transport operations on hard surfaces ultimately increasing the tread life. 373 VIBROFARM has steel belted construction offering a flatter footprint and puncture protection as well. The specially designed tread pattern offers tractive tendency up to 80% of tread wear.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)						
		Speed, km/h (mph)												
		Tractor Applications												
		SW	OD										10	20
mm	mm	mm	mm	mm	mm	bar	6	12	19	25	31	40	43	
in	in	in	in	in	in	psi								
380/70R24 (13.6R24)	W12 W13 W11	380 15	1190 46.9	556 21.9	3573 140.7	140D 143A8	3.9 57	3750 8270	3075 6780	2875 6340	2738 6040	2625 5790	2500 5510	2275 5020
420/70R24 (14.9R24)	W13 W12 W14L	420 16.5	1247 49.1	575 22.6	3727 146.7	146D 149A8	4 58	4500 9920	3690 8140	3450 7610	3285 7240	3150 6950	3000 6610	2730 6020
420/70R28 (14.9R28)	W13L W12 W14L	418 16.5	1349 53.1	614 24.2	4041 159.1	148D 151A8	4 58	4725 10420	3875 8540	3623 7990	3449 7600	3308 7290	3150 6950	2867 6320
480/70R28 (16.9R28)	W15L W14L W16L	479 18.9	1421 55.9	655 25.8	4239 166.9	153D 156A8	3.6 52	5475 12070	4490 9900	4198 9260	3997 8810	3833 8450	3650 8050	3322 7320

AGRIFLEX+ 373

R-1W

SB

STEEL BELTED

SG

STUBBLE GUARD



4WD TRACTOR



MFWD

Agriflex+ 373 is a versatile R-1W agricultural pattern with a uniquely designed tread design. Sinusoidal center rib enables high performance due to minimized rutting and multi-angular sidewalls provide good traction on soft surfaces. The AGRIFLEX+ Very Improved Flexion (VF) technology provides increased sidewall flexibility enabling the tire to carry (up to 40%) more load at the same pressure as compared to a standard tractor radial. More number of blocks and a high rubber-to-void tread ratio enables low rolling resistance during transport operations on hard surfaces ultimately increasing the tread life. Agriflex+ 373 has steel belted construction offering a flatter footprint and puncture protection as well. The specially designed tread pattern offers tractive tendency up to 80% of tread wear.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)										
								Speed, km/h (mph)										
		Tractor Application							10 6	20 12	30 19	40 25	50 31	65 40	70 43			
		SW	OD				mm	mm										
		mm	mm													in	in	
VF420/70R28	W14L DW15L W13L (NRO)	415 16.3	1349 53.1	617 24.3	3955 155.7	153D	2.8 41	4015 8850	3796 8370	3723 8210	3650 8050	3650 8050	3650 8050	3322 7320				
VF480/70R28	W18L W16L W15L (NRO)	495 19.5	1421 55.9	646 25.4	4158 163.7	160D	2.8 41	4950 10910	4680 10320	4590 10120	4500 9920	4500 9920	4500 9920	4095 9030				
VF520/70R38	DW18L W18L DW16L W16L (NRO)	521 20.5	1749 68.9	789 31.1	5191 204.4	170D	2.8 41	6600 14550	6240 13760	6120 13490	6000 13230	6000 13230	6000 13230	5460 12040				
VF540/65R28	W18L W16	529 20.8	1413 55.6	634 25	4157 163.7	163D	2.8 41	5360 11820	5070 11180	4970 10960	4875 10750	4875 10750	4875 10750	4440 9790				
VF600/65R28	DW21B W18L	597 23.5	1491 58.7	661 26	4324 170.2	169D	2.8 41	8700 19180	7130 15720	6670 14710	6350 14000	6090 13430	5800 12790	5280 11640				
VF600/70R30	DW21B W18L	603 23.7	1602 63.1	702 27.6	4729 186.2	174D	2.8 41	7370 16250	6970 15370	6830 15060	6700 14770	6700 14770	6700 14770	6100 13450				
VF600/70R34	DW21B DW18 NRO DW20B	603 23.7	1704 67.1	762 30	5054 199	175D	2.8 41	7590 16733	7180 15829	7040 15521	6900 15212	6900 15212	6900 15212	6280 13845				
VF580/70R38	DW20B DW18L W18L (NRO)	580 22.8	1827 71.9	822 32.4	5412 213.1	175D	2.8 41	7590 16730	7176 15820	7038 15520	6900 15210	6900 15210	6900 15210	6279 13840				
VF650/65R38	DW23B DW20B	650 25.6	1811 71.3	823 32.4	5361 211.1	178D	2.8 41	8250 18190	7800 17200	7650 16870	7500 16540	-	7500 16540	6830 15060				

The advanced 354 AGRIFLEX+ Very High Flexion (VF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry upto 40% more at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires, these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. Agriflex+ 354 gives a large tire footprint area for high traction, reduces fuel costs and increases overall productivity and provides high puncture protection and uniform ground pressure distribution due to its steel belts.



TRACTOR

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)																Inflation Pressure	Cyclic Operation
		Speed, km/h (mph)																							
		Not high and sustained torque; Road transport																bar psi	10 6						
		SW	OD					mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 16	30 19			35 22	40 25	45 28	50 31		
mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in						mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
VF 380/85R30	DW13	394	1412	634	4163	146D	1.6	3300		3090	-	3060	-	3000	-	3000	-	3000	3000	2730	2.4	4200			
		15.5	55.6	25	163.9		23	7280		6810	-	6750	-	6610	-	6610	-	6610	6610	6020	35	9260			
VF320/85R32	W11	319	1358	615	4017	139D	1.6	2673	2552	2527	-	2479	-	2430	-	-	-	-	2430	2211	2.4	3402			
		12.6	53.5	24.2	158.1		23	5890	5630	5570	-	5470	-	5360	-	-	-	-	5360	4870	35	7500			
VF320/85R34	DW11	324	1414	643	4217	143D	2	2998	2861	2834	-	-	-	2725	-	2725	-	-	2725	2480	2.8	3815			
		12.8	55.7	25.3	166		29	6610	6310	6250	-	-	-	6010	-	6010	-	-	6010	5470	41	8410			
VF 380/85R34	13	395	1524	679	4503	149A8	1.6	3575	3348	-	-	3315	-	3250	-	3250	-	3250	3250	2958	2.4	4550			
		15.6	60	26.7	177.3		23	7880	7380	-	-	7310	-	7170	-	7170	-	7170	7170	6520	35	10030			
VF420/85R34	DW14L	429	1576	703	4662	159D	2.4	4813	4594	4550	-	4463	-	4375	-	-	-	-	4375	3981	3.2	6125			
		16.9	62	27.7	183.5		35	10610	10130	10030	-	9840	-	9650	-	-	-	-	9650	8780	46	13500			
VF420/95R34	W14L DW14L W13	419	1662	731	4927	157D	1.6	-	4331	4290	4249	4208	4166	4125	4125	4125	4125	4125	4125	3754	2.4	5775			
		16.5	65.4	28.8	194		23	-	9550	9460	9370	9280	9180	9090	9090	9090	9090	9090	9090	8280	35	12730			
VF 480/70R34	W18L DW16L W16L DW18	491	1580	715	4724	160D	2.4	4950	-	-	4635	4590	-	4500	-	4500	-	4500	4500	4095	3.2	6300			
		19.3	62.2	28.1	186		35	10910	-	-	10220	10120	-	9920	-	9920	-	9920	9920	9030	46	13890			
VF320/85R36	W11 W10	323	1459	671	4351	144D	2	3080	2940	2910	2880	2860	-	2800	-	-	-	-	2800	2550	2.8	3920			
		12.7	57.4	26.4	171.3		29	6790	6480	6420	6350	6310	-	6170	-	-	-	-	6170	5620	41	8640			
VF 320/85R38	DW10	307	1509	694	4578	155D	3.6	4263	4069	4030	-	3953	-	3875	-	-	-	-	3875	3526	4.4	5425			
		12.1	59.4	27.3	180.2		52	9400	8970	8890	-	8720	-	8540	-	-	-	-	8540	7770	64	11960			
VF230/95R42	W8 W7	230	1504	708	4605	145D	4	3190	3050	3020	2990	2960	-	2900	-	-	-	-	2900	2640	4.8	4060			
		9.1	59.2	27.9	181.3		58	7030	6720	6660	6590	6530	-	6390	-	-	-	-	6390	5820	70	8950			
VF320/80R42	11	320	1580	739	4786	155D	3.6	4263	4069	4030	3991	3953	3914	3875	3875	3875	3875	3875	3875	3526	4.4	5425			
		12.6	62.2	29.1	188.4		52	9400	8970	8890	8800	8720	8630	8540	8540	8540	8540	8540	8540	7770	64	11960			
VF320/90R42	DW11 DW10	323	1643	748	4858	148D	2	3465	-	3276	-	3213	-	3150	-	3150	-	3150	3150	2835	2.8	4410			
		12.7	64.7	29.4	191.3		29	7640	-	7220	-	7080	-	6950	-	6950	-	6950	6950	6250	41	9720			
							4.4	5363	-	5070	-	4973	-	4875	-	4875	-	4875	4875	4388	5.2	6825			
						64	11820	-	11180	-	10960	-	10750	-	10750	-	10750	10750	9670	75	15050				
VF 480/80R42	DW16L DW16 DW15 DW15L	489	1848	823	5486	162D	1.6	5225	-	-	4893	4845	-	4750	-	4750	-	4750	4750	4323	2.4	6650			
		19.3	72.8	32.4	216		23	11520	-	-	10790	10680	-	10470	-	10470	-	10470	10470	9530	35	14660			
VF320/105R46	W10 W11	328	1845	846	5584	172D	4.8	6930	-	-	6489	6426	-	6300	-	6300	-	6300	6300	5733	5.6	8820			
		12.9	72.6	33.3	219.8		70	15280	-	-	14310	14170	-	13890	-	13890	-	13890	13890	12640	81	19450			
VF320/105R46	W10 46 W11	328	1845	846	5584	175D	5.4	7590	7250	7180	7110	7040	-	6900	-	-	-	-	6900	6280	6.2	9660			
		12.9	72.6	33.3	219.8		78	16730	15980	15830	15680	15520	-	15210	-	-	-	-	15210	13850	90	21300			
VF 320/90R46	W10	309	1746	809	5290	160D	3.6	4950	4725	4680	-	4590	4545	-	-	-	-	-	4500	4095	4.4	6300			
		12.2	68.7	31.9	208.3		52	10910	10420	10320	-	10120	10020	-	-	-	-	-	9920	9030	64	13890			
VF380/85R46	W13 W12	383	1814	834	5430	162D	2.8	5230	4990	4940	4890	4850	-	4750	-	-	-	-	4750	4320	3.6	6650			
		15.1	71.4	32.8	213.8		41	11530	11000	10890	10780	10690	-	10470	-	-	-	-	10470	9520	52	14660			
VF380/90R46	W13 W12	391	1854	847	5559	175D	4.6	7590	7250	7180	7110	7040	-	6900	-	-	-	-	6900	6280	5.4	9660			
		15.4	73	33.3	218.9		67	16730	15980	15830	15680	15520	-	15210	-	-	-	-	15210	13850	78	21300			
VF380/90R46	W13 W12	391	1854	847	5559	173D	4.4	7150	-	6760	6695	6630	-	6500	-	6500	-	6500	6500	5915	5.2	9100			
		15.4	73	33.3	218.9		64	15760	-	14900	14760	14620	-	14330	-	14330	-	14330	14330	13040	75	20060			
VF480/80R46	DW16L DW15L	489	1948	889	5857	164D	1.6	5500	-	-	5150	5100	-	5000	-	5000	-	5000	5000	4550	2.4	7000			
		19.3	76.7	35	230.6		23	12130	-	-	11350	11240	-	11020	-	11020	-	11020	11020	10030	35	15430			
VF480/80R46	DW16L DW15L	489	1948	889	5857	177D	3.6	8030	7670	7590	7520	7450	7370	-	-	-	-	-	7300	6640	4.4	10220			
		19.3	76.7	35	230.6		52	17700	16910	16730	16580	16420	16250	-	-	-	-	-	16090	14640	64	22530			
VF 340/85R48	DW12	354	1807	841	5489	164D	4	5500	-	5200	5150	5100	-	5000	-	-	-	-	5000	4550	4.8	7000			
		13.9	71.1	33.1	216.1		58	12130	-	11460	11350	11240	-	11020	-	-	-	-	11020	10030	70	15430			
VF 320/105R50	DW11 DW10	323	1942	894	5836	158D	2.4	4675	-	4420	4378	4335	-	4250	-	-	-	-	4250	3868	3.2	5950			
		12.7	76.5	35.2	229.8		35	10310	-	9740	9650	9560	-	9370	-	-	-	-	9370	8530	46	13120			
VF 320/90R50	11	319	1846	871	5645	161D	3.6	5088	-	-	4764	4718	-	4625	-	4625	-	4625	4625	4209	4.4	6475			
		2.6	72.7	34.3	222.2		52	11220	-	-	10500	10400	-	10200	-	10200	-	10200	10200	9280	64	14280			

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)															Inflation Pressure	Cyclic Operation
								Speed, km/h (mph)																
		SW	OD					Not high and sustained torque; Road transport																
								10	15	20	25	30	35	40	45	50	55	60	65	70	bar	psi		
mm	mm	mm	mm	6	9	12	16	19	22	25	28	31	34	37	40	43	psi	10						
in	in	in	in	in	in	psi												6						
VF380/105R50	DW13	394	2047	940	6176	179D	4.4	8525	8138	8060	-	7905	-	7750	-	-	-	-	7750	7053	5.2	10850		
		15.5	80.6	37	243.1		64	18790	17940	17770	-	17430	-	17090	-	-	-	-	17090	15550	75	23920		
VF380/90R50	W13	391	1950	900	5900	175D	4.4	7590	-	7176	-	7038	-	6900	-	6900	-	-	6900	6279	5.2	9660		
		15.4	76.8	35.4	232.3		64	16730	-	15820	-	15520	-	15210	-	15210	-	-	15210	13840	75	21300		
420/95R50	14	425	2052	927	6131	177D	3.6	8030	-	7592	-	7446	-	7300	-	7300	-	7300	7300	6643	4.4	10220		
		16.7	80.8	36.5	241.4		52	17700	-	16740	-	16420	-	16090	-	16090	-	16090	16090	14650	64	22530		
VF480/80R50	W16	494	2054	942	6127	171D	2.4	6765	6458	6396	-	6273	-	6150	-	-	-	-	6150	5597	3.2	8610		
						35	14910	14240	14100	-	13830	-	13560	-	-	-	-	13560	12340	46	18980			
		19.4	80.9	37.1	241.2	179D	3.6	8525	-	8060	-	7905	-	7750	-	7750	-	-	7750	7053	4.4	10850		
						52	18790	-	17770	-	17430	-	17090	-	17090	-	-	17090	15550	64	23920			
VF 230/115R54	8 W8	257	1947	912	5931	151D	3.2	3800	3620	3590	-	3520	-	-	-	-	-	-	3450	3140	4	4830		
		10.1	76.7	35.9	233.5		46	8380	7980	7920	-	7760	-	-	-	-	-	-	7610	6920	58	10650		
VF 270/105R54	W10	288	1941	910	5930	160D	4	4950	-	4680	4635	4590	-	4500	-	4500	-	4500	4500	4095	4.8	6300		
		11.3	76.4	35.8	233.5		58	10910	-	10320	10220	10120	-	9920	-	9920	-	9920	9920	9030	70	13890		
VF320/90R54	W11	311	1950	911	5944	168D	4.4	6160	5880	5824	5768	5712	5656	-	-	-	-	-	5600	5096	5.2	7840		
		12.2	76.8	35.9	234		64	13580	12960	12840	12720	12590	12470	-	-	-	-	-	12350	11240	75	17280		
VF380/90R54	W13 W12 DW12 DW13	383	2050	951	6199	176D	4.4	7810	-	-	7313	7242	-	7100	-	7100	-	7100	7100	6461	5.2	9940		
		15.1	80.7	37.4	244.1		64	17220	-	-	16120	15970	-	15650	-	15650	-	15650	15650	14240	75	21910		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		Not high and sustained torque: Road Transport													
		SW	OD												
		mm	mm					mm	mm	mm	mm	mm	mm	mm	mm
in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	
VF380/95R38	W13 W12	390	1687	759	4997	159D	2.4	4810	4590	4550	4510	4375	4375	3980	
		15.4	66.4	29.9	196.7		35	10600	10120	10030	9940	9650	9650	8770	

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Tractor Application								Inflation Pressure	Inflation Pressure
								mm	mm	mm	mm	mm	mm	mm	mm		
								in	in	in	in	in	in	in	in		
bar	10	15	20	25	30	40	65	70	bar	10							
psi	6	9	12	16	19	25	40	43	psi	6							
VF480/95R54	DW16L DW15L	485	2284	1034	6875	180D	2.8	8800	8400	8320	8240	8160	8000	8000	7280	3.6	11200
		19.1	89.9	40.7	270.7		41	19400	18520	18340	18170	17990	17640	16050	52	24690	

AGRIFLEX 354

R-1W

SB

STEEL BELTED



The advanced 354 AGRIFLEX Improved Flexion (IF) is designed to carry the same load as a standard radial tractor tire but at lower pressure or carry more load up to 20% at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires, these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs, outstanding traction, excellent self-cleaning characteristics, and enhanced lug shape ensure exceptional durability, comfort, and a significant reduction of noise while driving on the road. Agriflex 354 gives a large tire footprint area for high traction, reduces fuel costs and increases overall productivity and provides high puncture protection and uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
				Not high and sustained torque; Road transport														Inflation Pressure	Cyclic operations		
				mm	mm			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			mm	mm
		in	in	in	in	in	in	in	in	in	in	in	in	in	in	psi	6				
IF 340/85R48	W12 DW12 W11	343	1808	851	5480	159D	4.1	5560	5030	4730	4640	4550	-	-	-	4375	3980	4.9	10060		
							59	12260	11090	10430	10230	10030	-	-	-	9650	8770	71	22180		
IF480/95R50	DW16	488	2182	1002	6518	165D	1.6	6541	-	5562	5459	5356	5150	-	-	5150	4687	2.4	7210		
		488	2182	1002	6518		23	14420	-	12262	12035	11808	11354	-	-	11354	10333	35	15895		
IF 320/105R50	11 DW11 DW10 DW12	323	1938	901	5813	152D	2.4	4509	-	-	3763	3692	3550	3550	3550	3550	3231	3.2	4970		
		12.7	76.3	35.5	228.9		35	9940	-	-	8300	8140	7830	7830	7830	7830	7120	46	10960		

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)											
		Speed, km/h (mph)																	
		SW	OD	Not high and sustained torque; Road transport												Inflation Pressure	Cyclic operations		
				mm	mm		mm	mm	bar	10 6	15 9	20 12	25 16	30 19	40 25			50 31	60 37
in	in	in	in	psi											bar psi	10 6			
IF 270/105R54	9 W10	280	1946	917	5949	158D	4.4	5398	-	-	4505	4420	4250	4250	4250	4250	3868	5.2	5950
		11	76.6	36.1	234.2		64	11900	-	-	9930	9740	9370	9370	9370	9370	8530	75	13120
IF 320/105R54	DW11 DW12	330	2040	959	6235	167D	4.4	6920	-	-	5780	5670	-	-	-	5450	-	5.2	7630
		13	80.3	37.8	245.5		64	15260	-	-	12740	12500	-	-	-	12020	-	75	16820
IF 320/90R54	DW11 DW12	322	1950	920	5962	162D	4.4	6033	-	-	5035	4940	4750	4750	4750	4750	4323	5.2	6650
		12.7	76.8	36.2	234.7		64	13300	-	-	11100	10890	10470	10470	10470	10470	9530	75	14660
IF 380/105R54	DW13 DW12	395	2163	1003	6548	180D	5.2	10160	-	-	8480	8320	-	-	-	8000	-	6	11200
		15.6	85.2	39.5	257.8		75	22400	-	-	18700	18340	-	-	-	17640	-	87	24690
IF 380/90R54	W13 DW13 W12 DW12	380	2056	949	6179	171D	4.4	6765	-	-	6335	6273	6150	6150	6150	6150	5597	5.2	8610
		15	80.9	37.4	243.3		64	14910	-	-	13970	13830	13560	13560	13560	13560	12340	75	18980

AGRIFLEX+ 363

R-1

SB

STEEL BELTED

SG

STUBBLE GUARD



Agriflex+ 363 Very High Flexion (VF) is a tire for modern methods of field spraying. It is an optimal tire for heavy and high-speed self-propelled sprayers. The VF tire construction enables working with high tire deflection, providing up to 40% higher load-carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. The large number of blocks and high rubber-to-void tread ratio, ensure long tread life, comfort, and low rolling resistance during transport operation on hard surfaces. A large tire footprint area provides high traction, reduces fuel costs, and minimizes soil compaction. The steel belted carcass structure ensures uniform ground pressure, puncture protection, and extended tread life.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Not high and sustained torque; Road transport										Inflation Pressure	Cyclic*
								mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
		in	in	in	in		in	in	in	in	in	in	in	in	psi	psi	psi		
VF230/95R32	W8 W7	233	1250	585	3765	136D	3.2	2460	2350	2330	2310	2280	2240	2240	2040	4	3140		
		9.2	49.2	23	148.2		46	5420	5180	5140	5090	5030	4940	4940	4500	58	6920		
VF 270/95R32	W10	289	1326	609	3986	138D	2.4	2596	2478	2454	-	2407	2360	2360	2148	3.2	3304		
		11.4	52.2	24	156.9		35	5720	5460	5410	-	5310	5200	5200	4740	46	7280		
VF270/95R36	W10	286	1422	660	4287	140D	2.4	2750	2625	2600	-	2550	2500	2500	2275	3.2	3500		
		11.3	56	26	168.8		35	6060	5790	5730	-	5620	5510	5510	5020	46	7720		
VF 270/95R38	DW10	291	1473	681	4432	141D	2.4	2833	2704	2678	-	2627	2575	2575	2343	3.2	3605		
		11.5	58	26.8	174.5		35	6250	5960	5900	-	5790	5680	5680	5170	46	7950		
VF380/80R38	DW12	380	1590	721	4788	154D	2.4	4020	3750	3750	3750	-	-	-	3410	3	5250		
		15	62.6	28.4	188.5		35	8860	8270	8270	8270	-	-	-	7520	44	11570		
VF320/105R46	W10 DW11	323	1840	849	5593	172D	4.8	6930	6620	6550	6490	6430	6300	6300	5730	5.6	8820		
		12.7	72.4	33.4	220.2		70	15280	14600	14440	14310	14180	13890	13890	12630	81	19450		
VF 320/90R46	DW10	302	1749	808	5333	155D	2.8	4263	4069	-	4030	3953	3875	3875	3526	3.6	5425		
		11.9	68.9	31.8	210		41	9400	8970	-	8890	8720	8540	8540	7770	52	11960		
VF380/90R46	W13 W12	375	1843	849	5348	173D	4.4	7150	6825	6760	-	6630	-	6500	5915	5.2	9100		
		14.7	72.5	33.4	210.5		64	15760	15050	14900	-	14620	-	14330	13040	75	20060		
VF380/90R46	W13 W12	390	1842	843	5609	175D	4.6	7590	7250	7180	7110	7040	6900	6900	6280	5.4	9660		
		15.4	72.5	33.2	220.8		67	16730	15980	15830	15680	15520	15210	15210	13850	78	21300		
VF 230/95R48	W9	249	1661	781	5076	146D	3.6	3300	3150	3120	-	3060	3000	3000	2730	4.4	4200		
		9.8	65.4	30.7	199.8		52	7280	6950	6880	-	6750	6610	6610	6020	64	9260		
VF320/90R50	DW12	338	1844	862	5617	166D	4.4	5830	5565	5512	-	5406	-	5300	482	5.2	7420		
		13.3	72.6	33.9	221.1		64	12850	12270	12150	-	11920	-	11680	10630	75	-		
VF380/105R50	W13 W12	400	2050	946	6206	179D	4.4	8525	8138	8060	7983	7905	7750	7750	7053	5.2	10850		
		15.7	80.7	37.2	244.3		64	18790	17940	17770	17600	17430	17090	17090	15550	75	16360		
VF420/95R50CFO	W14L W13	419	2068	943	6227	179D	3.6	2830	2700	2680	2650	2630	2575	2575	2340	4.4	3610		
		16.5	81.4	37.1	245.2		52	6240	5950	5910	5840	5800	5680	5680	5160	64	7960		
VF480/80R50	DW16L DW15L	479	2038	937	6165	169D	2	6380	6090	6032	-	5916	5800	5800	5278	2.8	8120		
		18.9	80.2	36.9	242.7		29	14070	13430	13300	-	13040	12790	12790	11640	41	17900		
VF480/80R50	DW16L DW15L	479	2038	937	6165	177D	3.2	8030	7665	7592	7519	7446	7300	7300	6643	4	10220		
		18.9	80.2	36.9	242.7		46	17700	16900	16740	16580	16420	16090	16090	14650	58	22530		
VF270/95R54	W10	290	1893	894	5763	156D	3.6	4400	4200	4160	-	4080	4000	4000	3640	4.4	5600		
		11.4	74.5	35.2	226.9		52	9700	9260	9170	-	9000	8820	8820	8030	64	12350		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR	Infi press	Recommended Load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD					Tractor Application								Infi press	Cyclic Field Operation (CFO)	
		mm	mm	mm	mm	Symbols	bar	10	15	20	25	30	40	65	70		15	30
		in	in	in	in		psi	6	9	12	16	19	25	40	43	bar	9	19
VF420/95R50	W14L W13	419	2068	939	6206	181D	4.4	9080	8660	8580	8500	8420	8250	8250	7510	4.4	11180	9360
	DW14L	16.5	81.4	37	244.3		64	20020	19090	18920	18740	18560	18190	18190	16560	64	24650	20640

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)													
								Speed, km/h (mph)													
		SW	OD					Tractor													
		mm	mm	mm	mm	bar	5	10	15	20	25	30	35	40	45	50	55	60	65		
		in	in	in	in	psi	3	6	9	12	16	19	22	25	28	31	34	37	40		
VF320/85R34	W11	323	1408	640	4206	143D	2	3379	2998	2861	2834	2807	2780	2752	2725	2725	2725	2725	2725		
	W10	12.7	55.4	25.2	165.6		29	7450	6610	6310	6250	6190	6130	6070	6010	6010	6010	6010	6010		

350

R-1



The Alliance 350 is a special line of radial narrow tires for all types of cultivation, harvesting and spraying jobs. The tire is characterized by round shoulders for soil and crop protection. A tough casing and rigid belt provides all the advantages of radial construction. This tire is used as front wheel in Row Crop applications.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press.	Recommended load, kg (lbs)												Infl. press.	Cyclic operation	
		SW	OD					Speed, km/h (mph)														
								Mixed application														
				mm	mm	mm	mm	Symbols	bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	65 40	70 43	bar psi	10 6	15 9
in	in	in	in																			
230/95R28	W8	241	1140	531	3418	109A8	1.6	1102	1545	-	1267	-	1102	1030	937	-	-	2	1751	1597		
		9.5	44.9	20.9	134.6	106B	23	2430	3410	-	2790	-	2430	2270	2070	-	-	29	3860	3520		
11.2R32 (270/95R32)	W9 W10 W8	284	1300	604	3946	132D	3.2	4600	3000	2680	-	2370	-	2190	2100	2000	1820	4	3400	3100		
		11.2	51.2	23.8	155.4	135A8	46	10140	6610	5910	-	5230	-	4830	4630	4410	4010	58	7500	6830		
210/95R32 (8.3R32)	W7	214	1213	554	3539	1116D	2.4	2880	1880	1680	-	1480	-	1370	1310	1250	1140	3	2130	1940		
		8.4	47.8	21.8	139.3	119A8	35	6350	4150	3700	-	3260	-	3020	2890	2760	2510	49	4700	4280		
230/95R32 (9.5R32)	W7	228	1251	582	3821	128D	4	4140	2700	2410	-	2130	-	1970	1890	1800	1640	5	3060	2790		
		9	49.3	22.9	150.4	131A8	58	9130	5950	5310	-	4700	-	4340	4170	3970	3620	73	6750	6150		
320/85R34 (12.4R34)	W11 DW11 W10 W9	329	1408	652	4239	141A8	3.6	5920	3860	3450	-	2860	2760	2575	2340	-	-	4.5	4380	3990		
		13	55.4	25.7	166.9	138B	52	13050	8510	7610	-	6310	6090	5680	5160	-	-	65	9660	8800		
210/95R36 (8.3R36)	W7	211	1290	619	3954	118D	3.6	3040	1980	1770	-	1560	-	1450	1390	1320	1200	4.5	2240	2050		
		8.3	50.8	24.4	155.7	121A8	52	6700	4370	3900	-	3900	-	3200	3060	2910	2650	65	4940	4520		
230/95R36 (9.5R36)	W7	228	1352	639	4154	130D	4	4370	2850	2550	-	2250	-	2080	2000	1900	1730	5	3230	2950		
		9	53.2	25.2	163.5	133A8	58	9630	628	5620	-	4960	-	4590	4410	4190	3810	73	7120	6500		
270/95R36 (11.2R36)	W9 W10	291	1410	645	4231	136D	3.6	5290	3450	3080	-	2730	-	2520	2420	2300	2090	4.5	3910	3570		
		11.5	55.5	25.4	166.6	139A8	52	11660	7610	6790	-	6020	-	5560	5340	5070	4610	65	8620	7870		
11.2R38 (270/95R38)	W10	284	1456	652	4496	137D	3.6	5290	3450	3080	-	2730	-	2520	2420	2300	2090	4.5	3910	3570		
		11.2	57.3	25.7	177	140A8	52	11660	7610	6790	-	6020	-	5560	5340	5070	4610	65	8620	7870		
230/95R40 (9.5R40)	W7 W8	241	1460	692	4471	132D	3.6	4600	3000	2680	-	2370	-	2190	2100	2000	1820	4.5	3400	3100		
		9.5	57.5	27.2	176	135A8	52	10140	6610	5910	-	230	-	4830	4630	4410	4010	65	7500	6830		
11.2R42 (270/95R42)	W9 W10 W10A W8	284	1565	742	4832	139D	3.6	5590	3650	-	-	2880	2790	2650	2550	2430	2210	4.5	4130	3770		
		11.2	61.6	29.2	190.2	142A8	52	12320	8050	-	-	6350	6150	5840	5620	5360	487	65	9110	8310		
230/95R42 (9.5R42)	W7	228	1505	712	4618	133D	4	2204	3090	2760	-	2440	-	2260	2160	2060	1870	5	3500	3190		
		9	59.3	28	181.8	136A8	58	4860	6810	6090	-	5380	-	4980	4760	4540	4120	73	7720	7030		
210/95R44 (8.3R44)	W7 8.3	211	1495	180	4674	126D	3.6	1819	2550	2280	-	2010	-	1860	1790	1700	1550	4.5	2890	2640		
		58.9	7.1	184	4674	129A8	52	4010	5622	5027	-	4431	-	4101	3946	3748	3417	65	6371	5820		
230/95R44 (9.5R44)	W7 W8	241	1550	745	4821	134D	3.6	4876	3180	-	2608	-	2438	2321	2226	2120	1929	4.5	3604	3286		
		9.5	61	29.3	189.8	137A8	52	10750	7010	-	5750	-	5380	5120	4910	4670	4250	65	7950	7240		
270/95R44 (11.2R44)	W9 W8 W10	275	1632	770	4992	142D	4	6095	3975	-	3260	-	3048	2902	2783	2650	2412	5	4505	4108		
		10.8	64.3	30.3	196.5	145A8	58	13440	8760	-	7190	-	6720	6400	6140	5840	5320	73	9930	9060		
270/95R46 (11.2R46)	W9 W10	275	1665	789	5122	141D	3.6	5920	3860	3450	-	3050	-	2820	2700	2575	2340	4.5	4380	3990		
		10.8	65.6	31.1	201.7	144A8	52	13050	8510	7610	-	6720	-	6220	5950	5670	5160	65	9630	8800		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)												Infl. press.	Cyclic operation	
		Speed, km/h (mph)																				
		Mixed application																				
		SW	OD						Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	65 40	70 43	bar psi	10 6	15 9	
mm	mm	mm	mm	mm	mm	bar psi																
in	in	in	in	in	in																	
300/95R46 (12.4R46)	W9 W10 W11 DW10 DW11	315	1727	808	5294	148D	4	7250	4730	4220	-	3730	-	3450	3310	3150	2870	5	5360	4880		
		12.4	68	31.8	208.4	151A8	58	15980	10430	9300	-	8220	-	7610	7300	6950	6330	73	11820	10760		
320/90R46 (12.4R46)	W11 W10	315	1727	809	5279	148D	3.6	-	4730	-	3870	3730	3620	3450	3310	3150	-	4.5	5360	4880		
		12.4	68	31.9	207.8	151A8	52	-	10430	-	8530	8220	7980	7610	7300	6950	-	65	11820	10760		
340/85R46 (13.6R46)	W12	340	1760	820	5348	150D	3.6	3585	5030	4490	-	3970	-	3670	3520	3350	3050	4.5	5700	5190		
		13.4	69.3	32.3	210.6	153A8	52	7900	11090	9900	-	8750	-	8090	7760	7390	67	65	12570	11440		
380/90R46 (14.9R46)	W13 W12	385	1824	864	5633	172D	5.8	6741	9450	8440	-	7470	-	6900	6620	6300	5730	7.25	10710	9770		
		15.2	71.8	34	221.8	175A8	84	14860	20830	18610	-	16470	-	15210	14600	13890	12630	105	23610	21540		
270/95R48 (11.2R48)	W9 W10 W8	284	1710	814	5319	142D	3.6	6100	3980	3550	-	3140	-	2900	2780	2650	2410	4.5	4510	4110		
		11.2	67.3	32	209.4	145A8	52	13450	8770	7830	-	6920	-	6390	6130	5840	5310	65	9940	9060		
340/85R48 (13.6R48)	W12 W11	353	1805	856	5621	151D	4.2	7940	5180	4620	-	4090	-	3780	3620	3450	3140	5.25	5870	5350		
		13.9	71.1	33.7	221.3	154A8	61	17510	11420	10190	-	9020	4600	8330	7980	7610	6920	76	12940	11800		
9.5R48 (230/95R48)	W7 W8	241	1650	787	5156	136D	4	5150	3360	3000	-	2650	-	2450	2350	2240	2040	5	3810	3470		
		9.5	65	31	203.1	139A8	58	11350	7410	6610	-	5840	-	5400	5180	4940	4500	73	8400	7650		
320/90R50 (12.4R50)	W9 W11	325	1867	872	5684	150D	3.6	5150	3360	3000	-	2650	-	2450	2350	2240	2040	5	3810	3470		
		12.8	73.5	34.3	223.8	153A8	52	11350	7410	6610	-	5840	-	5400	5180	4940	4500	73	8400	7650		
380/90R50 (14.9R50)	W12 W13	384	1950	916.8	5916	151D	2.4	7940	5180	4620	4240	-	3970	2500	3620	3450	3140	3	5870	5350		
						154A8	35	17510	11420	10190	9350	-	8750	5510	7980	7610	6920	44	12940	11800		
						158D	3.6	4548	6380	5700	-	5040	-	4650	4460	4250	3870	4.5	7230	6590		
						161A8	52	10030	14070	12570	-	11110	-	10250	9830	9370	8530	65	15940	14530		
380/105R50	W12B W13B DW13B	405	2050	952	6196	168D	4.4	3585	5030	4490	-	3970	-	3670	3520	3350	3050	4.5	5700	5190		
		15.9	80.7	37.5	243.9	171A8	64	7900	11090	9900	-	8750	-	8090	7760	7390	6720	65	12570	11440		
300/95R52 (12.4R52)	W10 W9	310	1890	887	5781	156D	4.8	5992	8400	7500	-	6640	-	6130	5880	5600	5100	5.5	9520	8680		
		12.2	74.4	34.9	227.6	159A8	70	13210	18520	16540	-	14640	-	13510	12960	12350	11240	80	20990	19140		
270/95R54 (11.2R54)	W9	285	1900	898.5	5807	146D	4	6900	4500	4020	-	3560	-	3290	3150	3000	2730	4.5	4760	4340		
		11.2	74.8	35.4	228.6	149A8	58	15212	9921	8863	-	7848	-	7253	6945	6614	6019	73	11244	10251		
320/90R54 (12.4R54)	W10A W10	325	1958	927	5994	151D	3.6	7940	5180	4620		4090		3780	3620	3450	3140	4.5	5870	5350		
		12.8	77.1	36.5	236	154A8	52	17510	11420	10190		9020		8330	7980	7610	6920	65	12940	11800		
380/90R54	W12 W11	388	2055	950	6171	152D	2.4	8050	5250	4690	-	4150	-	3830	3680	3830	3680	3	5950	5430		
						155A8	35	17750	11570	10340	-	9150	-	8440	8110	7720	7030	44	13120	11970		
						171D	5.4	-	9230	-	7560	7290	7070	6730	6460	6150	-	6.75	10460	9530		
						174A8	78	-	20350	-	16670	16070	15590	14840	14240	13560	-	98	23060	21010		

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	PR Load Index / Star Rating	Infl. press.	Recommended Load, kg (lbs)											
		Speed, km/h (mph)																	
		Not high and sustained torque:Road transport								CYCLIC OPERATION									
		SW	OD							10	20	25	30	40	50	65	bar	10	15
		mm	mm	mm	mm	Speed	bar	10	20	25	30	40	50	65	bar	10	15		
in	in	in	in	Symbol	psi	6	12	16	19	25	31	40	psi	6	9				
340/85R48 (13.6R48)	W12 W11	353	1805	855.9	5621	156D	4.6	6000	4920	4740	4600	4380	4200	4000	5.75	6800	6200		
		13.9	71.1	33.7	221.3	159A8	67	13228	10847	10450	10141	9656	9259	8818	83	14991	13669		
270/95R54	W10 W9	285	1900	901.7	5862	156D	5.6	6000	4920	4740	4600	4380	4200	4000	7	6800	6200		
		11.2	74.8	35.5	230.8	159A8	81	13228	10847	10450	10141	9656	9259	8818	102	14991	13669		
380/90R54	W12 W11	388	2055	961.6	6257	171D	5.4	9230	7560	7290	7070	6730	6460	6150	6.75	10460	9530		
		15.3	80.9	37.9	246.3	174A8	78	20349	16667	16072	15587	14837	14242	13558	98	23060	21010		

551 MULTIUSE PROFESSIONAL

R-4



The 551 MULTIUSE PROFESSIONAL is specially designed for tractors and agro-industrial machines toiling on roads. Unique tread design with sipes provide superior grip in dry, wet and snow conditions and ensure excellent riding experience. Its special compound formulation assures smooth functioning even in extreme low temperatures. The robust steel belted construction guarantees excellent durability round the year.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Constant Load												
				mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 43
360/80R24	W11	357 14.1	1186 46.7	546 21.5	3564 140.3	138D 143A8	3.2 46	6230 13740	3398 7490	2879 6350	2832 6240	2725 6010	2549 5620	2431 5360	2360 5200	2148 4740
		400/80R24	DW13	408 16.1	1253 49.3	572 22.5	3709 146	144D 149A8	3.2 46	7392 16300	4032 8890	3416 7530	3360 7410	3250 7170	3024 6670	- -
420/65R24	DW13			417 16.4	1158 45.6	525 20.7	3471 136.7	146D 151A8	4 58	7920 17460	4320 9520	3660 8070	3600 7940	3450 7610	3240 7140	- -
		440/80R24	DW14L	445 17.5	1313 51.7	596 23.5	3887 153	149D 154A8	3.2 46	8580 18920	4680 10320	3965 8740	3900 8600	3750 8270	3510 7740	- -
400/80R28	W13			405 15.9	1358 53.5	621 24.4	4049 159.4	146D 151A8	3.2 46	7920 17460	4320 9520	3660 8070	3600 7940	3450 7610	3240 7140	3090 6810
		440/80R28	DW14	432 17	1416 55.7	648 25.5	4258 167.6	151D 156A8	3.2 46	9108 20080	4968 10950	4209 9280	4140 9130	4968 8820	4209 8210	4140 7610
540/65R30	DW18L			544 21.4	1465 57.7	674 26.5	4413 173.7	156D 161A8	3.2 46	10560 23280	5760 12700	4880 10760	4800 10580	4625 10200	4320 9520	4000 8820
		440/80R34	DW14L	437 17.2	1572 61.9	725 28.5	4746 186.9	155D 159A8	3.2 46	10230 22550	5580 12300	4728 10420	4650 10250	4375 9650	4185 9230	- -
480/80R34	DW15L			475 18.7	1639 64.5	751 29.6	4942 194.6	159D 164A8	3.2 46	11500 25350	6250 13780	5450 12020	5280 11640	5000 11020	4780 10540	- -
		480/80R38	DW15L	479 18.9	1735 68.3	796 31.3	5262 207.2	161D 166A8	3.2 46	12210 26920	6660 14680	5643 12440	5550 12240	5300 11680	4995 11010	- -
540/80R38	DW18			557 21.9	1833 72.2	839 33	5543 218.2	167D 172A8	3.2 46	14388 31720	7848 17300	6649 14660	6540 14420	4000 8820	5886 12980	- -
		650/65R42	DW20B	626 24.6	1918 75.5	881 34.7	5779 227.5	171D 176A8	3.2 46	16236 35790	8856 19520	7749 17080	7380 16270	7100 15650	6642 14640	6335 13970

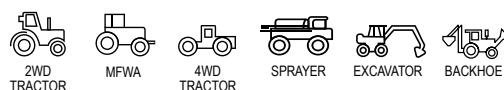
MULTIUSE 550

R-4

SB

SC

STEEL BELTED SPECIAL COMPOUND



550 MULTIUSE pattern is used in agricultural applications because of its versatile tread design. Specific block tread design enables high performances on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides a good grip on soft surfaces. In addition, high number of blocks and rubber to void tread ratio, enables long tread wear life and low rolling resistances during transport operation on hard surfaces.

Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure. In addition, steel belts provide the most efficient puncture protection.



TRACTOR

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)											
		Speed, km/h (mph)																	
		Constant load												Cyclic operation					
		SW	OD				Static	10 6	20 12	25 16	30 19	40 25	50 31	65 40	70 43	10 6	15 9		
		mm in	mm in				mm in	mm in	bar psi										
250/80R16	W8	267	815	368	2470	126A8	4.5	4092	2232	1953	1860	1700	1674	1597	1550	1411	2682	2387	
		10.5	32.1	14.5	97.2	123D	65	9021	4921	4306	4101	3748	3691	3521	3417	3111	5913	5262	
340/80R18IND (12.5R18IND)	DW11	343	1002	450	2957	143A8	4	6230	3398	2974	-	2832	2714	2549	2360	2148	4080	3630	
		13.5	39.4	17.7	116.4	138D	58	13740	7490	6560	-	6240	5980	5620	5200	4740	9000	8000	
360/80R24IND (13.6R24IND)	DW11	357	1184	540	3545	143A8	3.2	6230	3398	2974	-	2832	2714	2549	2360	2148	4080	3630	
		14.1	46.6	21.3	139.6	138D	46	13740	7490	6560	-	6240	5980	5620	5200	4740	9000	8000	
400/80R24IND (14.9R24IND)	W13	404	1249	566	3730	149A8	3.2	7392	4032	3528	-	3360	3220	3024	2800	2548	4840	4310	
		15.9	49.2	22.3	146.9	144D	46	16300	8890	7780	-	7410	7100	6670	6170	5620	10670	9500	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)										
		Speed, km/h (mph)																
		SW	OD	Constant load										Cyclic operation				
				mm in	mm in		mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	65 40	70 43
460/65R24	DW14L	434	1209	546	3597	156A8	4	9108	4968	4347	-	4140	4000	3726	3450	3140	5969	5313
		17.1	47.6	21.5	141.6	151D	58	20080	10953	9583	-	9127	8818	8214	7606	6923	13159	11713
480/80R26IND (18.4R26)	W15	479	1428	634	4248	160A8	3.2	10350	5625	4905	4770	4680	4500	4095	-	-	6750	6030
		18.9	56.2	25	167.2	160B	46	22820	12400	10810	10520	10320	9920	9030	-	-	14880	13290
400/80R28IND (14.9R28IND)	DW13L	404	1352	616	4039	151A8	3.2	7920	4320	3780	-	3600	3450	3240	3000	2730	5190	4620
		15.9	53.2	24.3	159	146D	46	17460	9520	8330	-	7940	7610	7140	6610	6020	11440	10190
440/80R28IND (16.9R28IND)	DW14L	440	1418	646	4260	156A8	3.2	9108	4968	4347	-	4140	3968	3726	3450	3140	5970	5310
		17.3	55.8	25.4	167.7	151D	46	20080	10950	9580	-	9130	8750	8210	7610	6920	13160	11710
540/65R30IND	DW18	550	1464	678	4481	161A8	3.2	10560	5760	5040	-	4800	4600	4320	4000	3640	6920	6160
		21.7	57.6	26.7	176.4	156D	46	23280	12700	11110	-	10580	10140	9520	8820	8030	15260	13580
440/80R34IND (16.9R34IND)	DW14	441	1568	718	4739	155D	3.2	10230	5580	4883	-	4650	4456	4185	3875	3526	6700	5970
		17.4	61.7	28.3	186.6	159A8	46	22550	12300	10770	-	10250	9820	9230	8540	7770	14770	13160
480/80R34 (18.4R34) IND	DW15L	479	1629	742	4933	164A8 159D	3.2	11500	6250	5450	5300	5200	5000	4550	-	-	7500	6700
	DW13L DW14L DW16L DW13	18.9	64.1	29.2	194.2		46	25350	13780	12020	11680	11460	11020	10030	-	-	16540	14770
480/80R38IND (18.4R38IND)	DW15L	479	1728	785	5202	161D	3.2	12210	6660	5828	-	5550	5319	4995	4625	4209	8000	7120
		18.9	68	30.9	204.8	166A8	46	26920	14680	12850	-	12240	11730	11010	10200	9280	17640	15700
540/80R38IND (20.8R38IND)	DW18	546	1824	836	5503	172A8	3.2	14388	7848	6867	-	6540	6268	5886	5450	4960	9430	8390
		21.5	71.8	32.9	216.7	167D	46	31720	17300	15140	-	14420	13820	12980	12020	10940	20790	18500
650/65R38	DW20B	645	1814	822	5483	170D	3.2	15840	8640	7560	-	7200	6900	6480	6000	-	10380	9240
		24.6	71.4	32	212.6	175A8	46	34920	19050	16670	-	15870	15210	14290	13230	-	22880	20370
650/65R42IND	DW20	645	1913	872	5766	176A8	3.2	16236	8856	7749	-	7380	7073	6642	6150	5597	10640	9470
	DW20ADW18L	25.4	75.3	34.3	227	171D	46	35790	19520	17080	-	16270	15590	14640	13560	12340	23460	20880

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)							
		Speed, km/h (mph)								Infl. press.	Cyclic Operation				
		SW	OD	NonCyclic Operation											
				mm	mm		mm	mm	Static			10 6	25 16	30 19	40 25
				in	in	in	in	bar psi							
VF650/65R38	DW20B 38	624	1814	813	5399	180D	3.2	9920	8800	8240	8160	8000	8000	4	11200
		24.6	71.4	32	212.6		46	21870	19400	18170	17990	17640	17640	58	24690

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD													
		mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	
		in	in	in	in		bar psi	Static	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
365/70R18	W1118 W1218	355	969	439	2887	146A2	3.75	4800	3000	2400	2350	2310	2270	2250	2220	2180
	11SDC18 12SDC18	14	38.1	17.3	113.7	135B	54	10580	6610	5290	5180	5090	5000	4960	4890	4810

INDUSTRIAL TRACTOR

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)												
								Speed, km/h (mph)												
		SW	OD	Constant load								Cyclic Applications								
				mm	mm		mm	mm	mm	mm	mm	mm	Static	10 6	20 12	25 16	30 19	40 25	50 31	65 40
		in	in	in	in		in	in	bar psi											
300/80R24	DW10 W9 W11 DW11	295	1092	502	3262	128D	3.2	4740	2580	-	2250	2170	2060	1970	1800	3500	3190			
		11.6	43	19.8	128.4	133A8	46	10450	5690	-	4960	4780	4540	4340	3970	7720	7030			
360/80R24 (13.6R24) IND	DW11	357	1184	540	3545	143A8	3.2	6268	3406	2970	889	2834	2725	2480	-	4088	3652			
		14.1	46.6	21.3	139.6	138D	46	13820	7510	6550	6370	6250	6010	5470	-	9010	8050			
480/65R24	DW15L DW14L DW16L	480	1240	562	3726	146D	3.2	7940	4310	-	3760	3640	3450	3290	3000	5870	5350			
		18.9	48.8	22.1	146.7	151A8	46	17510	9500	-	8290	8030	7610	7250	6610	12940	11800			
540/65R24	DW15L DW16L DW18L	541	1312	592	3953	154D	3.2	9780	5310	-	4630	4480	4250	4060	3750	7230	6590			
		21.3	51.7	23.3	155.6	158A8	46	21560	11710	-	10210	9880	9370	8950	8270	15940	14530			
480/65R28	DW15L DW14L DW16L	475	1336	607	4020	149D	3.2	8630	4690	-	4090	3960	3750	3580	3250	6380	5810			
		18.7	52.6	23.9	158.3	154A8	46	19030	10340	-	9020	8730	8270	7890	7170	14070	12810			

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		Constant load								Cyclic Applications							
		mm in	mm in				mm in	mm in	Static	10 6	20 12	25 16	30 19	40 25	50 31	65 40	10 6
480/80R30	DW15L	470	1531	695	4615	157D	3.2	10930	5940	-	5180	5010	4750	4540	4125	8080	7360
	DW16L DW18L	18.5	60.3	27.4	181.7	162A8	46	24100	13100	-	11420	11050	10470	10010	9090	17810	16230
650/85R38IND	DW23B	673	2067	913	6230	177D	2.4	18980	10310	-	8990	8700	8250	7880	7300	14030	12790
	DW21B DW20A	26.5	81.4	35.9	245.3	181A8	35	41840	22730	-	19820	19180	18190	17370	16090	30930	28200
650/65R42IND	DW20A DW18L	638	1913	858	5784	171D	3.2	16330	8880	-	7740	7490	7100	6780	6150	12070	11010
		25.1	75.3	33.8	227.7	176A8	46	36000	19580	-	17060	16510	15650	14950	13560	26610	24270
710/70R42	DW23B42	716	2053	937	6187	177D	2.8	19270	10510	-	9200	8760	8400	7880	7300	12630	11240
	DW25B42	28.2	80.8	36.9	243.6	181A8	41	42480	23170	-	20280	19310	18520	17370	16090	27840	24780

360



Alliance 360 is an extra wide tire available in radial for use in agricultural tractors and combine harvesters for farming. It is characterised by increased load capacity for the same inflation pressure. This means that the low inflation pressure combined with large footprint helps reduce soil compaction. Low angled lugs of the tire at the shoulder area improve traction, while higher angles around the tire centre line improve ride comfort. This leads to increased tire traction efficiency by an effective traction/slip characteristic. Also the strong radial construction with reinforced beads and sidewalls provide long tire life.



TRACTOR RADIAL HIGH SPEED

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)							
								PR							
								Symbols							
		SW	OD					Non cyclic operation						Infl. press bar psi	Cyclic operation
		mm in	mm in	mm in	mm in		bar psi	Field	25 16	40 25	50 31	65 40	70 43		10 6 15 9
650/75R32	DW21A, DW20A	625 24.6	1800 70.9	801 31.5	5357 212.7	172D 175A8	3.2 46	7250 15980	7470 16470	6900 15210	6620 14600	6300 13890	5730 12630	4 58	10710 23610 9770 21540
	DW27B, DH25B, DH27B	800 31.5	1850 72.8	825 32.5	5533 217.8	181A8 178B	3.6 52	18980 41840	12380 27290	9160 20190	8830 19470	8250 18190	7510 16560	4.32 63	14030 30930 - -
800/65R32	DW27B, DH25B, DH27B	800 31.5	1850 72.8	825 32.5	5533 217.8	173D 176A8	2.4 35	7480 16490	7700 16980	7120 15700	6830 15060	6500 14330	5920 13050	3 44	11050 24360 10080 22220

TRACTOR

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press	Field operation			Recommended load, kg (lbs)					
											Speed, km/h (mph)					
		SW	OD					Not high and sustained torque; Road transport								
								mm in	mm in	mm in	mm in	bar psi	10 6	10 6	20 12	Static
VF750/65R26 (28LR26)NRO	DW25B	751	1623	700	4769	158A8	1.2	9780	-	-	4680	4380	4340	4250	3870	4340
	DW25A DW23A 23	29.6	63.9	27.6	187.8	155B	17	21561	-	-	10318	9656	9568	9370	8532	9568
650/65R38	DW20A	645 25.4	1835 72.2	830 32.7	5500 216.5	154A8	1.2	4010	5250	4500	8630	5630	4160	4010	3750	3410
						151B	17	8840	11570	9920	19030	12410	9170	8840	8270	7520
						178A8	3.5	8030	10500	9000	17250	11250	8330	8030	7500	6890
						175B	51	17700	23150	19840	38030	24800	18360	17700	16540	15190

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)																	
								Speed, km/h (mph)																	
		SW	OD					Constant load										Cyclic Operation							
								mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
								in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in
600/65R28	W18L	597	1480	666.7	4382	154D	2.4	5830	12540	8180	7300	6700	6460	6270	5970	5450	4960	3	9270	8450					
		23.5	58.3	26.2	172.5	157A8	35	12853	27646	18034	16094	14771	14242	13823	13162	12015	10935	44	20437	18629					

FarmPRO II of agricultural radial tires have multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Drive wheel application					
		mm	mm	mm	bar	Static	10 6	25 16	30 19	40 25	50 31		
in	in	in	psi										
250/85R24(9.5R24)	W8 24	246	1037	476	3067	109A8	1.6	2370	1550	1140	1100	1030	1030
	W7 24 W9 24	9.7	40.8	18.7	120.7	109B	23	5230	3420	2510	2430	2270	2270
280/85R24(11.2R24)	W10 24	282	1086	502	3228	115A8	1.6	2790	1820	1350	1300	1215	1215
	W9 24	11.1	42.8	19.8	127.1	115B	23	6150	4010	2980	2870	2680	2680
380/85R24(14.9R24)	W12 24	391	1245	557	3661	131A8	1.6	4490	2930	2160	2090	1950	1950
		15.4	49	21.9	144.1	131B	23	9900	6460	4760	4610	4300	4300
420/85R24(16.9R24)	W15L 24	418	1324	591	3715	137A8	1.6	5290	3450	2550	2460	2300	2300
		16.5	52.1	23.3	146.3	137B	23	11662	7606	5622	5423	5071	5071
380/85R26(14.9R26)	W12 26	380	1290	594	3800	127A8	1.6	4030	2630	1940	1870	1750	1750
		15	50.8	23.4	149.6	127B	23	8890	5800	4280	4120	3860	3860
420/85R26(16.9R26)	W15L 26	429	1370	625	4072	135A8	1.8	5430	3540	2620	2530	2360	2360
		16.9	53.9	24.6	160.3	135B	26	11970	7800	5780	5580	5200	5200
250/85R28(9.5R28)	W8 28	250	1137	524	3325	112A8	1.6	4030	2630	1940	1870	1750	1750
		9.8	44.8	20.6	130.9	112B	23	8890	5800	4280	4120	3860	3860
280/85R28	W9 28	280	1187	539	3492	118A8	1.6	3036	1980	1624	1412	1320	1201
		11	46.7	21.2	137.5	118B	23	6690	4370	3580	3110	2910	2650
320/85R28(12.4R28)	W11 28	324	1246	574	3633	124A8	1.6	3680	2400	1780	1710	1600	1600
		12.8	49.1	22.6	143		23	8110	5290	3920	3770	3530	3530
380/85R28(14.9R28)	W12 28	380	1357	607	3990	133A8	1.6	4740	3090	2290	2200	2060	2060
	W11 28 W13 28	15	53.4	23.9	157.1	133B	23	10450	6810	5050	4850	4540	4540
420/85R28(16.9R28)	W15 28	438	1420	630	4178	139A8	1.6	5590	3650	2700	2600	2430	2430
		17.2	55.9	24.8	164.5	139B	23	12320	8050	5950	5730	5360	5360
380/85R30(14.9R30)	W12 30	380	1408	630	4124	135A8	1.6	5010	3270	2420	2330	2180	2180
		15	55.4	24.8	162.4	135B	23	11050	7210	5340	5140	4810	4810
420/85R30	W15 30	431	1468	658	4306	140A8	1.6	5750	3750	2780	2680	2500	2500
	W14L 30 W13	17	57.8	25.9	169.5	140B	23	12680	8270	6130	5910	5510	5510
460/85R30(18.4R30)	W16 30	478	1524	684	4529	145A8	1.6	6670	4350	3220	3100	2900	2900
		18.8	60	26.9	178.3	145B	23	14710	9590	7100	6830	6390	6390
320/85R32(12.4R32)	W11 32 W9 32	325	1357	617	3974	126A8	1.6	3910	2550	1890	1820	1700	1700
	W10 32 DW11 32	12.8	53.4	24.3	156.5	126B	23	8620	5620	4170	4010	3750	3750
380/85R34(14.9R34)	W12 34	380	1510	674	4412	137A8	1.6	5290	3450	2550	2460	2300	2300
	W11 34 W13 24	15	59.4	26.5	173.7	137B	23	11660	7610	5620	5420	5070	5070
420/85R34(16.9R34)	W15 34	435	1578	715	4614	142A8	1.6	6100	3980	2940	2840	2650	2650
		17.1	62.1	28.1	181.7	142B	23	13450	8770	6480	6260	5840	5840
460/85R34(18.4R34)	W16L 34	479	1637	733	4792	147A8	1.6	7070	4610	3410	3290	3075	3075
		18.9	64.4	28.9	188.7	147B	23	15590	10160	7520	7250	6780	6780
320/85R36	W11 36 W10 36	325	1458	660	4327	128A8	1.6	4140	2700	2000	1930	1800	1800
	W9 36 DW11 36	12.8	57.4	26	170.4	128B	23	9130	5950	4410	4260	3970	3970
340/85R38(13.6R38)	W12 38	345	1543	732	4740	133A8	1.6	4740	3090	2290	2200	2060	2060
	W11 38	13.6	60.7	28.8	186.6	133B	23	10450	6810	5050	4850	4540	4540
340/85R38(13.6R38)	W12 W11	345	1543	732	4740	151A8	4.4	7940	5180	3830	3690	3450	3450
		13.6	60.7	28.8	186.6	151B	64	17505	11420	8444	8135	7606	7606
380/80R38(14.9R38)	W12 38	390	1569	728	4738	142A8	2.4	6100	3980	2940	2840	2650	2650
	W11 38 W13 38	15.4	61.8	28.7	186.5	142B	35	13448	8774	6482	6261	5842	5842
400/75R38(15.5R38)	W13 38 WH14L 38	400	1570	730	4642	134A8	1.6	4880	3180	2350	2270	2120	2120
	W12 38 W14L 38	15.7	61.8	28.7	182.8	134B	23	10760	7010	5180	5000	4670	4670
460/85R38(18.4R38)	DW15L W15L	455	1747	802.8	5194	153A8	2.4	8400	5480	4050	3910	3650	3650
	W16L DW16L	17.9	68.8	31.6	204.5	153B	35	18519	12081	8929	8620	8047	8047
520/85R38(20.8R38)	DW16L 38 TW16L 38	525	1850	819	5422	155A8	1.6	8910	5810	4300	4150	3875	3875
	DW18L 38 W18L 38	20.7	72.8	32.2	213.5	155B	23	19640	12810	9480	9150	8540	8540
	W16L 38												

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Drive wheel application					
		mm	mm	mm			bar	Static	10 6	25 16	30 19	40 25	50 31
		in	in	in	psi								
520/85R38(20.8R38)	DW16L TW16L	525	1850	836.8	5537	169A8	3.6	13340	8700	6440	6210	5800	5800
	DW18L W18L W16L	20.7	72.8	32.9	218	169B	52	29410	19180	14198	13691	12787	12787
520/85R42(20.8R42)	DW16L 42 W16L 42	516	1951	903	5776	157A8	1.6	9490	6190	4580	4410	4125	4125
	W15L 42 DD16L 42 W18L 42	20.3	76.8	35.6	227.4	157B	23	20920	13650	10100	9720	9090	9090
480/80R46	DW16L 46 W16L 46	490	1936	892	5788	158A8	2.4	9780	6380	4720	4550	4250	4250
	W15L 46 DW15LL 15	19.3	76.2	35.1	227.9	158B	35	21560	14070	10410	10030	9370	9370
480/80R46(18.4R46)	DW16L 46	479	1936	910	5994	176A8	5.1	16330	10650	7880	7600	7100	7100
		18.9	76.2	35.8	236	176B	74	36000	23480	17370	16760	15650	15650
520/85R46(20.8R46)	DW16L 46	516	2049	937	6053	158A8	1.6	9780	6380	4720	4550	4250	4250
		20.3	80.7	36.9	238.3	158B	23	21560	14070	10410	10030	9370	9370

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)							
		Speed, km/h (mph)													
		Drive Wheel Application													
		SW	OD	Static	10 6		15 9	25 16	30 19	40 25	50 31	65 40			
mm in	mm in	mm in	mm in	mm in	mm in	bar psi									
250/85R24	W8 24	246	1037	476	3067	109D	1.6	2370	1550	1380	1220	1180	1130	1080	1030
	W7 24	9.7	40.8	18.7	120.7		23	5230	3420	3040	2690	2600	2490	2380	2270
340/85R28 (13.6R28)	W12 28	355	1289	591	3755	127D	1.6	4020	2630	2350	2070	2010	1920	1840	1750
		14	50.7	23.3	147.8		23	8860	5800	5180	4560	4430	4230	4060	3860
380/85R28 (14.9R28)	W12 28 W11 28 W13 28	380	1352	607	3990	133D	1.6	4740	3090	2760	2440	2370	2260	2160	2060
		15	53.2	23.9	157.1		23	10450	6810	6090	5380	5230	4980	4760	4540
380/85R30 (14.9R30)	W12 30	380	1408	630	4124	135D	1.6	5010	3270	2920	2580	2510	2390	2290	2180
		15	55.4	24.8	162.4		23	11050	7210	6440	5690	5530	5270	5050	4810
460/85R30 (18.4R30)	DW15L 30 W16L 30 W15L 30 DW16L 30	478	1524	684	4529	145D	1.6	6670	4350	3890	3440	3330	3180	3050	2900
		18.8	60	26.9	178.3		23	14710	9590	8580	7580	7340	7010	6720	6390
320/85R34	W11 34	325	1407	638	4154	133D	1.6	4740	3090	2760	2440	2370	2260	2160	2060
		12.8	55.4	25.1	163.5		23	10450	6810	6090	5380	5230	4980	4760	4540
420/85R38 (16.9R38)	W15L 38 W14L 38 W13 38	415	1680	655	4949	144D	1.6	6440	4200	3750	3320	3220	3070	2940	2800
		16.3	66.1	25.8	194.8		23	14200	9260	8270	7320	7100	6770	6480	6170
480/80R42 (18.4R42)	DW16L 42	479	1835	841	5386	151D	1.6	7940	5180	4620	4090	3970	3780	3620	3450
		18.9	72.2	33.1	212		23	17510	11420	10190	9020	8750	8330	7980	7610

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Drive wheel application Log Skidder Application						
				mm in	mm in		mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25
280/85R24	W10 24 W9 24	282	1086	502	3228	115D	1.6	2790	1820	1440	1400	1330	1280	1215
		11.1	42.8	19.8	127.1		23	6150	4010	3180	3090	2930	2820	2680
420/85R24	W15L 24	438	1324	591	3715	137D	1.6	5290	3450	2730	2650	2520	2420	2300
		17.2	52.1	23.3	146.3		23	11660	7610	6020	5840	5560	5340	5070
460/85R38	W16L 38	475	1747	783	5194	149D	1.6	7470	4880	3850	3740	3560	3410	3250
		18.7	68.8	30.8	204.5		23	16470	10760	8490	8250	7850	7520	7170
520/85R38	DW16L 38 TW16L 38	525	1850	820	5422	155D	1.6	8910	5810	4590	4460	4240	4070	3875
		20.7	72.8	32.3	213.5		23	19640	12810	10120	9830	9350	8970	8540
520/85R46	DW16L 46	516	2049	937	6053	158D	1.6	9780	6380	5040	4890	4650	4460	4250
		20.3	80.7	36.9	238.3		23	21560	14070	11110	10780	10250	9830	9370

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended Load									
		Speed									Infl. press.	Cyclic operations					
		Tractor Application															
		SW	OD														
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	50 31	bar psi	10 6	15 9	
320/85R24 (12.4R24)	W11 W9 W10 DW11	336	1148	515	3398	142A8	4.6	6095	3975	3260	2836	2650	2412	5.75	4505	4108	
		13.2	45.2	20.3	133.8	142B	67	13440	8760	7190	6250	5840	5320	83	9930	9060	
460/85R38 (18.4R38)	W16	475	1747	783	5150	167A8	4.4	12535	8175	6704	5832	5450	4960	5.5	9265	8448	
		18.7	68.8	30.8	202.8	167B	64	27640	18020	14780	12860	12020	10940	80	20430	18630	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)								
		Speed, km/h (mph)														
		Tractor Application														
		SW	OD					Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
mm in	mm in	mm in	mm in			bar psi										
340/85R24 (13.6R24)	W12 24	353 13.9	1182 46.5	523 20.6	3485 137.2	125A8 125B	1.6	3795	2475	2210	2030	1830	1765	1700	1650	1650
	W11 24						23	8370	5460	4870	4480	4030	3890	3750	3640	3640

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)					
								Speed, km/h (mph)					
		SW	OD	Tractor Application									
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	25 16	30 19	40 25	50 31
460/85R26 (18.4R26)	DW15L 26 W15L 26, DW16A 26 W16L 26, DW16L 26	465 18.3	1424 56.1	638 25.1	4224 166.3	140A8 140B	1.6 23	5750 12680	3750 8270	2780 6130	2680 5910	2500 5510	2500 5510

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)							
		Speed, km/h (mph)													
		Drive wheel application													
		SW mm in	OD mm in				mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25	50 31
380/85R24 (14.9R24)	W12 24	386	1252	557	3661	131D	1.6	4485	2145	2005	1985	1950	1950	1950	
		15.2	49.3	21.9	144.1		23	4300	9890	4730	4420	4380	4300	4300	
280/85R28	W10 28 W9 28	280	1190	544	3526	118D	1.6	3040	1980	1560	1520	1450	1390	1320	
		11	46.9	21.4	138.8		23	6700	4370	3440	3350	3200	3060	2910	
320/85R28	W11 28	324	1246	574	3633	124D	1.6	3680	2400	1900	1840	1750	1680	1600	
		12.8	49.1	22.6	143		23	8110	5290	4190	4060	3860	3700	3530	
420/85R28 (16.9R28)	W15 28	438	1420	630	4178	139D	1.6	5589	2673	2502.9	2478.6	2430	2430	2430	
		17.2	55.9	24.8	164.5		23	12320	5890	5520	5460	5360	5360	5360	
420/85R30 (16.9R30)	W15 30 W14L 30 W13 30	431	1468	658	4306	140D	1.6	5750	2750	2575	2550	2500	2500	2500	
		17	57.8	25.9	169.5		23	12680	6060	5680	5620	5510	5510	5510	
320/85R32 (12.4R32)	W11 32 W9 32 W10 32 DW11 32	325	1357	617	3974	126D	1.6	3910	2550	2010	1960	1860	1790	1700	
		12.8	53.4	24.3	156.5		23	8620	5620	4430	4320	4100	3950	3750	
420/85R34 (16.9R34)	W15L 34	438	1578	706	4729	142D	1.6	6095	2915	2730	2700	2650	2650	2650	
		17.2	62.1	27.8	186.2		23	13440	6430	6020	5950	5840	5840	5840	
460/85R34 (18.4R34)	W16L 34	479	1637	733	4792	147D	1.6	7070	3380	3165	3135	3075	3075	3075	
		18.9	64.4	28.9	188.7		23	15590	7450	6980	6910	6780	6780	6780	
320/85R36	W11 36 W10 36 W9 36 DW11 36	325	1458	660	4327	128D	1.6	4140	2700	2130	2070	1970	1890	1800	
		12.8	57.4	26	170.4		23	9130	5950	4700	4560	4340	4170	3970	
340/85R38 (13.6R38)	W12 38 W11 38	345	1543	708	4551	133D	1.6	4740	3090	2445	2370	2260	2165	2060	
		13.6	60.7	27.9	179.2		23	10450	6810	5390	5230	4980	4770	4540	
380/80R38 (14.9R38)	W12 38 W11 38 W13 38	380	1573	728	4738	142D	2.4	6095	3980	3140	3050	2900	2790	2650	
		15	61.9	28.7	186.5		35	13440	8770	6920	6720	6390	6150	5840	
520/85R42 (20.8R42)	DW16L 42 W16L 42 W15L 42 DD16L 42	516	1951	888	5776	157D	1.6	9485	4535	4245	4205	4125	4125	4125	
		20.3	76.8	35	227.4		23	20910	10000	9360	9270	9090	9090	9090	
480/80R46 (18.4R46)	DW16L 46 W16L 46 W15L 46 DW14L 46 W14L 46	479	1936	892	5788	158D	2.4	4250	9775	4675	4375	4335	4250	4250	
		18.9	76.2	35.1	227.9		35	9370	21550	10310	9650	9560	9370	9370	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)					
								Speed, km/h (mph)					
		SW	OD	Tractor Application									
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	25 16	30 19	40 25	50 31
340/85R28(13.6R28)	W12 28	355	1289	591	3755	127A8	1.6	4030	2630	1940	1870	1750	1750
		14	50.7	23.3	147.8	127B	23	8890	5800	4280	4120	3860	3860
480/80R42(18.4R42)	DW16L 42	479	1835	841	5386	151A8	1.6	7935	5175	3830	3692	3450	3450
		18.9	72.2	33.1	212	151B	23	17490	11410	8440	8140	7610	7610

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)						
								Speed, km/h (mph)						
		SW	OD	Tractor Application										
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40
340/85R36 (13.6R36)	W12 36	353	1492	689	4335	132D	1.6	4600	3000	2370	2300	2190	2100	2000
	W11 36	13.9	58.7	27.1	170.7		23	10140	6610	5230	5070	4830	4630	4410

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)									
		Speed, km/h (mph)															
		Tractor															
		SW	OD														
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	65 40	70 43				
400/75R38 (15.5R38)	W13 38 WH14L 38	400 15.7	1570 61.8	730 28.7	4612 181.6	138D 138	1.6 23	5428 11970	4248 9370	3894 8590	3729 8220	3564 7860	3210 7080	2856 6300	2360 5200	2148 4740	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)						
		Speed, km/h (mph)												
		Tractor												
		SW	OD											
		mm	mm				mm	mm	bar	Static	10 6	20 12	30 19	40 25
in	in	in	in	psi										
460/85R34 (18.4R34)	14 34	479	1637	750	4885	157A8	3.03	9490	6190	5070	4410	4125	4125	
		18.9	64.4	29.5	192.3	157B	44	20920	13650	11180	9720	9090	9090	
460/85R38 (18.4R38)	W16 38	475	1747	783	5150	167A8	4.4	12535	8175	6704	5832	5450	4960	
		18.7	68.8	30.8	202.8	167B	64	27640	18020	14780	12860	12020	10940	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					mm in	mm in	Static	5 3	15 9	20 12	30 19
420/90R30	DW13	418	1518	684	4478	147A8/147B	2.4	7070	5230	4120	3780	3290	3075	3075
		16.5	59.8	26.9	176.3		35	15590	11530	9080	8330	7250	6780	6780

370

R-1W

SG

STUBBLE
GUARD

370 is a wide-base radial tire developed for modern and high-power tractors on the heavy-duty field and hauling applications. Special R1-W traction tread pattern, radial nylon casing, rigid belts, mudguard, and unique shoulder design ensure excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizing soil compaction and increasing flotation abilities. Strong nylon carcass, rigid belts, and endurance tread rubber compound provides long tire life.



TRACTOR

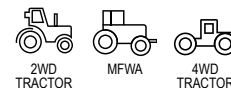
Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
				Not high and sustained torque; Road transport											
				mm in	mm in	mm in	mm in	Bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31
200/70R16	W6 6LB	198	686	315	2069	94A8	2.4	1540	1010	1	740	720	670	670	-
		7.8	27	12.4	81.5	94B	35	3400	2230	-	1630	1590	1480	1480	-
240/70R16	W8 W8L	245	740	335	2189	104D	2.4	2070	1350	1110	1070	1040	990	950	900
		9.6	29.1	13.2	86.2		35	4560	2980	2450	2360	2290	2180	2090	1980
260/70R16	W8W8L	258	776	358	2294	109D	2.4	2370	1550	1270	1220	1180	1130	1080	1030
		10.2	30.6	14.1	90.3		35	5230	3420	2800	2690	2600	2490	2380	2270
280/70R16	W8L W8	278	804	360	2392	112D	2.4	2580	1680	1380	1330	1290	1230	1180	1120
		10.9	31.7	14.2	94.2		35	5690	3700	3040	2930	2840	2710	2600	2470
280/70R18	W9 W8L	278	856	390	2544	114D	2.4	2710	1770	1450	1400	1360	1290	1240	1180
		10.9	33.7	15.4	100.2		35	5980	3900	3200	3090	3000	2840	2730	2600
260/70R20	W8 W8L	258	878	406	2595	113D	2.4	2650	1730	1410	1360	1320	1260	1210	1150
		10.2	34.6	16	102.2		35	5840	3810	3110	3000	2910	2780	2670	2540
360/70R20	W11 W10	360	1042	479	3125	129D	2.4	4260	2780	2280	2190	2130	2030	1940	1850
		14.2	41	18.9	123		35	9390	6130	5030	4830	4700	4480	4280	4080
380/70R20	W12 W11	380	1082	485	3157	122D	1.6	3450	2250	1850	1780	1730	1640	1580	1500
		15	42.6	19.1	124.3		23	7610	4960	4080	3920	3810	3620	3480	3310

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)											
		Speed, km/h (mph)								Tractor Application									
		SW	OD											Field	Static	10 6	15 9	20 12	25 16
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi													
260/65R16	W8L W8 W9	258	741	342	2212	106A8	2.4	1017	2185	1425	1273	1169	-	1017	979	950	865		
		10.2	29.2	13.5	87.1	103B	35	2240	4820	3140	2810	2580	-	2240	2160	2090	1910		
320/65R16	W11	319	835	375	2456	107A8	1.6	-	2243	1463	-	1199	-	1043	-	975	975		
		12.6	32.9	14.8	96.7	107B	23	-	4950	3230	-	2640	-	2300	-	2150	2150		
340/65R18	W11 W10 W12	343	899	401	2658	113A8	1.6	1231	2645	1725	1541	1415	-	1231	1185	1150	1047		
		13.5	35.4	15.8	104.6	110B	23	2710	5830	3800	3400	3120	-	2710	2610	2540	2310		
280/70R20	W10	278	912	415	2706	116A8	2.4	-	2875	1875	-	1538	-	1388	1338	1250	1138		
		10.9	35.9	16.3	106.5	113B	35	-	6340	4130	-	3390	-	3060	2950	2760	2510		
300/70R20	W9 W10	293	965	438	2867	120A8	2.4	1498	3220	2100	1876	1722	-	1498	1442	1400	1274		
		11.5	38	17.2	112.9	117B	35	3300	7100	4630	4140	3800	-	3300	3180	3090	2810		
320/70R20	W10 W9 W11	325	986	448	2956	123A8	2.4	1659	3565	2325	2077	1907	-	1659	1597	1550	1411		
		12.8	38.8	17.6	116.4	120B	35	3660	7860	5130	4580	4200	-	3660	3520	3420	3110		
340/65R20	W11	340	965	458	2868	124A8	2.4	-	3680	2400	-	1968	1776	1712	-	1600	1450		
		13.4	38	18	112.9	121B	35	-	8110	5290	-	4340	3920	3770	-	3530	3200		
320/70R24	W10	319	1098	500	3259	116A8	1.6	-	2875	1875	-	1538	1388	1338	-	1250	1138		
		12.6	43.2	19.7	128.3	113B	23	-	6340	4130	-	3390	3060	2950	-	2760	2510		
360/70R24	W11 W10	360	1152	525	3381	122A8	1.6	-	3450	2250	-	1845	1665	1605	-	1500	1365		
		14.2	45.4	20.7	133.1	119B	23	-	7610	4960	-	4070	3670	3540	-	3310	3010		
620/70R26	DW20	623	1497	661	4436	153A8	1.6	-	-	5480	-	4490	4050	3910	-	3650	3322		
		24.5	58.9	26	174.6	153B	23	-	-	12081	-	9899	8929	8620	-	8047	7324		
750/70R26	DW24	749	1750	774	5177	158A8	1.6	-	9780	6380	-	4720	-	4550	-	4250	3868		
		29.5	68.9	30.5	203.8		23	-	21560	14070	-	10410	-	10030	-	9370	8530		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)													
		Speed, km/h (mph)																			
		SW	OD				Not high and sustained torque; Road transport												Inflation Pressure	Cyclic application	
		mm in	mm in				mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 43	bar psi	10 6	15 9
480/70R30 (19.5LR30)	W15L DW15A W14L W16L W16A	479	1474	676	4564	147D	2.4	7070	4610	3780	3540	3370	3230	3120	3075	2800	3	5230	4770		
		18.9	58	26.6	179.7	144E	35	15590	10160	8330	7800	7430	7120	6880	6780	6170	44	11530	10520		

FARMPRO RADIAL 70

R-1W



The Alliance FarmPRO 70 Series Radial is a highly versatile range that represents the family of modern agricultural radial tires. The multi angle lug design with steep angles at the center enables smooth ride, along with self clearing characteristic. In addition, the shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall which enhances the tire's visual appeal.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Tractor Applications						
				mm in	mm in		mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19
280/70R20	W8L W9 W10	278	912	432	2845	116A8	2.4	2875	1875	-	1388	1338	1250	1250
		10.9	35.9	17	112		35	6340	4130	-	3060	2950	2760	2760
320/70R20	W10	325	986	445	2908	123A8 120B	2.4	3565	2325	1907	1721	1659	1550	1411
		12.8	38.8	17.5	114.5		35	7860	5130	4200	3790	3660	3420	3110
380/70R24	W12	380	1190	538	3472	125A8 125B	1.6	3795	2475	2030	-	1766	1650	1650
		15	46.9	21.2	136.7		23	8367	5456	4475	-	3893	3638	3638
320/70R28	W10	319	1189	547	3551	119A8 119B	1.6	3128	2040	1673	1510	1455	1360	1360
		12.6	46.8	21.5	139.8		23	6900	4500	3690	3330	3210	3000	3000
360/70R28	W11	357	1251	552	3593	125A8 125B	1.6	3795	2475	2030	1832	1766	1650	1650
		14.1	49.3	21.7	141.5		23	8370	5460	4480	4040	3890	3640	3640
600/70R28	DW20B	611	1551	696	4576	161A8 161B	2.8	-	6938	-	5134	4949	4625	4625
		24.1	61.1	27.4	180.2		41	-	15300	-	11320	10910	10200	10200
600/70R30	DW20B	611	1602	704	4659	152A8 152B	1.6	-	5475	-	4052	3906	3650	3650
		24.1	63.1	27.7	183.4		23	-	12070	-	8930	8610	8050	8050
480/70R34	W15L	479	1580	707.4	4678	143A8 143B	1.6	6300	2900	2800	-	2800	2725	-
		18.9	62.2	27.9	184.2		23	13889	6393	6173	-	6173	6008	-
710/70R38	DW23B	716	1958	904.5	5645	178A8 178B	3.4	17250	11250	9225	8325	8025	7500	7500
		28.2	77.1	35.6	222.2		49	38030	24802	20338	18353	17692	16535	16535
710/70R38	DW23B DW23B	716	1958	884	5744	178A8 178B	3.4	17250	11250	9225	8325	8025	7500	7500
		28.2	77.1	34.8	226.1		49	38030	24800	20340	18350	17690	16540	16540
710/70R38	DW23B DW23B	716	1958	904	5645	178A8 178B	3.4	17250	11250	9225	8325	8025	7500	7500
		28.2	77.1	35.6	222.2		49	38030	24800	20340	18350	17690	16540	16540

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		Non Cyclic application													
		SW	OD												
		mm	mm	mm	mm		bar	Static	10 6	20 12	25 16	30 19	40 25	50 31	65 40
in	in	in	in	psi											
280/70R20	W9 W8L	278	912	417	2688	116D	2.4	2880	1880	1540	1480	1440	1370	1310	1250
		10.9	35.9	16.4	105.8		35	6350	4150	3400	3260	3180	3020	2890	2760
320/70R20	W10	325	986	445	2908	123D	2.4	3570	2330	1910	1840	1780	1700	1630	1550
		12.8	38.8	17.5	114.5		35	7870	5140	4210	4060	3920	3750	3590	3420
600/70R28	DW20B	611	1552	696	4576	161D	2.8	10640	6940	5690	5480	5320	5060	4860	4625
		24.1	61.1	27.4	180.2		41	23460	15300	12540	12080	11730	11160	10710	10200
600/70R30	DW20B	611	1602	704	4659	152D	1.6	-	5330	4370	4210	4080	3890	3730	3550
		24.1	63.1	27.7	183.4		23	-	11750	9630	9280	9000	8580	8220	7830
710/70R38	DW23B	716	1958	885	5744	172D	2.4	14490	9450	7750	7470	7250	6900	6620	6300
	DW23B	28.2	77.1	34.8	226.1		35	31950	20830	17090	16470	15980	15210	14600	13890

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD				Non Cyclic application								Infl. press.	Cyclic Operation			
							mm in	mm in	mm in	mm in	Static	10 6	15 9	25 16		30 19	40 25	50 31	65 40

300/70R20	W9 20	293	956	438	2877	120A8	2.4	3220	2100	1880	1550	1500	1400	1400	-	3	2380	2170
		11.5	37.6	17.2	113.3	120B	35	7100	4630	4150	3420	3310	3090	3090	-	44	5250	4780
320/70R24	W10 W11	319	1094	505	3260	116A8	1.6	2880	1880	1680	1390	1340	1250	1250	-	2	2130	1940
		12.6	43.1	19.9	128.3	116B	23	6350	4150	3700	3060	2950	2760	2760	-	29	4700	4280
320/70R24	W10 W11	319	1094	505	3260	116D	1.6	2875	1875	1675	1481	1438	1369	1313	1250	2	2125	1938
		12.6	43.1	19.9	128.3		23	6340	4130	3690	3270	3170	3020	2900	2760	29	4690	4270
360/70R24	W11 W10	357	1152	512	3360	122A8	1.6	3450	2250	2010	1670	1610	1500	1500	-	2	2550	2330
		14.1	45.4	20.2	132.3	122B	23	7610	4960	4430	3680	3550	3310	3310	-	29	5620	5140
360/70R24	W11 W10	357	1152	512	3360	122D	1.6	3450	2250	2010	1778	1725	1643	1575	1500	2	2550	2325
		14.1	45.4	20.2	132.3		23	7610	4960	4430	3920	3800	3620	3470	3310	29	5620	5130
380/70R24	W12 W11	380	1190	535	3494	125D	1.6	3800	2480	2210	1830	1770	1650	1650	-	2	2810	2560
		15	46.9	21.1	137.6		23	8380	5470	4870	4030	3900	3640	3640	-	29	6200	5640
420/70R24	W13 W12	418	1248	552	3668	130A8	1.6	4370	2850	2550	2110	2030	1900	1900	-	2	3230	2950
		16.5	49.1	21.7	144.4	130B	23	9630	6280	5620	4650	4480	4190	4190	-	29	7120	6500
420/70R24	W13 W12	418	1248	552	3668	130D	1.6	4370	2850	-	2250	2190	2080	2000	1900	1.6	3230	2950
		16.5	49.1	21.7	144.4		23	9630	6280	-	4960	4830	4590	4410	4190	23	7120	6500
480/70R24	W15L	479	1316	588	3859	138D	1.6	2710	3540	-	2800	2580	2480	2360	-	2	4010	3660
		18.9	51.8	23.1	151.9		23	5980	7800	-	6170	5690	5470	5200	-	29	8840	8070
380/70R28	W12 W11 W13	380	1293	589	3859	127A8	1.6	4030	2630	2350	1940	1870	1750	1750	-	2	2980	2710
		15	50.9	23.2	151.9	127B	23	8890	5800	5180	4280	4120	3860	3860	-	29	6570	5980
420/70R28	W13	418	1349	594	3938	133A8	1.6	4740	3090	2760	2290	2200	2060	2060	-	2	3500	3190
		16.5	53.1	23.4	155	133B	23	10450	6810	6090	5050	4850	4540	4540	-	29	7720	7030
420/70R28	W13	418	1349	594	3938	133D	1.6	4738	3090	2760	2441	2369	2256	2163	2060	2	3502	3193
		16.5	53.1	23.4	155		23	10450	6810	6090	5380	5220	4970	4770	4540	29	7720	7040
480/70R28	W15L W15	479	1421	645	4287	151D	3.2	7935	5175	4623	4088	3968	3778	3623	3450	4	5865	5348
		18.9	55.9	25.4	168.8		46	17490	11410	10190	9010	8750	8330	7990	7610	58	12930	11790
480/70R30	W15L W16L	479	1478	658	4359	141D	1.6	5920	3860	-	3050	2960	2820	2700	2575	2	4380	3990
		18.9	58.2	25.9	171.6		23	13050	8510	-	6720	6530	6220	5950	5680	29	9660	8800
520/70R30	W16L W15L	516	1536	668	4515	145A8	1.6	6670	4350	3890	3220	3100	2900	2900	-	2	4930	4500
		20.3	60.5	26.3	177.8	145B	23	14710	9590	8580	7100	6830	6390	6390	-	29	10870	9920
520/70R30	W16L W15L	516	1536	668	4515	145D	1.6	6670	4350	3570	3440	3340	3180	3050	2900	2	4930	4500
		20.3	60.5	26.3	177.8		23	14710	9590	7870	7580	7360	7010	6720	6390	29	10870	9920
480/70R34	W15L W14L	479	1580	707	4678	143D	1.6	6270	4090	3350	3230	3130	2980	2860	2725	2	4630	4220
		18.9	62.2	27.8	184.2		23	13820	9020	7390	7120	6900	6570	6310	6010	29	10210	9300
520/70R34	W16L W15L W18L	516	1640	720	4783	148A8	1.6	7250	4730	4220	3500	3370	3150	3150	-	2	5360	4880
		20.3	64.6	28.3	188.3	148B	23	15980	10430	9300	7720	7430	6950	6950	-	29	11820	10760
80/70R38	W15L W14L	479	1681	751	4979	145A8	1.6	6670	4350	3890	3220	3100	2900	2900	-	2	4930	4500
		18.9	66.2	29.6	196	145B	23	14710	9590	8580	7100	6830	6390	6390	-	29	10870	9920
480/70R38	W15L W14L	479	1681	751	4979	145D	1.6	6670	4350	-	3440	3340	3180	3050	2900	2	4930	4500
		18.9	66.2	29.6	196		23	14710	9590	-	7580	7360	7010	6720	6390	29	10870	9920
520/70R38	W16L	516	1749	751	5163	150A8	1.6	7710	5030	4490	3720	3580	3350	3350	-	2	5700	5190
		20.3	68.9	29.6	203.3	150B	23	17000	11090	9900	8200	7890	7390	7390	-	29	12570	11440
520/70R38	W16L	516	1749	751	5163	150D	1.6	7710	5030	-	3970	3850	3670	3520	3350	2	5700	5190
		20.3	68.9	29.6	203.3		23	17000	11090	-	8750	8490	8090	7760	7390	29	12570	11440
580/70R38	W18L	577	1827	819	5433	155A8	0.6	8910	5810	5190	4300	4150	3875	3875	-	2	6590	6010
		22.7	71.9	32.2	213.9	155B	23	19640	12810	11440	9480	9150	8540	8540	-	29	14530	13250
580/70R38	W18L	577	1827	819	5433	155D	1.6	8913	5813	-	4592	4456	-	4069	3875	2	6588	6006
		22.7	71.9	32.2	213.9		23	19650	12820	-	10120	9820	-	8970	8540	29	14520	13240
710/70R42	DW23B	716	2061	938	6153	173D	2.4	14950	9750	-	7700	7480	7120	6830	6500	3	11050	10080
		28.2	81.1	36.9	242.2		35	32960	21500	-	16980	16490	15700	15060	14330	44	24360	22220

Agri-star 374 is a R-2 deep lug radial tire, designed to deliver very high traction in wet & moist conditions. The stepped lug design helps in increasing the grip and reducing tractor slip. Superior tread compound ensures resistance to cut growth.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD				TRACTOR APPLICATION									
		mm	mm				mm	mm	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31
		in	in				in	in								
420/85R28	W15L W13 W14L	438	1467	665.8	4260	139 A8	1.6	5590	3650	-	2990	2700	2600	2430	2430	
		17.2	57.8	26.2	167.7	139B	23	12324	8047	-	6592	5952	5732	5357	5357	
420/90R30 (16.9R30)	DW13L W14L	429	1529	686	4275	142A8	1.6	6100	3980	3550	3260	2940	2840	2650	-	
		16.9	60.2	27	168.3		23	13450	8770	7830	7190	6480	6260	5840	-	
460/85R30 (18.4R30)	DW15L DW16L	466	1588	716	4569	145A8	1.6	6670	4350	-	3567	-	3103	2900	2639	
		18.3	62.5	28.2	179.9		23	14710	9590	-	7860	-	6840	6390	5820	
620/75R30 (23.1R30)	DW20B	600	1740	768	4939	151A8	1.4	9970	-	4625	-	3830	3690	3450	-	
		23.6	68.5	30.2	194.4		20	21980	-	10200	-	8440	8140	7610	-	
320/85R32	W11 W9 W10 DW11	330	1389	642	3994	126A8	1.6	3910	2550	-	2091	1887	1819	1700	1700	
		13	54.7	25.3	157.2	126B	23	8620	5622	-	4610	4160	4010	3748	3748	
480/70R34	W15L W16L W14L	479	1606	740	4681	155A8	3.2	8910	5810	5190	4770	4300	4150	3875	-	
		18.9	63.2	29.1	184.3		46	19640	12810	11440	10520	9480	9150	8540	-	
320/85R36	W11 W9 W10 DW11	330	1491	697	4473	128A8	1.6	4140	2700	-	2210	2000	1930	1800	1800	
		13	58.7	27.4	176.1	128B	23	9127	5952	-	4872	4409	4255	3968	3968	
340/85R38 (13.6R38)	W12 W11	350	1580	735	4606	132A8	1.6	4600	3000	2680	2460	2220	2140	2000	-	
		13.8	62.2	28.9	181.3		23	10140	6610	5910	5420	4890	4720	4410	-	
380/85R38	W12 W11 W13	380	1650	759.5	4943	139A8	1.6	5590	3650	-	2990	2700	2600	2430	2430	
		15	65	29.9	194.6	139B	23	12324	8047	-	6592	5952	5732	5357	5357	
420/85R38	W15L W14L W13	438	1722	791.3	5020	144A8	1.6	6440	4200	-	3440	3110	3000	2800	2800	
		17.2	67.8	31.2	197.6	144B	23	14198	9259	-	7584	6856	6614	6173	6173	
480/80R38	DW16L W15L DW14L W14L W16L	489	1779	812.4	5131	149A8	1.6	7480	4880	-	4000	3610	3480	3250	3250	
		19.3	70	32	202	149B	23	16491	10759	-	8818	7959	7672	7165	7165	
480/80R42	DW16L W15L DW14L W14L W16L	489	1881	860.3	5583	151A8	1.6	7940	5180	-	4240	3830	3690	3450	3450	
		19.3	74.1	33.9	219.8	151B	23	17505	11420	-	9348	8444	8135	7606	7606	
520/85R42	DW16L W16L W15L DD16L W18L	516	1985	913	5800	165A8	2.8	11850	7730	6900	6330	5720	5510	5150	-	
		20.3	78.1	35.9	228.3		41	26130	17040	15210	13960	12610	12150	11350	-	
340/85R46 (13.6R46)	W12 W11	350	1780	834	5238	140A8	2	5750	3750	3350	3080	2780	2680	2500	-	
		13.8	70.1	32.8	206.2		29	12680	8270	7390	6790	6130	5910	5510	-	
480/80R46	DW16L W16L W15L DW15LL DW14L	479	1963	910	5761	158A8	2.4	9780	6380	5700	5230	4720	4550	4250	-	
		18.9	77.3	35.8	226.8		35	21560	14070	12570	11530	10410	10030	9370	-	
520/85R46	DW16L W16L W15L DD16L W18L	516	2050	962	6045	158A8	1.6	9780	6380	5700	5230	4720	4550	4250	-	
		20.3	80.7	37.9	238		23	21560	14070	12570	11530	10410	10030	9370	-	
		516	2062	940	6125	169A8	3.2	7073	-	4613	-	3644	3536	5800	-	
		20.3	81.2	37	241.1		46	15590	-	10170	-	8030	7800	12790	-	
		516	2062	962	6175	161A8	2	6670	4350	-	-	3437	3335	4625	-	
		20.3	81.2	37.9	243.1		29	14710	9590	-	-	7580	7350	10200	-	
480/80R50	DW16L W16L W15L DW15LL W14L	479	2064	961	6088	159A8	2.4	10060	6560	5860	5380	4860	4680	4375	-	
		18.9	81.3	37.8	239.7		35	22180	14460	12920	11860	10710	10320	9650	-	

The Alliance 365 (High-Speed Drive Tractor Radial) tires are available in a complete range of front and rear combination tires. The tread patterns on these tires represent the trend of modern radial agricultural tires with a low aspect ratio. High tire volume along with low inflation pressure provides high traction and increased soil protection. The lug design ensures better self-cleaning with reduced tire slippage. Multi lug angle tread pattern and over-lapping central lugs ensure on & off-road suitability.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)													Infl. press.	Non Cyclic Operation						
		SW	OD					Speed, km/h (mph)														bar psi	10 6	15 9				
								Non Cyclic Operation																				
								mm in	mm in	mm in	mm in	Static	Field	10 6	20 12	25 16	30 19	40 25	50 31	65 40					70 43			
420/65R20	W13	418	1054	467	3067	135D	2.4	-	2510	3270	-	2580	-	2390	2290	2180	-	3	3710	3380								
		16.5	41.5	18.4	120.7	138A8	35	-	5530	7210	-	5690	-	5270	5050	4810	-	44	8180	7450								
420/65R24	W13	418	1156	516	3412	126A8	1.6	-	1820	2550	-	1890	1820	1700	1550	-	-	2	2890	2640								
		16.5	45.5	20.3	134.3	126B	23	-	4010	-	-	4170	4010	3750	3420	-	-	29	6370	5820								
440/65R24	W14L	446	1187	547	3526	128D	1.6	-	2070	2700	-	2130	-	1970	1890	1800	-	2	3060	2790								
						131A8	23	-	4560	5950	-	4700	-	4340	4170	3970	-	29	6750	6150								
		17.6	46.7	21.5	138.8	135D	2.4	-	2507	3270	2681	2583	2507	2387	2289	2180	1984	3	3706	3379								
						138A8	35	-	5530	7210	5910	5700	5530	5260	5050	4810	4370	44	8170	7450								
480/65R24	W15L W14L	483	1238	543	3661	140D	2.4	-	2880	3750	-	2960	-	2740	2630	2500	-	3	4250	3880								
		19	48.7	21.4	144.1		35	-	6350	8270	-	6530	-	6040	5800	5510	-	44	9370	8550								
540/65R24	W16L	550	1315	577	3832	146D	2.4	-	6900	4500	3690	-	3450	3285	3150	3000	2730	3	5100	4650								
		21.7	51.8	22.7	150.9		35	-	15212	9921	8135	-	7606	7242	6945	6614	6019	44	11244	10251								
540/65R24	W16L	550	1315	582.5	3798	140D	1.6	-	2880	3750	-	2960	-	2740	2630	-	-	2	4250	3880								
		21.7	51.8	22.9	149.5		23	-	6349	8267	-	6526	-	6041	5798	-	-	29	9370	8554								
440/65R28	W14L	441	1283	590	3869	138D	2.4	-	2710	3540	-	2800	-	2580	2480	2360	-	3	4010	3660								
		17.4	50.5	23.2	152.3	141A8	35	-	5980	7800	-	6170	-	5690	5470	5200	-	44	8840	8070								
480/65R28	W15L W14L	484	1335	624	4094	142D	2.4	-	3050	3980	-	3140	-	2900	2780	2650	-	3	4510	4110								
		19.1	52.6	24.6	161.2	145A8	35	-	6720	8770	-	6920	-	6390	6130	5840	-	44	9940	9060								
540/65R28	W16L	535	1415	633	4192	149D 152A8	2.4	-	3738	-	-	4875	3738	3559	3413	3250	2958	3	5525	5038								
							35	-	8240	10750	-	8490	8240	7850	7520	7170	6520	44	12180	11110								
							2.4	-	3740	4880	-	3850	-	3560	3410	3250	-	3	5530	5040								
							35	-	8250	10760	-	8490	-	7850	7520	7170	-	44	12190	11110								
VF600/65R28	DW20	615	1491	648	4436	154D	2.4	8630	-	5630	4610	4440	4310	4125	3940	3750	3410	3	6380	5810								
						157A8	35	19030	-	12410	10160	9790	9500	9090	8690	8270	7520	44	14070	12810								
						163D	2	-	-	5220	4875	4875	-	-	-	4875	4440	2.5	6830	-								
							29	-	-	11510	10750	10750	-	-	-	10750	9790	36	15060	-								
540/65R30	17 W16L W18L	560	1486	683	4483	150D 153A8	2.4	7710	-	5030	4120	3970	3850	3650	3520	3350	3050	3	5700	5190								
		22	58.5	26.9	176.5		35	17000	-	11090	9080	8750	8490	8050	7760	7390	6720	44	12570	11440								
600/65R30	DW20	608	1542	686	4738	149D	1.6	3740	-	-	-	3850	3740	3560	3410	3250	2960	2	5530	5040								
		23.9	60.7	27	186.5		23	8250	-	-	-	8490	8250	7850	7520	7170	6530	29	12190	11110								
540/65R34	DW20	535	1566	707	4742	152D	2.4	4080	5330	-	-	4210	-	3890	3730	3550	-	3	6040	5500								
		21.1	61.7	27.8	186.7		35	8995	11751	-	-	9281	-	8576	8223	7826	-	44	13316	12125								
600/65R34	W18L	591	1644	739	4904	151D	2.4	-	4740	6190	-	4890	-	4520	4330	4125	-	2	5870	5350								
						154A8	35	-	10450	13650	-	10780	-	9970	9550	9090	-	29	12940	11800								
		23.3	64.7	29.1	193.1	157D	-	-	-	-	-	-	-	-	-	-	3	7010	6390									
						160A8	-	-	-	-	-	-	-	-	-	-	-	44	15450	14090								
540/65R38	W16	535	1675	778	4989	153D	2.4	-	4200	5480	-	4330	-	4000	3830	3650	-	3	6210	5660								
		21.1	65.9	30.6	196.4		35	-	9260	12080	-	9550	-	8820	8820	8050	-	44	13690	12480								
600/65R38	DW20B DW18	596	1745	782	5284	153D	2.4	-	5030	6560	-	5180	-	4790	4590	4375	-	2	6210	5660								
						155A8	35	-	11090	14460	-	11420	-	10560	10120	9650	-	29	13690	12480								
						159D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
VF650/65R38	DW20B TW20B	650	1830	764	5327	175D	2.4	-	7590	7245	-	7176	-	7107	6900	6279	-	-	3.2	9660								
		25.6	72	30.1	209.7		35	-	16730	15970	-	15820	-	15670	15210	13840	-	-	46	21300								
710/70R38	22 DW23A	728	1950	884	5924	166D	1.6	-	6100	7950	-	6280	-	5800	5570	5300	-	2	9010	8220								
						168A8	23	-	13450	17530	-	13850	-	12790	12280	11680	-	29	19860	18120								
						171D 174A8	2.4	14150	-	9230	7560	7290	7070	6700	6460	6150	5600	3	10460	9530								
VF650/65R42	DW20 DW18	650	1913	832	5611	174D	2	-	7180	6700	6700	-	-	-	6700	6100	2.5	9380	-									
		25.6	75.3	32.8	220.9		29	15830	-	14770	14770	14770	-	-	-	14770	13450	36	20680	-								

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)												
								Speed, km/h (mph)												
		SW		OD				Non Cyclic Operation										Infl. press.	Non Cyclic Operation	
		mm	in					Static	Field	10 6	20 12	25 16	30 19	40 25	50 31	65 40	70 43		10 6	15 9
650/65R42	DW20B	667	1945	882	5911		1.6	-	4890	6380	-	5040	-	4650	4460	4250	-	2	7230	6590
	W18					158D														
	DW21B DW23B	26.3	76.6	34.7	232.7	161A8	23	-	10780	14070	-	11110	-	10250	9830	9370	-	29	15940	14530
710/70R42	22	740	2055	942	6220	177D	3	1679	-	10950	8980	8650	8400	8000	7670	7300	6640	3.75	12410	11320
	DW23B	29.1	80.9	37.1	244.9	180A8	44	37020	-	24140	19800	19070	18520	17640	16910	16090	14640	54	27360	24960

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Tractor Applications												
				mm in	mm in		mm in	mm in	bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31
VF600/65R28	DW20	615	1491	648	4436	147D	1.6	7070	4610	-	3640	3540	3350	3230	3075	-
		24.2	58.7	25.5	174.6	150A8	23	15590	10160	-	8030	7800	7390	7120	6780	-
540/65R34	W16L	535	1566	707	4653	152D	2.4	8165	5325	4757	4207	4083	3887	3728	3550	3231
		21.1	61.7	27.8	183.2	155A8	35	18000	11740	10490	9280	9000	8570	8220	7830	7120
710/70R42	DW23B DW25B	740	2055	936	6102	173D	2.4	9750	8710	8000	7700	7480	7120	6830	6500	-
		29.1	80.9	36.9	240.2	176A8	35	21495	19202	17637	16976	16491	15697	15058	14330	-

356

R-1

SC
SPECIAL COMPOUND

SB
STEEL BELTED


MFWD


2WD TRACTOR


4WD TRACTOR

The 356 is a tire for high power tractors on heavy duty jobs in forestry and heavier operation in agriculture. The tire is designed for high traction abilities, low slip and low fuel consumption. The main construction characteristics of the tire are: strong nylon casing, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All these characteristics promise long tire life under heavy working conditions in the forests, as well as, smooth and long lasting work in agriculture. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)					
								Speed, km/h (mph)					
		SW		OD				Drive wheel					
		mm	in					Static	10 6	20 12	30 19	40 25	50 31
16.9R26	W15L W14L	429	1370	624	4066	135A8	1.6	5010	3270	2420	2330	2180	2000
		16.9	53.9	24.6	160.1	132B	23	11050	7210	5340	5140	4810	4410
18.4R26	W16L W15L	476	1426	637	4205	140A8	1.6	5750	3750	2780	2680	2500	2300
		18.7	56.1	25.1	165.6	137B	23	12677	8267	6129	5908	5512	5071

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press.	Field operation			Recommend load, kg (lbs)					
								Speed, km/h (mph)			Not high and sustained torque; Road transport					
		SW		OD				High Torque		Low Torque						
		mm	in					Bar psi	10 6	10 6	20 12	Static	10 6	25 16	30 19	50 31
14.9R24	W13 W12	378	1245	562	3674	126A8	1.6	1820	2380	2040	3910	2550	1890	1820	1700	1550
		14.9	49	22.1	144.6	123B	23	4010	5250	4500	8620	5620	4170	4010	3750	3420
11.2R28	W10 W9	284	1220	556	3599	116A8	1.6	1340	1750	1500	2880	1880	1390	1340	1250	1140
		11.2	48	21.9	141.7	113B	23	2950	3860	3310	6350	4150	3060	2950	2760	2510
12.4R32	W11 W10 W9	315	1350	627	4055	122A8	1.6	1610	2100	1800	3450	2250	1670	1610	1500	1370
						119B	23	3550	4630	3970	7610	4960	3680	3550	3310	3020
						134A8	2.9	2280	2980	2560	4900	3200	2360	2280	2130	1940
						131B	42	5030	6570	5640	10800	7060	5200	5030	4700	4280
18.4R42	W16L W15L	467	1850	853	5638	153A8	2.1	3910	5110	4380	8400	5480	4050	3910	3650	3320
						150B	30	8620	11270	9660	18520	12080	8930	8620	8050	7320
						169A8	4.5	6210	8120	6960	13340	8700	6440	6210	5800	5280
		18.4	72.8	33.6	222	166B	65	13690	17900	15340	29410	19180	14200	13690	12790	11640

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)					
		Speed, km/h (mph)											
		Tractor Application											
		SW mm in	OD mm in					mm in	mm in	Bar psi	Static	15 9	25 16
18.4R30	W16L W15L	467	1545	712	4618	155A8	3.2	11200	5190	4300	4150	3875	3875
		18.4	60.8	28	181.8	152B	46	24690	11440	9480	9150	8540	8540
12.4R36	11	315	1450	680	4507	146A8	3.8	8670	4020	3330	3210	3000	3000
		12.4	57.1	26.8	177.4	143B	55	19110	8860	7340	7080	6610	6610
13.6R38	DW10W12 W11D10 W10L	345	1550	729	4846	151A8	4.8	9970	4620	3830	3690	3450	3450
		13.6	61	28.7	190.8		70	21980	10190	8440	8140	7610	7610
14.9R38	W13 W12 W11	378	1600	741	4742	133A8	1.6	5950	2760	2290	2200	2060	2060
		14.9	63	29.2	186.7	130B	23	13120	6090	5050	4850	4540	4540
15.5R38 (400/75R38)	W13 W14L W12	394	1570	723	4751	134A8	1.6	6130	2840	2350	2270	2120	2120
		15.5	61.8	28.5	187	131B	23	13510	6260	5180	5000	4670	4670
18.4R38	DW16 DD16 W16A W15 W15L	480	1750	786	5351	170A8	3.2	-	8040	6660	6420	6000	5460
		18.9	68.9	30.9	210.7	167B	46	-	17730	14680	14150	13230	12040

FARMPRO RADIAL 80

R-1W


FarmPro 80 is engineered with a multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)					
								Speed, km/h (mph)					
		SW	OD	Log Skidder Application									
		mm	mm	mm	mm		bar	Static	10 6	20 12	30 19	40 25	50 31
		in	in	in	in		psi						
380/80R38	W12	375	1578	740	4821	152A8	4	8165	5325	4367	3799	3550	3550
		14.8	62.1	29.1	189.8	152B	58	18000	11740	9630	8380	7830	7830

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)											
		Speed, km/h (mph)																	
		SW	OD	Non cyclic operation							Inflation Pressure	Cyclic operation							
				mm	mm		mm	mm	Static	10 6		15 9	25 6	30 19	40 25	50 31	bar psi	10 6	15 9
				in	in		in	in											
380/80R38 (14.9R38)	W12	375	1578	728	4769	152A8	4	8165	5325	-	-	3799	3550	3231	5	6035	5503		
		14.8	62.1	28.7	187.8	152B	58	18001	11740	-	-	8375	7826	7123	73	13305	12132		
320/80R42 (12.4R42)	W10	319	1580	751	4823	141A8	3.2	5920	3860	3450	2860	2760	2575	2575	2	3230	2950		
		12.6	62.2	29.6	189.9	141B	46	13050	8510	7610	6310	6090	5680	5680	29	7120	6500		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
				Drive wheel application											
				mm	mm		mm	mm	bar	Static	5 3	15 9	20 12	30 19	40 25
		in	in	in	in		psi								
480/80R42	DW16L W16L	479	1835	836	5479	151A8	1.6	7935	5865	4623	4244	3692	3450	3450	
	W15L W14L DW14L	18.9	72.2	32.9	215.7	151B	23	17490	12930	10190	9360	8140	7610	7610	

FARMPRO RADIAL 90

R-1W



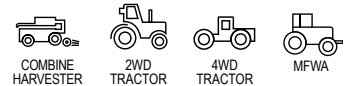
FarmPro 90 is engineered with a multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
				Non cyclic operation										Inflation Pressure	Cyclic operation					
				mm	mm		mm	mm	mm	mm	mm	mm	mm		mm	bar psi	10 6	15 9		
		in	in	in	in	in	in	in	in	in	in	psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	bar psi
320/90R42 (12.5R42)	W10	319	1643	764	4940	147D	3.6	7073	4613	3782	3413	3290	3075	3075	4.5	5228	4766			
		12.6	64.7	30.1	194.5	147B	52	15593	10170	8338	7524	7253	6779	6779	65	11526	10507			
320/90R46 (12.4R46)	W11 W9	319	1744	821	5228	148A8	3.6	7250	4730	4220	3500	3370	3150	3150	4.5	5360	4880			
		12.6	68.7	32.3	205.8	148B	52	15980	10430	9300	7720	7430	6950	6950	65	11820	10760			
380/90R46 (14.9R46)	W11 W13	380	1855	866	5591	165A8	4.8	11850	7730	6900	5720	5510	5150	5150	5	7440	6780			
		15	73	34.1	220.1	165B	70	26130	17040	15210	12610	12150	11350	11350	73	16400	14950			

385

R-1W



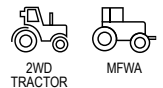
Alliance 385 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges and reinforced bead which enable smooth and reliable forestry and agro-industrial operations.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
								Tractor application									
		SW mm in	OD mm in									Static	10 6	25 16	30 19	40 25	50 31
380/80R38 (14.9R38)	W12 38	380	1596	738	4781	142A8	2.4	6095	3975	2942	2836	2650	2650	-			
		15	62.8	29.1	188.2	142B	35	13440	8760	6490	6250	5840	5840	-			
580/85R42	W18L 42	583	2053	933	6083	166A8	2.4	12190	7950	6519	5883	5671	5300	5300			
		23	80.8	36.7	239.5	166B	35	26870	17530	14370	12970	12500	11680	11680			
480/80R46	DW16L W16L	485	1948	900	5832	158A8	2.4	9775	6375	5228	4718	4548	4250	4250			
		19.1	76.7	35.4	229.6	158B	35	21550	14050	11530	10400	10030	9370	9370			

387

R-1



The Alliance 387 Farm Radial is a tire specially developed so as to not damage soil, grass and plants during operation. This Pattern is suitable for grassland and other sensitive terrain application on utility tractors and small implements used in golf courses, parks and vineyards. The higher void to rubber ratio provides larger effective footprint area and lower soil/grass compaction. The design has better lug continuity, which enables higher comfort on grass surfaces and transport applications. The good overlap of lugs at center increases the effective footprint area and thus decreases ground pressure.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)					
		Speed, km/h (mph)											
		Tractor Application											
		SW mm in	OD mm in				mm in	mm in	Bar psi	Static	10 6	25 16	30 19
14.9LR20 (375/75R20)	W13	378	1073	484	3144	119A8	1.6	3130	2040	1510	1460	1360	1250
		14.9	42.2	19.1	123.8	116B	23	6900	4500	3330	3220	3000	2760
16.9R30 (440/80R30)	W15	429	1475	667	4357	137A8	1.6	5290	3450	2550	2460	2300	2110
		16.9	58.1	26.3	171.5	134B	23	11660	7610	5620	5420	5070	4650

AGRISTAR II 403

F-2

SG

STUBBLE
GUARD



2WD
TRACTOR



MFWA

Alliance Agri Star II (403) India's first radial front tire, designed to elevate user experience and performance to new heights. Equipped with a 4-Multi Ribs pattern, the Agri Star II ensures enhanced steerability. Prioritizing longevity and comfort, this tire also features exceptional on-road wear resistance, superior driving comfort making it an indispensable companion for modern farming and haulage application. An ideal front tire to pair up with the tractor rear radial tires, Agri Star II promises the best performance.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)									
		Speed, km/h (mph)															
		TRACTOR APPLICATION															
		SW	OD														
		mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm			
		in	in	in	in		bar psi	Static	5 3	10 6	15 9	20 12	25 16	30 19	35 22	40 25	
7.50R16	5.50F	205	805	373	2418	102A8	3.2	1955	1445	1275	1140	1045	945	910	875	850	
	5.00F 6.00F	8.1	31.7	14.7	95.2		46	4310	3190	2810	2510	2300	2080	2010	1930	1870	

FARMPRO RADIAL 85

R-1W



2WD
TRACTOR



4WD
TRACTOR



MFWA

FarmPRO '85 Series of agricultural radial tires have multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Non cyclic operation								Infl. press.	Cyclic operation
				mm in	mm in		mm in	mm in	bar psi	Static	10 6	15 9	25 16	30 19	40 25		
280/85R20 (11.2R20)	W10	288	984	451	2950	112A8	1.6	2580	1680	1500	1240	1200	1120	1120	2	1900	1740
		11.3	38.7	17.8	116.1	112B	23	5690	3700	3310	2730	2650	2470	2470	29	4190	3840
320/85R20 (12.4R20)	W11	329	1052	467	3042	119D	1.6	3130	2040	1820	1510	1460	1360	1360	2	2310	2110
		13	41.4	18.4	119.8		23	6900	4500	4010	3330	3220	3000	3000	29	5090	4650
280/85R24 (11.2R24)	W10	282	1086	491	3159	115A8	1.6	2790	1820	1630	1350	1300	1215	1215	2	2070	1880
		11.1	42.8	19.3	124.4	115B	23	6151	4012	3594	2976	2866	2679	2679	29	4564	4145
320/85R24 (12.4R24)	W11 DW11 W10 W9	336	1148	513.3	3368	122A8	1.6	3450	2250	2010	1670	1610	1500	1500	2	2550	2330
		13.2	45.2	20.2	132.6	122B	23	7606	4960	4431	3682	3549	3307	3307	29	5622	5137
280/85R28	W10 W9	280	1187	544	3564	118A8	1.6	3040	1980	1770	1470	1410	1320	1320	2	2240	2050
		11	46.7	21.4	140.3	118B	23	6700	4370	3900	3240	3110	2910	2910	29	4940	4520
380/85R28 (14.9R28)	W12 W11 W13	380	1357	600	3986	133A8	1.6	4740	3090	2760	2290	2200	2060	2060	2	3500	3190
		15	53.4	23.6	156.9	133B	23	10450	6810	6090	5050	4850	4540	4540	29	7720	7030
460/85R30 (18.4R30)	DW15L W15L W16L DW16L	478	1524	680.4	4509	145A8	1.6	6670	4350	3890	3220	3100	2900	2900	2	4930	4500
		18.8	60	26.8	177.5	145B	23	14705	9590	8576	7099	6834	6393	6393	29	10869	9921
380/85R30 (14.9R30)	W12 W11 W13	380	1408	628	4111	135A8	1.6	5010	3270	2920	2420	2330	2180	2180	2	3710	3380
		15	55.4	24.7	161.9	135B	23	11050	7210	6440	5340	5140	4810	4810	29	8180	7450
420/85R30 (16.9R30)	DW15	432	1468	652	4325	140A8	1.6	5750	3750	3350	2780	2680	2500	2500	2	4250	3880
		17	57.8	25.7	170.3	140B	23	12680	8270	7390	6130	5910	5510	5510	29	9370	8550
320/85R32	W11	325	1357	609	3966	126A8	1.6	3910	2550	2280	1890	1820	1700	1700	2	2890	2640
		12.8	53.4	24	156.1	126B	23	8620	5620	5030	4170	4010	3750	3750	29	6370	5820
320/85R36 (12.4R36)	W11 DW11 W10 W9	325	1458	675	4371	128A8	1.6	4140	2700	2410	2000	1930	1800	1800	2	3060	2790
		12.8	57.4	26.6	172.1	128B	23	9130	5950	5310	4410	4260	3970	3970	29	6750	6150
320/85R38 (12.4R38)	W11 DW10DW11	325	1509	707	4517	143A8	3.6	6270	4090	3650	3020	2920	2725	2725	4.5	4630	4220
		12.8	59.4	27.8	177.8	143B	52	13820	9020	8050	6660	6440	6010	6010	65	10210	9300
520/85R46 (20.8R46)	W16L DW16L W15L DD16L W18L	516	2049	906	5977	158A8	1.6	9780	6380	5700	4720	4550	4250	4250	2	7230	6590
		20.3	80.7	35.7	235.3	158B	23	21560	14070	12570	10410	10030	9370	9370	29	15940	14530

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)					
		Speed, km/h (mph)											
		Tractor application											
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31
		mm	mm										
in	in	in	in										
340/85R28 (13.6R28)	W12 28	355	1289	576	3734	127A8	1.6	4025	2625	1943	1873	1750	1750
	W11 28	14	50.7	22.7	147	127B	23	8870	5790	4280	4130	3860	3860
340/85R38	W12 W11	345	1543	696	4507	133A8	1.6	4740	3090	2285	2205	2060	2060
		13.6	60.7	27.4	177.4	133B	23	10450	6812	5038	4861	4542	4542
520/85R42	DW16L 42	516	1951	882	5788	157A8	1.6	9490	6190	4580	4410	4125	4125
	W16L 42	20.3	76.8	34.7	227.9	157B	23	20920	13650	10100	9720	9090	9090

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)					
		Speed, km/h (mph)											
		Mixed application											
		Static	10 6					25 16	30 19	40 25	50 31		
		SW	OD	mm	mm		mm	mm	bar psi				
in	in	in	in	in	in								
340/85R36	W12	345	1495	689	4480	132A8	1.6	4600	3000	2220	2140	2000	2000
		13.6	58.9	27.1	176.4	132B	23	10140	6610	4890	4720	4410	4410
520/85R38	W16L	525	1850	830	5476	169A8	3.6	13340	8700	6440	6210	5800	5800
		20.7	72.8	32.7	215.6	169B	52	29410	19180	14200	13690	12790	12790

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)													
								Speed, km/h (mph)													
								Tractor application													
		SW	OD								Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31		
		mm	mm				mm	mm			bar psi										
in	in	in	in	in	in																
340/85R38	W12 W11	345	1543	696	4507	133A8	1.6	4740	3090	2760	2535	2285	2205	2120	2060	2060					
		13.6	60.7	27.4	177.4	133B	23	10450	6810	6090	5590	5040	4860	4670	4540	4540					

AGRIFLEX+ 363 XT

R-1



4WD TRACTOR



SPRAYER

Agriflex+ 363 XT Very Improved Flexion (VF) is a tire for modern methods of field spraying. It is an optimal tire for heavy and high-speed self-propelled sprayers. The VF tire construction enables working with high tire deflection, providing up to 40% higher load-carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. The large number of blocks and high rubber-to-void tread ratio, ensure long tread life, comfort, and low rolling resistance during transport operation on hard surfaces. Also improved pattern continuity ensures lower variance leading to low vibration and better riding comfort. A large tire footprint area provides high traction, reduces fuel costs, and minimizes soil compaction. The steel belted carcass structure ensures uniform ground pressure, puncture protection, and extended tread life.



TRACTOR

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD	Tractor application								Cyclic Operation					
				10	15		20	25	30	40	65	70	bar	10			
		mm in	mm in	mm in	mm in		bar psi	6	9	12	16	19	25	40	43	psi	6
VF270/95R32	W9	270	1326	609	3925	138D	2.4	3540	3160	2900	2800	2710	2580	2360	-	-	-
		10.6	52.2	24	154.5		35	7800	6970	6390	6170	5980	5690	5200	-	-	-
VF320/85R36	W11 W10	323	1459	664.1	4377	144D	2	3080	2940	2910	2880	2860	2800	2800	2550	2.8	3920
		12.7	57.4	26.1	172.3		29	6790	6482	6415	6349	6305	6173	6173	5622	41	8642
VF230/95R38	W8 W7	230	1403	661.2	4237	141D	3.6	2830	2700	2680	2650	2630	2575	2575	2340	4.4	3610
		9.1	55.2	26	166.8		52	6239	5952	5908	5842	5798	5677	5677	5159	64	7959
VF230/95R40	W7 W8	230	1454	685	4448	142D	3.6	2920	2780	2760	2730	2700	2650	2650	2410	4.4	3710
		9.1	57.2	27	175.1		52	6437	6129	6085	6019	5952	5842	5842	5313	64	8179

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD					Tractor application										Cyclic Operation	
								10	15	20	25	30	40	65	70	bar	10		
		mm in	mm in	mm in	mm in		bar psi	6	9	12	16	19	25	40	43	psi	6		
VF380/90R46	W13 W12	386	1852	853.4	5644	173D	4.4	7150	6830	6760	6700	6630	6500	6500	5920	5.2	9100		
		15.2	72.9	33.6	222.2		64	15763	15058	14903	14771	14617	14330	14330	13051	75	20062		
VF380/90R46	W13 W12	386	1852	852.4	5640.3	175D	4.6	7590	7250	7180	7110	7040	6900	6900	6280	5.4	9660		
		15.2	72.9	33.6	222.1		67	16733	15983	15829	15675	15521	15212	15212	13845	78	21297		
VF230/95R48	W8 W7	233	1657	783.3	5073	146D	3.6	3300	3150	3120	3090	3060	3000	3000	2730	4.4	4200		
		9.2	65.2	30.8	199.7		52	7275	6945	6878	6812	6746	6614	6614	6019	64	9259		
VF270/95R48	W9	270	1733	810.8	5310	155D	4	4260	4070	4030	3990	3950	3875	3875	3530	4.8	5430		
		10.6	68.2	31.9	209.1		58	9392	8973	8885	8796	8708	8543	8543	7782	70	11971		
VF380/90R50	W13 W12	386	1954	902.1	6000.2	175D	4.4	7590	7250	7180	7110	7040	6900	6900	6280	5.2	9660		
		15.2	76.9	35.5	236.2		64	16733	15983	15829	15675	15521	15212	15212	13845	75	21297		
VF300/95R52	W10 W9	300	1891	886.3	5758	160D	3.6	4950	4730	4680	4640	4590	4500	4500	4100	4.4	6300		
		11.8	74.4	34.9	226.7		52	10913	10428	10318	10229	10119	9921	9921	9039	64	13889		
VF230/95R54	W8 W7	230	1809	861.8	5563	150D	4	3690	3520	3480	3450	3420	3350	3350	3050	4.8	4690		
		9.1	71.2	33.9	219		58	8135	7760	7672	7606	7540	7385	7385	6724	70	10340		

AGRIFLEX+ 881
I-2
SG
STUBBLE
GUARD


Agriflex+ 881 is the latest addition to Alliance engineered series of Agriflex tires. Specially designed to provide higher load carrying capacities for Planters, balers, trailers and agricultural implements. It can carry up to 40% more load at the same amount of pressure while ensuring minimum soil compaction. Robust all steel construction with presence of stubble guard compound assures minimum downtime and maximum vehicle productivity making it an ideal partner for heavy duty agriculture applications.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended Load									
								Speed, km/h (mph)									
		SW	OD					Not high and sustained torque; Road transport								Infl. press.	Cyclic Operation
								10	20	30	40	50	60	65	70		
		mm in	mm in	mm in	mm in		bar psi	6	12	19	25	31	37	40	43	bar psi	10
VF445/65R22.5	14	444	1150	501	3450	176D	5.6	7810	7384	7242	7100	7100	7100	7100	6461	6.4	9940
		17.5	45.3	19.7	135.8		81	17220	16280	15970	15650	15650	15650	15650	14240	93	21910

376 MULTI-STAR

R-1



376 Multistar is dedicated to work on High Power Tractors, Combine Harvesters, Big Wagons and Spreaders. Specific tread pattern and tire construction enables wide multipurpose applications. Tread pattern with moderate non skid depth, and slightly round shoulders enables comfortable and smooth run on hard surfaces, as well as high traction and good self cleaning in the fields, same sizes as indicated below. Strong casing reinforced by steel belts that guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Certain sizes have special Stubble Guard rubber compound, and durable sidewall compound for better tread life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
		SW	OD					Recommended load, kg (lbs)											
				Non Cyclic application												Infl. press.	Cyclic Operations		
				mm	mm		mm	mm	Static	10 6	20 12	30 16	40 25	50 31	60 37				65 40
		in	in	in	in	bar psi													
620/70R46	DW20B	625	2050	966	6060.2	162D	1.6	10930	7130	5840	5460	5200	4990	4820	4750	4320	2	8080	7360
		24.6	80.7	38	238.6	165A8	23	24096	15719	12875	12037	11464	11001	10626	10472	9524	29	17813	16226

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)									
								Recommended load, kg (lbs)									
		Tractor Application															
		SW	OD														
		mm	mm				mm	mm		bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25
in	in	in	in														
1050/50R32	36.00VA	1050	1870	806.6	5672.5	182D	3	19550	12750	11390	10460	10070	9780	9250	8930	8500	7740
		41.3	73.6	31.8	223.3	185A8	44	43100	28109	25111	23060	22201	21561	20393	19687	18739	17064
1050/50R32	36.00VA	1050	1870	812.8	5716.2	184D	3.2	20700	13500	12060	11070	10670	10350	9860	9450	9000	8190
		41.3	73.6	32	225		46	45636	29762	26588	24405	23523	22818	21738	20834	19842	18056

570

R-4

SB

STEEL BELTED



Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces and stable running on the roads. The strong polyester construction enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial tire construction provides even pressure distribution, high productivity and optimal fuel consumption.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommended Load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Constant Load					Cyclic Application							
				mm in	mm in		mm in	mm in	Static	10 6	30 19	40 25	50 31	10 6	30 19	40 25
425/55R17 Steel Belted	13	425	890	395	2663	140A8	3.5	5750	3750	2680	2500	4380	2750	2500	2500	
		16.7	35	15.6	104.8	51	12680	8270	5910	5510	9660	6060	5510	5510		
460/70R24 (17.5LR24)	W15L W14L	445	1245	564	3682	145A8	2.5	6670	3630	2960	2900	4350	3100	2900	2900	
						142B	36	14710	8000	6530	6390	6390	9590	6830	6390	6390
						150A8	3	7710	4190	3420	3350	5030	3580	3350	3350	
						147B	44	17000	9240	7540	7390	7390	11090	7890	7390	7390
						159A8	4	10060	5470	4680	4375	4375	6560	4680	4375	4375
						159B	58	22180	12060	10320	9650	9650	14460	10320	9650	9650

Size	PR & LI	Type	Rim	OD	SW	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
				mm	mm	mm	mm	kg	bar	km
19.5LR24 Steel Belted	156A8/153B	TL	W16L W15L	1320	495	3912	600	-	-	-
				52	19.5	154	23.6			

AGRIFLEX+ 377 XT

R-1

SB

SG

STEEL
BELTED

STUBBLE
GUARD



SPREADER

Agriflex VF 377XT is the next-gen Alliance engineered series which is a hybrid of Agriflex technology and SLT. It has been designed to fulfil the needs of giant machine spreaders, floaters, terragators, and grain carts that demand great on-road usage. Its ability to carry 40% more load at the same amount of pressure makes it well-equipped to move the additional weight of fertilizers and herbicides with minimum soil compaction in the field. The new pattern comes with an additional number of lugs that ensures driving comfort and road ability and SLT technology for optimum traction and better-braking Presence of a stubble guard compound ensures excellent durability. All in all features like these that make the Agriflex VF 377XT a powerhouse performer.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended Load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Spreader Application						CFO	
								10	20	30	40	65	70	15	30
		mm in	mm in	mm in	mm in		bar psi	6	12	19	25	40	43	9	19
VF1000/50R25 CFO	36.0TH	1030	1642	717	4915	184D	2.4	12200	10220	9900	9360	9180	9000	9000	8190
		40.6	64.6	28.2	193.5		35	26900	22530	21830	20640	20240	19840	18060	
VF750/50R26CFO	DW25B	754	1410	618.3	4256	174D	3.2	7370	6970	6830	6700	6700	6100	8240	6920
		29.7	55.5	24.3	167.6		46	18170	15260	16250	15370	15060	14770	13450	
VF1050/50R32 CFO	36.00VA	1058	1863	815	5644	198D	3.6	17890	14980	14520	13730	13460	13200	13200	12010
		41.7	73.3	32.1	222.2		52	39440	33030	32010	30270	29670	29100	26480	
VF650/65R38CFO	DW23B	660	1811	812	5482	180D	3.2	10840	9080	8800	8320	8160	8000	8000	7280
		26	71.3	32	215.8		46	23900	20020	19400	18340	17990	17640	17640	16050
VF620/70R46 CFO	DW21B	622	2036	908	6116	177D	2	9890	8290	8030	7590	7450	7300	7300	6640
		24.5	80.2	35.7	240.8		29	21800	18280	17700	16730	16420	16090	16090	14640

AGRIFLEX 372

R-1W

SB

SG

STEEL
BELTED

STUBBLE
GUARD



MFWD



4WD
TRACTOR



COMBINE
HARVESTER

The advanced AGRIFLEX 372 Improved Flexion (IF) designed with increased sidewall flexibility enables the tire to carry up to 20% more load at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs, and increases overall operational productivity. The R-1W pattern ensures excellent grip as well as a long tire life on hard surfaces.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Not high and sustained torque; Road transport						CFO	
				mm in	mm in		mm in	mm in	bar psi	10	20	30	40	65	70
IF710/75R42CFO	DW25	728	2154	951	6318	176D	1.6	9017	7668	7384	7100	7100	6461	9585	8023
		28.7	84.8	37.4	248.7		23	19879	16905	16279	15653	15653	14244	21131	17688

378 AGRI-STAR XL

R-1W



The 378 Agri-star XL Large Volume series is dedicated for application on High Power Tractors, Combines / Harvesters and big Trailers. 378 Agri-star XL provides very good performance at the price level of standard tires.

Specific tread pattern and tire construction enables use on numerous multipurpose applications. The tread pattern and lugs are designed to enable a comfortable and smooth run on hard surfaces, combined with high traction and excellent self cleaning abilities. Strong textile casing, reinforced by rigid belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Long tread life is provided by advanced rubber compound which along with durable sidewalls, contribute to a longer overall tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD					Field operation			Not high and sustained torque;							
				High Torque		Low Torque	Road transport											
		mm in	mm in	mm in	mm in	Bar psi	10 6	10 6	20 12	Static	10 6	25 16	30 19	40 25	50 31	65 40	70 43	
620/75R30 Steel Belted	DW20	590	1692	830	5025	166D	3.2	-	-	-	12190	7950	6280	6100	5800	5300	4820	
		23.2	66.6	32.7	197.8	169A8	46	-	-	-	26870	17530	13850	13450	12790	12280	11680	10630
710/55R30	DW23	677	1516	667	4459	153D	1.6	4280	5600	4800	8400	5480	4330	4200	4000	3830	3650	3320
		26.7	59.7	26.3	175.6		23	9440	12350	10580	18520	12080	9550	9260	8820	8440	8050	7320
710/60R30	DW23B	705	1616	723	4858	162D	2.4	5560	7280	6240	10930	7130	5630	5460	5200	4990	4750	4320
		27.8	63.6	28.5	191.3	165A8	35	12260	16050	13760	24100	15720	12410	12040	11460	11000	10470	9520
600/70R34	DW20B DW18L W18L	610	1705	770	5118	160D	2.4	5280	6900	5920	10350	6750	5330	5180	4930	4730	4500	4100
		24	67.1	30.3	201.5	163A8	35	11640	15210	13050	22820	14880	11750	11420	10870	10430	9920	9040
710/60R34	DW23B	710	1712	771	5128	164D	2.4	5860	7670	6580	11500	7500	5930	5750	5480	5250	5000	4550
		28	67.4	30.4	201.9	167A8	35	12920	16910	14510	25350	16540	13070	12680	12080	11570	11020	1003
650/75R38	DW23B DW21B DW20B	671	1930	871	5730	169D	2.4	6790	8890	7620	13340	8700	6870	6670	6350	6090	5800	5280
		26.4	76	34.3	225.6	172A8	35	14970	19600	16800	29410	19180	15150	14710	14000	13430	12790	11640
900/55R38 Steel Belted	DW27 DW28	850	2000	901	6021	178D	2.4	8780	11490	9850	17250	11250	8890	8630	8210	7880	7500	-
		33.5	78.7	35.5	237	181A8	35	19360	25330	21720	38030	24800	19600	19030	18100	17370	16540	-
900/60R38	DW27 DW28	868	2040	904	6081	178D	2.4	8780	11490	9850	17250	11250	8890	8630	8210	7880	7500	6830
		34.2	80.3	35.6	239.4	181A8	35	19360	25330	21720	38030	24800	19600	19030	18100	17370	16540	15060
710/75R42	DW23B	730	2140	965	6409	175D	2.4	8090	10580	9070	15870	10350	8180	7940	7560	7250	6900	6280
		28.7	84.3	38	252.3	178A8	35	17840	23330	20000	34990	22820	18030	17510	16670	15980	15210	13850
900/60R42	DW28 DW27 DW30	890	2140	951	6356	180D	2.4	9370	12260	10510	18400	12000	9480	9200	8760	8400	8000	7280
		35	84.3	37.4	250.2		35	20660	27030	23170	40570	26460	20900	20280	19310	18520	17640	16050
900/60R42	DW28 DW27 DW30	890	2140	951	6356	180D	2.4	-	-	-	18400	12000	9480	9200	8760	8400	8000	7280
		35	84.3	37.4	250.3		35	-	-	-	40530	26430	20880	20260	19300	18500	17620	16040

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommended Load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
				Tractor Applications											
				mm in	mm in		mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
900/50R42	27	855	1947	860	5771	168D	1.6	12880	8400	6636	6440	6132	5880	5600	5096
		33.7	76.7	33.9	227.2		23	28400	18520	14630	14200	13520	12960	12350	11240

BIAS TRACTOR

304

R-1



The Alliance 304 is an R-1 tread drive wheel tire for application as a rear tractor tire. Its knife-like lugs are designed for deeper penetration of the ground. The double-angle design with a wide space between lugs ensures efficient self-cleaning properties in any kind of soil. The design, based on 45 angle bar with center studs, provides better resistance to side slippage and continuous rolling. The tire is recommended for hillside operations and for occasional short drives on the road. A strong nylon carcass guards against mechanical failures and moisture deterioration.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommended Load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Tractor Applications							
		mm in	mm in	mm in	mm in	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31		
12.4-24	W11 W10	315	1160	549	3538	8	2.3	3335	2175	-	1784	-	1552	1450	1320
	W10H	12.4	45.7	21.6	139.3	121A8	33	7350	4800	-	3930	-	3420	3200	2910
14.9/13-24	W13 W12 W9	378	1265	566	3800	8	1.8	4140	2700	-	2214	-	1926	1800	1638
		14.9	49.8	22.3	149.6		26	9130	5950	-	4880	-	4250	3970	3610
13.6/12-28	W12	345	1310	548	3885	8	2	3795	2475	-	2030	-	1766	1650	1502
	W11	13.6	51.6	21.6	153	125A8	29	8370	5460	-	4480	-	3890	3640	3310
18.4/15-28	W16L	467	1500	672	4406	8	1.4	5428	3540	3162	2903	-	2525	2360	2148
		18.4	59.1	26.5	173.5	138A8	25	11970	7800	6970	6400	-	5570	5200	4740
13.6/12-36	W12	345	1515	717	4728	8	2	4485	2925	-	2399	-	2087	1950	1775
	DW12	13.6	59.6	28.2	186.1	131A8	29	9890	6450	-	5290	-	4600	4300	3910
12.4-38/11-38	W11	315	1515	718	4561	6	1.7	3450	2250	-	1845	-	1605	1500	1365
	DW12A W12	12.4	59.6	28.3	179.6	122A8	25	7610	4960	-	4070	-	3540	3310	3010
13.6-38	W12	345	1565	739	4671	8	2	4485	2925	-	2399	2165	2087	1950	1775
	W11 DW10	13.6	61.6	29.1	183.9	131A8	29	9890	6450	-	5290	4770	4600	4300	3910
14.9-38	W12	378	1615	743	4835	8	1.8	5014	-	2921	2681	2420	2333	2180	1984
		14.9	63.6	29.3	190.4	135A8	26	11050	-	6440	5910	5340	5140	4810	4370

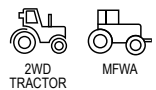
Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index Symbols	Inflation essure bar psi	Recommended Load, kg (lbs) Speed, km/h (mph)								
								Field operation			Not high and sustained torque; Road transport					
		SW	OD					High Torque	Low Torque		Static	10 6	20 12	30 19	40 25	50 31
		mm in	mm in					mm in	mm in							
14.9-24	W13 W12	378 14.9	1265 49.8	574 22.6	3745 147.4	4	0.9	1200	1570	1340	2580	1680	1380	1200	1120	1020
						112A8	13	2650	3460	2950	5690	3700	3040	2650	2470	2250
						6	1.4	1660	2170	1860	3570	2330	1910	1660	1550	1410
						123A8	20	3660	4780	4100	7870	5140	4210	3660	3420	3110
						8	1.8	1930	2520	2160	4140	2700	2210	1930	1800	1640
						128A8	26	4260	5560	4760	9130	5950	4870	4260	3970	3620
16.9-24	W15L W15A W14L W14A	429 16.9	1335 52.6	601 23.7	3933 154.8	6	1.3	1870	2450	2100	4030	2630	2150	1870	1750	1590
						127A8	19	4120	5400	4630	8890	5800	4740	4120	3860	3510
						8	1.7	2200	2880	2470	4740	3090	2530	2200	2060	1870
						133A8	25	4850	6350	5450	10450	6810	5580	4850	4540	4120
11.2-28	W10 W10H W9	284 11.2	1205 47.4	560 22	3621 142.6	4	1.2	940	1230	1050	2010	1310	1080	940	875	800
						103A8	17	2070	2710	2320	4430	2890	2380	2070	1930	1760
						6	1.8	1200	1570	1340	2580	1680	1380	1200	1120	1020
						112A8	26	2650	3460	2950	5690	3700	3040	2650	2470	2250
12.4-28	W11 W10 W10H	315 12.4	1260 49.6	583 23	3776 148.7	4	1.7	1370	1800	1540	2960	1930	1580	1370	1285	1170
						109A8	16	2430	3180	2730	5230	3420	2800	2430	2270	2070
						6	0.7	1370	1800	1540	2960	1930	1580	1370	1285	1170
						117A8	25	3020	3970	3400	6530	4260	3480	3020	2830	2580
13.6-28	W12 W11	345 13.6	1310 51.6	596 23.5	3885 153	4	1	1200	1570	1340	2580	1680	1380	1200	1120	1020
						112A8	15	2650	3460	2950	5690	3700	3040	2650	2470	2250
						6	1.6	1550	2030	1740	3340	2180	1780	1550	1450	1320
						121A8	23	3420	4480	3840	7360	4810	3920	3420	3200	2910
						8	2	1770	2310	1980	3800	2480	2030	1770	1650	1500
						125A8	29	3900	5090	4370	8380	5470	4480	3900	3640	3310
14.9-28	W13 W12	378 14.9	1365 53.7	618 24.3	4036 158.9	6	1.4	1770	2310	1980	3800	2480	2030	1770	1650	1500
						125A8	20	3900	5090	4370	8380	5470	4480	3900	3640	3310
						8	1.8	2030	2660	2280	4370	2850	2340	2030	1900	1730
						130A8	26	4480	5860	5030	9630	6280	5160	4480	4190	3810

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index Symbols	Inflation essure	Recommended Load, kg (lbs)								
								Speed, km/h (mph)								
		Field operation						Not high and sustained torque; Road transport								
		High Torque												Low Torque		
		SW mm in	OD mm in		10 6			10 6	20 12	Static	10 6	20 12	30 19	40 25	50 31	
18.4-28	W16L W15L					6	1.1	2200	2880	2470	4740	3090	2530	2200	2060	1870
		467 18.4	1500 59.1	672 26.5	4406 173.5	133A8	16	4850	6350	5450	10450	6810	5580	4850	4540	4120
						8	1.4	2530	3300	2830	5430	3540	2900	2530	2360	2150
						138A8	20	5580	7280	6240	11970	7800	6390	5580	5200	4740
13.6-36	W12 DW12					6	1.6	1770	2310	1980	3800	2480	2030	1770	1650	1500
		345 13.6	1515 59.6	703 27.7	4548 179.1	125A8	23	3900	5090	4370	8380	5470	4480	3900	3640	3310
						8	2.1	2090	2730	2340	4490	2930	2400	2090	1950	1770
						131A8	30	4610	6020	5160	9900	6460	5290	4610	4300	3900
13.6-38	W12 DW12 W11					4	1.1	1460	1900	1630	3130	2040	1670	1460	1360	1240
		345 13.6	1565 61.6	729 28.7	4709 185.4	119A8	16	3220	4190	3590	6900	4500	3680	3220	3000	2730
						6	1.6	1820	2380	2040	3910	2550	2090	1820	1700	1550
						126A8	23	4010	5250	4500	8620	5620	4610	4010	3750	3420
14.9-38	W13 DW12	378	1615	748	4843	6	1.4	1980	2590	2220	3700	2780	2260	1980	1850	1680
	W12	14.9	63.6	29.4	190.7	129A8	20	4370	5710	4890	8160	6130	4980	4370	4080	3700

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
								Speed, km/h (mph)							
								Drive Wheel Application							
		mm	mm	mm	mm		bar	Static kmph	15 9	20 12	25 16	30 19	40 25	50 31	
		in	in	in	in		psi								
14.9-38 (13-38)	W13	378	1615	748	4914	12	2.6	5589	3256	2989	2697	2600	2430	2211	
	W12 DW12A	14.9	63.6	29.4	193.5	139A8	38	12320	7180	6590	5950	5730	5360	4870	

340

R-1



340 is designed for both on and off road applications. It provides superior traction during field operations and good comfort during on road applications. Its rubber compound provides high resistance to cut growth. The wide nose bar helps in delivering extra life on hard surfaces.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
								Speed, km/h (mph)							
								Tractor Applications							
		mm	mm	mm	mm		bar	10 6	15 9	20 12	25 16	30 19	35 22	40 25	
		in	in	in	in		psi								
9.5-18	8	241	895	420	2686	6	2.2	1163	1108	1046	891	775	698	620	
		9.5	35.2	16.5	105.7	99A6	32	2560	2440	2310	1960	1710	1540	1370	

Alliance 533 is an industrial drive tire constructed for non-agricultural applications. The robust diagonal construction with the additional number of plies provides excellent ground stability and load carrying capacity which is vital while plying through uneven surfaces (construction sites). A specially designed tread pattern promises high traction with excellent self-cleaning, better braking and high on-road mileage.



TRACTOR HEAVY DUTY

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load				Inflation Pressure	Recommended Load			
								Speed					Speed			
		Industrial Use						Agricultural Use								
		Constant load						Cyclic Application		Field			Road Transport			
		mm	mm					mm	mm	bar	psi		20 12	40 25	20 12	40 25
in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in
14.9-24	W13	378	1241	560	3661	12PR	2.9	3160	2900	3570	2900	2.5	2340	2930	2190	1990
	W12	14.9	48.9	22	144.1	145A8	42	6970	6390	7870	6390	36	5160	6460	4830	4390
16.9-28	W15L W14	429	1410	620	4185	12PR	2.6	3870	3550	4370	3550	2.4	2920	3650	2725	2480
	DW14	16.9	55.5	24.4	164.7	152A8	38	8530	7830	9630	7830	35	6440	8050	6010	5470
18.4-28	W16L	467	1477	655	4310	8PR	1.7	3350	3075	3780	3075	1.4	2530	3160	2360	2150
						147A8	25	7390	6780	8330	6780	20	5580	6970	5200	4740
						10PR	2.1	3870	3550	4370	3550	1.8	2920	3650	2725	2480
						152A8	30	8530	7830	9630	7830	26	6440	8050	6010	5470
16.9-30	W15L	429	1485	664	4339	14PR	3.1	4360	4000	4920	4000	2.8	3290	4120	3075	2800
	W14	17	58.4	26.1	170.8	156A8	45	9610	8820	10850	8820	41	7250	9080	6780	6170

TRACTOR

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load				Inflation Pressure	Recommended Load			
								Speed					Speed			
		Industrial Use						Agricultural Use								
		Constant load						Cyclic Application		Field			Road Transport			
		mm	mm					mm	mm	bar	20		40	20	40	bar
in	in	in	in	in	in	psi	12	25	12	25	psi	6	12	25	31	
19.5L-24	W17L	495	1314	589	3957	10PR	1.9	3350	3075	3780	3075	1.7	2540	3180	2370	2160
	W16L	19.5	51.7	23.1	155.7	147A8	28	7390	6780	8330	6780	25	5600	7010	5230	4760

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
				Constant Load			Cyclic application				
				mm	mm		mm	mm	bar	20	40
in	in	in	in	psi	12	25	12	25			
17.5L-24 IND	W15L W15	445	1241	562	3749	8	1.7	2650	2430	2990	2430
		17.5	48.9	22.1	147.6	139A8	25	5840	5360	6590	5360
18.4-24 IND	DW16L	467	1375	605	4157	12	2.5	4220	3875	4770	3875
	W15L	18.4	54.1	23.8	163.7	155A8	36	9300	8540	10520	8540
21L-24 IND	DW18A	533	1378	626	4127	12	2.2	4220	3875	4770	3875
		21	54.3	24.6	162.5	155A8	32	9300	8540	10520	8540
21L-24	DW18L	533	1378	629	4137	16	2.8	4910	4500	5540	4500
	W18L	21	54.3	24.8	162.9	160A8	41	10830	9920	12210	9920
18.4-28IND	W16L	467	1477	667	4405	12	2.2	4170	3830	4710	3830
		18.4	58.1	26.3	173.4	157A8	32	9193	8444	10384	8444

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm					40
		in	in					25
19.5L-24IND	DW16L	495	1314	589.3	3937	12PR	2.35	3450
		19.5	51.7	23.2	155	151A8	34	7606

TRACTOR LOADER BACKHOE

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
		mm	mm					mm	mm	bar	40
		in	in					in	in	psi	25
17.5L-24	W15L	440	1240	561	3658	10	2.2	2800			
		17.3	48.8	22.1	144	144A8	32	6170			

Alliance 303 Steering Wheel tire is a 3-rib (front wheel) tire designed for general farming purposes. It has a raised center rib to ensure easy steering. The tire is engineered for quiet rolling and long-lasting performance in both on and off-the-road service. The strong nylon construction and use of high-grade compounds make it a top-quality tire.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. pressure	Recommended Load, kg (lbs)							
								Speed, km/h (mph)							
		mm in	mm in	mm in	mm in		bar psi	10 6	15 9	20 12	25 16	30 19	35 22	40 25	
11.00-16	W10L 5W8 W8L 10LB 8LB	315 12.4	965 38	436 17.2	2850 112.2	8	2.5	1980	1890	1780	1520	1320	1190	1060	
						118A6/110A8	36	4370	4170	3920	3350	2910	2620	2340	
5.50-16	4.00E 4.25KA 4.50E	150 5.9	710 28	332 13.1	2142 84.3	4	2.5	640	610	570	490	425	380	340	
						78A6/71A8	36	1410	1350	1260	1080	940	840	750	
						6	3.7	800	760	720	610	530	480	420	
						86A6/78A8	54	1760	1680	1590	1350	1170	1060	930	
6.50-16	4.00E 5K 5.5F 4.25KA	175 6.9	760 29.9	353 13.9	2283 89.9	6	3.1	920	880	830	710	615	550	490	
						91A6/83A8	45	2030	1940	1830	1570	1360	1210	1080	
7.50-16	5.50F 5K 6LB	205 8.1	805 31.7	370 14.6	2403 94.6	6	2.8	1130	1070	1010	860	750	680	600	
						98A6/90A8	41	2490	2360	2230	1900	1650	1500	1320	
9.00-16	W8 W7 6.00F	234 9.2	855 33.7	394 15.5	2556 100.6	8	3.1	1640	1560	1470	1250	1090	980	870	
						111A6/103A8	45	3620	3440	3240	2760	2400	2160	1920	
						10	3.9	1880	1790	1690	1440	1250	1130	1000	
						116A6/108A8	57	4150	3950	3730	3180	2760	2490	2210	
7.50-18	5.50F	205 8.1	860 33.9	395 15.6	2566 101	6	2.8	1240	1180	1110	950	825	740	660	
						101A6/94A8	41	2730	2600	2450	2090	1820	1630	1460	
						8	3.7	1460	1390	1320	1120	975	880	780	
						107A6/99A8	54	3220	3060	2910	2470	2150	1940	1720	
6.00-19	4.50E	165 6.5	814 32	382 15	2461 96.9	4	2.3	770	740	700	590	515	460	410	
						85A6/77A8	33	1700	1630	1540	1300	1140	1010	900	
						6	3.3	980	930	880	750	650	590	520	
6.50-20	4.50E	175 6.9	865 34.1	404 15.9	2608 102.7	93A6/85A8	48	2160	2050	1940	1650	1430	1300	1150	
						6	3.1	1100	1040	990	840	730	660	580	
						97A6/89A8	45	2430	2290	2180	1850	1610	1460	1280	



The Alliance 329 is a diamond tread design tire built with a strong nylon construction. Its wide and extended tread protects shoulders and sidewalls against cutting and side snagging. The special cut and chip resistant compound, heat resistant compound and the tire's strong nylon construction provide long life to the tire.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
								Field operation			Not high and sustained torque; Road transport						
		High Torque	Low Torque														
		mm	mm	mm	mm			bar	10	10	20	Static	10	25	30	40	50
		in	in	in	in			psi	6	6	12		6	16	19	25	31
16.9-24	W15L	442	1309	579	3814	6	1.3	1870	2450	2100	4030	2630	1940	1870	1750	1590	
		17.4	51.5	22.8	150.2	127A8	19	4120	5400	4630	8890	5800	4280	4120	3860	3510	
						8	1.7	2200	2880	2470	4740	3090	2290	2200	2060	1870	
						133A8	25	4850	6350	5450	10450	6810	5050	4850	4540	4120	

330

R-3



COMPACTOR



2WD TRACTOR



4WD TRACTOR



UTILITY TRACTOR

The Alliance 330 Drive Wheel is a multi-purpose tire designed to provide high load capacity, significant traction and smooth ride comfort. It is suitable for on-the-road, design, and ozone resistant compounds provide long tread life. industrial and road construction equipment. The strong nylon construction, rugged design, and ozone resistant compounds provide long tread life.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		Field operation						Not high and sustained torque; Road transport									
		High Torque	Low Torque														
		mm	mm					mm	mm	bar	10 6	10 6	20 12	Static	10 6	25 16	30 19
		in	in	in	in		psi										
23.1-26	DW20	587	1580	697	4702	8	1.1	3100	4060	3480	6670	4350	3220	3100	2900	2640	
		23.1	62.2	27.4	185.1	145A8	16	6830	8950	7670	14710	9590	7100	6830	6390	5820	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Drive wheel				Free rolling				
								mm	mm	mm	mm	Static	10 6	25 16	40 25	50 31
in	in	in	in	in	in	bar	psi	10 6	25 16	40 25	50 31	Static	10 6	25 16	40 25	50 31
23.1-26	DW20	587	1580	697	4724	12	1.7	5940	5040	4750	4320	12020	6530	5540	5225	4750
		23.1	62.2	27.4	185.9	162A8	25	13100	11110	10470	9520	26500	14400	12210	11520	10470
23.1-26	DW20	587	1580	697	4600	16	2.3	7000	5940	5600	5100	14170	7700	6530	6160	5610
		23.1	62.2	27.4	181.1	168A8	33	15430	13100	12350	11240	31240	16980	14400	13580	12370
23.1-26	DW20	587	1580	697	4669	18	2.6	7500	6360	6000	5460	15180	8250	7000	6600	6010
		23.1	62.2	27.4	184.1	170A8	38	16540	14020	13230	12040	33470	18190	15430	14550	13250
28L-26	DW25A	714	1590	702	4661	16	2.2	8130	6890	6500	5920	16450	8940	7580	7150	6510
		28.1	62.6	27.6	183.5	173A8	32	17920	15190	14330	13050	36270	19710	16710	15760	14350

324

R-1



2WD TRACTOR



MFVA



COMBINE HARVESTER

Alliance 324 drive wheel is a heavy duty tractor tire for all types of heavy services. The 45 degree self-cleaning deep lugs are especially designed to provide high traction and long life under hard working conditions, including on-the-road service. A strong nylon carcass ensures full power transmission, as well as good resistance to mechanical failures and moisture deterioration.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW	OD					Tractor Applications											
								mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
							in												
bar psi	Static	5 3	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31								
8.3/8-28	W7	214	1109	527	3438	109A8	3.2	2380	-	1550	-	1270	-	1110	-	1035	-	940	
	W6	8.4	43.7	20.7	135.4		46	5250	-	3420	-	2800	-	2450	-	2280	-	2070	
12.4/11-28	W11 W10	315	1260	599.4	3848	12PR	2.8	4070	2810	2480	2210	2030	1830	1770	1700	1650	1580	1500	
	W10H	12.4	49.6	23.6	151.5	125A8	41	8973	6195	5467	4872	4475	4034	3902	3748	3638	3483	3307	
14.9/13-28	W13	378	1365	619	3951	12	2.6	5820	4010	3540	3160	2900	2620	2530	2430	2360	2270	2150	
		14.9	53.7	24.4	155.6	138A8	38	12831	8841	7804	6967	6393	5776	5578	5357	5203	5004	4740	
16.9/14-34	W15L	429	1585	729	4769	10	2	6095	-	3975	-	3260	2942	2836	-	2650	-	2412	
		16.9	62.4	28.7	187.8	142A8	29	13437	-	8763	-	7187	6486	6252	-	5842	-	5318	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		Drive Wheel Application													
		SW	OD					mm	mm	mm	mm	mm	mm	mm	mm
		in	in				in	in	in	in	in	in	in	in	in
12.4-24	W11	315	1160	551	3457	12	3.5	4255	2775	2276	2198	1980	1850	1684	
		12.4	45.7	21.7	136.1	129A8	51	9381	6118	5018	4846	4365	4079	3713	

313

F-2



Alliance 313 tire is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and industrial applications. It has a strong nylon construction and uses high grade compounds which guarantee long tire life.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)								
		Speed, km/h (mph)														
		Free Rolling														
		mm	mm					mm	mm	mm	mm	mm	mm	Static	10 6	15 9
		in	in	in	in			psi								
10.00-16SL	8LB W8L	281	891	412	2672	8	2.8	-	1770	1590	1473	1357	1177	1102	1060	
		11.1	35.1	16.2	105.2	110A8	41	-	3900	3510	3250	2990	2600	2430	2340	
11.00-16SL	W10L	315	950	441.5	2721	12	4.15	3100	-	2330	-	1980	1720	-	1550	
		12.4	37.4	17.4	107.1	123A8	60	6834	-	5137	-	4365	3792	-	3417	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		Steering Applications													
		SW	OD												
mm	mm	mm	mm	mm	mm	bar	10	15	20	25	30	35	40		
in	in	in	in	in	in	psi	6	9	12	16	19	22	25		
11L-15SL	8LB 10LB	279	810	378	2291	8	2.5	1587	1425	1321	1216	1055	988	950	
		11	31.9	14.9	90.2	106A8	36	3500	3140	2910	2680	2330	2180	2090	
14L-16.1SL	W11C	980	956	415	2708	12	3.6	2923	2625	2433	2240	1943	1820	1750	
		38.6	37.6	16.3	106.6	127A8	52	6440	5790	5360	4940	4280	4010	3860	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm	mm	mm	mm		Static	15 9	25 16	30 19	40 25	
		in	in	in	in							
9.5L-15SL	8LB	251	782	357	2337	8	3	1700	1275	1088	944	850
		9.9	30.8	14.1	92	102A8	44	3750	2810	2400	2080	1870

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)				
		Speed, km/h (mph)										
		Tractor-Steer Wheel Application										
		mm	mm					mm	mm	mm	mm	Static
in	in	in	in	in	in	bar	psi					
11.00-16SL	10	315	950	442	2721	12	4.15	3100	2330	1980	1720	1550
		12.4	37.4	17.4	107.1	123A8	60	6830	5140	4370	3790	3420

316

R-3



The Alliance 316 is a multi-purpose tractor that provides high flotation on soft soil. The flotation provides plant and lawn protection as well as orchard and grove protection. The tire is suitable for on-the-road, industrial and road construction equipment. The tire is built with a strong nylon construction and has a rugged design.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Field operation			Not high and sustained torque; Road transport					
								High Torque	Low Torque							
								10 6	10 6	20 12	10 6	20 12	40 25	50 31	65 40	70
12.4-16	W11 W10L 10LB	315	931	429	2783	6PR	2.2	1170	1530	1310	2510	1640	1210	1170	1090	990
		12.4	36.7	16.9	109.6	111A8	32	2580	3370	2890	5530	3620	2670	2580	2400	2180
						8PR	2.8	1340	1750	1500	2880	1880	1390	1340	1250	1140
						116A8	41	2950	3860	3310	6350	4150	3060	2950	2760	2510

FarmPRO 324 has a modern curved multi-angled design for both on & off-road applications. It provides superior traction during field operations. The tread pattern is designed to deliver better self-cleaning and superior drive comfort. It's improved tread compound provides high resistance to cut growth. The wide nose bar and the overlapping of lugs at the center help in delivering extended life on hard surfaces. The strong and aggressive shoulders ensure low tire slippage through the better grip.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		Steering Applications													
		bar						10 6	15 9	20 12	25 16	30 19	35 22	40 25	
		psi													
5-12	4JA	121	550	254	1609	4	2.3	336		302	258	224	-	179	
		4.8	21.7	10	63.3	56A6	33	740		670	570	490	-	400	
6-12	5JA	155	600	282	1818	4	1.9	408	389	367	313	272	245	218	
		6.1	23.6	11.1	71.6	63A6	28	900	860	810	690	600	540	480	
6.00-12	4.50E 5.00	165	635	285	1867	8	2.5	675	644	608	518	450	405	360	
		6.5	25	11.2	73.5	80A6	36	1490	1420	1340	1140	990	890	790	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
				Tractor Application														
				mm	mm	mm	mm	bar	Static	5 3	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
in	in	in	in	psi														
5.00-12	4.00E	140	580	265	1719	6	3.3	-	-	750	715	675	575	500	450	400	-	
		5.5	22.8	10.4	67.7	84A6	48	-	-	1650	1580	1490	1270	1100	990	880	-	
7-14	5JA	183	690	318	2037	4	1.7	-	-	533	508	479	408	355	320	284	-	
		7.2	27.2	12.5	80.2	72A6	25	-	-	1180	1120	1060	900	780	710	630	-	
6.00-16	4.5E	165	735	349	2172	8	4.5	-	-	1005	958	905	771	670	603	536	-	
		6.5	28.9	13.7	85.5	94A6	65	-	-	2220	2110	2000	1700	1480	1330	1180	-	
6.50-16	4.5	175	760	354	2304	8	4.2	-	-	1125	1073	1013	863	750	675	600	-	
		6.9	29.9	13.9	90.7	98A6	61	-	-	2480	2370	2230	1900	1650	1490	1320	-	
7-16	6.00F	183	742	344	2204	4	1.7	-	-	581	553	522	445	387	348	310	-	
		7.2	29.2	13.5	86.8	75A6	25	-	-	1280	1220	1150	980	850	770	680	-	
8-16	6LB	198	790	361	2350	6	1.9	-	-	923	879	830	707	615	554	492	-	
		7.8	31.1	14.2	92.5	91A6	28	-	-	2040	1940	1830	1560	1360	1220	1090	-	
8-18	W7	206	835	380	2496	6	1.9	-	-	1119	1005	931	858	744	697	670	-	
		8.1	32.9	15	98.3	94A6	28	-	-	2470	2220	2050	1890	1640	1540	1480	-	
4.50-19	3.00D	120	736	341	2264	6	4.5	-	-	713	679	641	546	475	428	380	-	
		4.7	29	13.4	89.1	83A6	65	-	-	1570	1500	1410	1200	1050	940	840	-	
8.00-20	5.5F	220	965	443	2800	8	2.8	-	-	2510	-	1530	1310	1170	1090	980	-	
		8.7	38	17.4	110.2	111A6	40	-	-	5530	-	3370	2890	2580	2400	2160	-	
9.5-20	W8	241	940	437	2826	6	2.1	-	-	1900	-	-	1240	920	880	825	-	
		9.5	37	17.2	111.3	101A8	30	-	-	4190	-	-	2730	2030	1940	1820	-	
9.5-20	W8	244	940	444	2883	8	2.8	-	-	-	1300	-	1190	1080	-	975	-	
		9.5	37	17.5	113.5	107A8	41	-	-	-	2866	-	2623	2381	-	2150	-	
11.2-24	W10 W9	284	1105	520	3305	8	2.4	-	-	1875	-	1538	-	1338	-	1250	-	
		11.2	43.5	20.5	130.1	116A8	35	-	-	4130	-	3390	-	2950	-	2760	-	
11.2-24	W10	284	1105	520	3366	12	3.6	3565	-	2325	-	-	1721	1659	-	1550	1411	
		11.2	43.5	20.5	132.5	123A8	52	7860	-	5130	-	-	3790	3660	-	3420	3110	
12.4-24	W11	315	1160	543	3512	8	2.3	3570	-	2180	-	1780	-	1550	1450	1450	1320	
		12.4	45.7	21.4	138.3	121A8	33	7870	-	4810	-	3920	-	3420	3200	3200	2910	
13.6-24	W12 W11	345	1210	554	3603	8	2	-	-	2589	2325	2155	1984	1721	1612	1550	-	
		13.6	47.6	21.8	141.9	123A8	29	-	-	5710	5130	4750	4370	3790	3550	3420	-	
13.6-24	W12	345	1210	562	3675	12	3	-	-	3173	2850	2641	2432	2109	1976	1900	-	
		13.6	47.6	22.1	144.7	130A8	44	-	-	7000	6280	5820	5360	4650	4360	4190	-	
14.9-24	W13 W12	378	1265	591	3891	8	1.8	4140	-	-	2412	2214	1998	1926	1800	1638	-	
		14.9	49.8	23.3	153.2	128A8	26	9130	-	-	5320	4880	4410	4250	3970	3610	-	
14.9-24	W13 W12	378	1265	577	3800	12	2.6	-	-	3360	3002	2755	2486	2397	2307	2240	-	
		14.9	49.8	22.7	149.6	136A8	38	-	-	7410	6620	6070	5480	5280	5090	4940	-	
16.9-24	W15L W14L	429	1335	604.6	3984	8	1.7	4740	-	3090	2760	2535	2285	2205	2120	2060	-	
		16.9	52.6	23.8	156.9	133A8	25	10450	-	6812	6085	5589	5038	4861	4674	4542	-	
8.3-24	W7	211	993	475	3035	8	3.1	-	-	1545	1388	1286	1184	1027	962	925	-	
		8.3	39.1	18.7	119.5	105A8	45	-	-	3410	3060	2840	2610	2260	2120	2040	-	
9.5-24	W8 W7 W8H	241	1050	492	3128	8	2.8	2580	1900	1680	1500	1380	1240	1200	1150	1120	-	
		9.5	41.3	19.4	123.1	112A8	41	5690	4190	3700	3310	3040	2730	2650	2540	2470	-	
18.4-26	DW16A DW16	467	1450	647	4370	12	2.3	-	-	4500	4020	3690	3330	3210	3090	3000	-	
		18.4	57.1	25.5	172	146A8	33	-	-	9920	8860	8140	7340	7080	6810	6610	-	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
				mm	mm		mm	mm	Tractor Application								
						Static			5 3	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
		in	in	in	in		bar psi										
11.2-28	W10 W9	284	1205	369.5	3668	8	2.4	-	-	2204	1980	1835	1690	1465	1373	1320	-
		11.2	47.4	14.5	144.4	118A8	35	-	-	4860	4370	4050	3730	3230	3030	2910	-
12.4-28	W11	324	1274	588	3806	8	2.3	3570	-	2330	2080	1910	1720	1660	-	1550	-
		12.8	50.2	23.1	149.8	123A8	33	7870	-	5140	4590	4210	3790	3660	-	3420	-
13.6-28	W12 W11	345	1310	609	3980	8	2	-	-	2756	2475	2294	2112	1832	1716	1650	-
		13.6	51.6	24	156.7	125A8	29	-	-	6080	5460	5060	4660	4040	3780	3640	-
13.6-28	W12	345	1310	612	4005	12	3	-	-	3540	3180	2947	2714	2353	2205	2120	-
		13.6	51.6	24.1	157.7	134A8	44	-	-	7800	7010	6500	5980	5190	4860	4670	-
14.9-28	W13 W12	378	1365	625.1	4100	8	1.8	-	-	2850	2546	2337	2109	2033	-	1900	-
		14.9	53.7	24.6	161.4	130A8	26	-	-	6283	5613	5152	4650	4482	-	4189	-
14.9-28	W13 W12	378	1365	642.6	4243	12	2.6	-	-	3941	3540	3280	3021	2620	2454	2360	-
		14.9	53.7	25.3	167	138A8	38	-	-	8688	7804	7231	6660	5776	5410	5203	-
16.9-28	W15L	429	1435	630	4350	8	1.7	-	-	3641	3270	3030	2790	2420	2267	2180	-
		16.9	56.5	24.8	171.3	135A8	25	-	-	8030	7210	6680	6150	5340	5000	4810	-
16.9-28	W15L	429	1435	650	4260	12	2.4	6268	-	4088	-	3352	-	2916	-	2725	2480
		16.9	56.5	25.6	167.7	143A8	35	13820	-	9010	-	7390	-	6430	-	6010	5470
18.4-28	W16L	467	1501	681	4504	8	1.4	-	-	3540	3180	2947	2714	2353	2205	2120	-
		18.4	59.1	26.8	177.3	134A8	20	-	-	7800	7010	6500	5980	5190	4860	4670	-
16.9-30	W15L W14L	429	1485	671	4463	8	1.7	5290	3910	3450	3080	2830	2550	2460	2370	2300	-
		16.9	58.5	26.4	175.7	137A8	25	11660	8620	7610	6790	6240	5620	5420	5230	5070	-
16.9-30	W15L	430	1485	674	4446	12	2.5	-	-	4676	4200	3892	3584	3108	2912	2800	-
		16.9	58.5	26.5	175	144A8	36	-	-	10310	9260	8580	7900	6850	6420	6170	-
18.4-30	W16L	467	1552	678	4590	8	1.4	-	-	4058	3645	3378	3110	2697	2527	2430	-
		18.4	61.1	26.7	180.7	139A8	20	-	-	8950	8040	7450	6860	5950	5570	5360	-
18.4-30	W16L DW16L W15L	467	1552	695	4578	10	1.6	-	-	4350	3886	3567	3219	3103	2987	2900	-
		18.4	61.1	27.4	180.2	145A8	26	-	-	9590	8570	7860	7100	6840	6590	6390	-
18.4-30	W16L DW16L	467	1550	694	4653	12	2.3	-	-	4880	4360	4120	3610	3480	3350	3250	-
		18.4	61	27.3	183.2	149A8	33	-	-	10760	9610	9080	7960	7670	7390	7170	-
23.1-30	DW20B	587	1700	773	5083	14	2	-	-	7098	6375	5908	5440	4718	4420	4250	-
		23.1	66.9	30.4	200.1	158A8	29	-	-	15650	14050	13030	11990	10400	9740	9370	-
16.9-34	W15L TW15L	429	1587	715	4687	8	1.7	-	-	4058	3645	3378	3110	2697	2527	2430	-
		16.9	62.5	28.1	184.5	139A8	25	-	-	8950	8040	7450	6860	5950	5570	5360	-
18.4-34	W16	467	1654	722.4	4813	8	1.4	-	-	4426	3975	3684	3392	2942	2756	2650	-
		18.4	65.1	28.4	189.5	142A8	32	-	-	9760	8760	8120	7480	6490	6080	5840	-
18.4-34	W16L	467	1650	736	4892	10	1.8	-	-	4500	4020	3690	3330	3210	3090	3000	-
		18.4	65	29	192.6	146A8	26	-	-	9920	8860	8140	7340	7080	6810	6610	-
18.4-34	W16L	467	1650	775	5034	12	2.3	6100	-	3980	-	-	2940	2840	-	2650	-
		18.4	65	30.5	198.2	151A8	32	13450	-	8770	-	-	6480	6260	-	5840	-
18.4-34	W16L	467	1650	758	5034	14	2.5	-	-	6096	5475	5074	4672	4052	3796	3650	-
		18.4	65	29.8	198.2	153A8	36	-	-	13440	12070	11190	10300	8930	8370	8050	-
12.4-36	W11	315	1470	678	4186	8	2.4	-	-	2839	2550	2363	2176	1887	1768	1700	-
		12.4	57.9	26.7	164.8	126A8	35	-	-	6260	5620	5210	4800	4160	3900	3750	-
12.4-36	W11	315	1470	687	4450	12	3.5	5014	-	3270	-	2681	2420	2333	-	2180	1984
		12.4	57.9	27	175.2	135A8	51	11050	-	7210	-	5910	5340	5140	-	4810	4370
12.4-36	W11	315	1470	682	4344	14	4.1	5589	-	3645	-	2989	2697	2600	-	2430	2211
		12.4	57.9	26.9	171	139A8	59	12320	-	8040	-	6590	5950	5730	-	5360	4870
13.6-36	12	345	1515	712	4632	8	2	-	-	3090	2775	2572	2368	2054	1924	1850	-
		13.6	59.6	28	182.4	129A8	29	-	-	6810	6120	5670	5220	4530	4240	4080	-
12.4-38	W11	315	1514	714	4653	14	3.9	5014	-	3270	-	2681	-	2333	-	2180	1984
		12.4	59.6	28.1	183.2	135A8	57	11050	-	7210	-	5910	-	5140	-	4810	4370
13.6-38	W12	345	1565	752	4853	14	3.5	5428	-	3540	-	2903	-	2525	-	2360	2148
		13.6	61.6	29.6	191.1	138A8	51	11970	-	7800	-	6400	-	5570	-	5200	4740
15.5-38	W14L	394	1569	736	4747	8	1.8	-	-	3090	-	2534	-	2204	-	2060	1875
		15.5	61.8	29	186.9	133A8	26	-	-	6810	-	5590	-	4860	-	4540	4130
15.5-38	14	394	1570	737	4663	12	2.8	5923	-	3863	-	3167	2858	2755	-	2575	2343
		15.5	61.8	29	183.6	141A8	41	13060	-	8520	-	6980	6300	6070	-	5680	5170
16.9-38	W15L W14L	430	1689	786	5097	8	1.7	5923	-	3863	-	-	2858	2755	-	2575	2343
		16.9	66.5	30.9	200.7	141A8	25	13060	-	8520	-	-	6300	6070	-	5680	5170
16.9-38	W15L	430	1689	780	5097	12	2.5	7245	-	4725	-	-	3497	3371	-	3150	2867
		16.9	66.5	30.7	200.7	148A8	36	15970	-	10420	-	-	7710	7430	-	6950	6320
18.4-38	W16L W15L	467	1750	798	5198	8	1.4	6268	-	4088	-	3352	-	2916	-	2725	2480
		18.4	68.9	31.4	204.6	143A8	20	13820	-	9010	-	7390	-	6430	-	6010	5470
18.4-38	W16A W16L	467	1750	792	5170	12	2	-	-	6096	5475	5074	4672	4052	3796	3650	-
		18.4	68.9	31.2	203.5	153A8	30	-	-	13440	12070	11190	10300	8930	8370	8050	-
9.5-42	W8	241	1505	728	4628	6	2.1	1800	-	1526	-	-	1297	1221	-	1090	-
		9.5	59.3	28.7	182.2	111A8	30	3970	-	3360	-	-	2860	2690	-	2400	-

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)																				
								Speed, km/h (mph)																				
		Drive Wheel application												bar	Static	5 4	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31			
		SW	OD				mm	mm	mm	mm	in	in	in													in		
		mm	mm	mm	mm		psi																					
6-14	5JA	155	650	306	1938	4	1.9	690	510	420	390	360	320	300	290	270	-	-										
		6.1	25.6	12	76.3	66A6	28	1520	1120	930	860	790	710	660	640	600	-	-										
5.00-15	4.00E	140	655	302	1950	6	3.5	1290	950	780	730	670	600	560	530	500	-	-										
		5.5	25.8	11.9	76.8	88A6	51	2840	2090	1720	1610	1480	1320	1240	1170	1100	-	-										
7.50-18	5.50F	205	860	401	2624	8	3.7	2190	1620	1330	1240	1140	1020	950	900	860	-	-										
		8.1	33.9	15.8	103.3	106A6	54	4830	3570	2930	2730	2510	2250	2090	1980	1900	-	-										
8.3-20	W7	211	893	424	2702	6	2.4	1630	-	990	-	850	-	710	670	640	-	-										
		8.3	35.2	16.7	106.4	96A6	35	3590	-	2180	-	1870	-	1570	1480	1410	-	-										
12.4-24	W11	315	1160	538	3512	6	1.7	2990	2070	1820	1630	1490	1350	1300	1250	1215	1170	1110										
		12.4	45.7	21.2	138.2	115A8	25	6590	4560	4010	3590	3290	2980	2870	2760	2680	2580	2450										
12.4-24	W11 W10 W10H	315	1160	544	3468	12	3.6	4550	3150	2780	2480	2280	2050	1980	1910	1850	1780	1680										
		12.4	45.7	21.4	136.5	129A8	52	10030	6950	6130	5470	5030	4520	4370	4210	4080	3920	3700										
14.9-24	W13	378	1265	585	3801	6	1.4	3820	2640	2330	2080	1910	1720	1660	1600	1550	1490	1410										
		14.9	49.8	23	149.6	123A8	20	8420	5820	5140	4590	4210	3790	3660	3530	3420	3290	3110										
9.5-24	W8	241	1048	491	3151	6	2.1	2350	1620	1430	1270	1170	1050	1020	980	950	910	860										
		9.5	41.3	19.3	124.1	106A8	30	5180	3570	3150	2800	2580	2320	2250	2160	2090	2010	1900										
14.9-26	W13	378	1316	624	4068	12	2.7	4600	-	3000	-	-	2220	2140	-	2000	-	1820										
		14.9	51.8	24.6	160.2	132A8	39	10140	-	6610	-	-	4890	4720	-	4410	-	4010										
23.1-26	DW20B	587	1600	720	4769	16	2.3	10063	-	6563	-	5381	-	4681	-	4375	3981	-										
		23.1	63	28.3	187.8	159A8	33	22190	-	14470	-	11860	-	10320	-	9650	8780	-										

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
				Log Skidder Application										
				mm	mm		mm	mm	bar	Static	10 6	20 12	30 19	40 25
		in	in	in	in		psi							
20.8-38	W18L	528	1840	849	5542	14	2.3	10060	6560	5380	4680	4375	3980	
		20.8	72.4	33.4	218.2	159A8	33	22180	14460	11860	10320	9650	8770	

324 HD**R-1**

Alliance 324 HD is a bias tire for agricultural applications. The self-cleaning deep lugs are specially designed to provide high traction and a long life. The unique tread design with a tie bar at the center provides additional strength to the lugs and hence reduces tire wear. Certain sizes are reinforced with a special stubble guard compound, which safeguards the tire from punctures and other damages.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
								Speed, km/h (mph)							
		Drive Wheel Application													
		SW	OD												
		mm	mm				mm	mm	bar	Static	10 6	20 12	25 16	30 19	40 25
in	in	in	in	psi											
12.4-24	W11	315	1160	533	3461	12	3.5	4255	2775	2276	2198	1980	1850	1684	
		12	45.7	21	136.3	129A8	51	9381	6118	5018	4846	4365	4079	3713	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)										
								Speed, km/h (mph)										
		Tractor Applications																
		SW	OD					mm	mm	mm	mm	bar						
		in	in				in	in	in	in	psi	Static	5 3	10 6	15 9	20 12	25 16	30 19
11.2-24	W10	284	1105	519.9	3393	8PR	2.4	2875	-	1875	-	1538	-	1338	-	1250	-	1138
		11.2	43.5	20.5	133.6	116A8	35	6338	-	4134	-	3391	-	2950	-	2756	-	2509
14.9-24	W13	378	1265	588	3815	8PR	1.8	4440	3060	2700	2410	2210	2000	1930	1850	1800	1730	1640
		14.9	49.8	23.1	150.2	128A8	26	9789	6746	5952	5313	4872	4409	4255	4079	3968	3814	3616

TracPRO has a modern curved design developed mainly for the heavy duty agricultural segment. The multi angled lug design enables smooth riding on the road and displays excellent traction during field operations. The special stepped surfaces between lugs enable the tire to have excellent self cleaning characteristics. The special tread compound provides protection against cuts and cracks.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		Tractor Applications													
		SW	OD												
		mm	mm	mm	mm		10	15	20	25	30	35	40		
		in	in	in	in		bar	6	9	12	16	19	22	25	
11.2-24	10	284	1115	526	3412	8	2.4	1875	1788	1688	1438	1250	1125	1000	
		11.2	43.9	20.7	134.3	116A6	35	4130	3940	3720	3170	2760	2480	2210	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)					
		Speed, km/h (mph)											
		Mixed Application											
		SW	OD					Static	10 6	20 12	25 16	30 19	40 25
		mm	mm										
in	in	in	in										
12.4-24	W11	315	1170	556	3599	12PR	3.6	4140	2520	2160	1930	1800	1620
		12.4	46.1	21.9	141.7	128A6	52	9130	5560	4760	4260	3970	3570
11.2-28	W10	288	1211	580	3706	8PR	2.4	3040	1980	1780	1520	1320	1060
		11.3	47.7	22.8	145.9	118A6	35	6700	4370	3920	3350	2910	2340
14.9-28	W13	395	1387	649	4147	12PR	2.3	4880	3180	2860	2440	2120	1700
		15.6	54.6	25.6	163.3	134A6	33	10760	7010	6310	5380	4670	3750

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)										
		Speed, km/h (mph)						Tractor Applications										
		SW	OD									Static	5 3	10 6	15 9	20 12	25 16	30 19
		mm	mm					mm	mm	mm	mm							
in	in	in	in	in	in	bar	psi											
12.4-28	W11W10	315	1270	596	3835	12	2.5	3800	2810	2310	2150	1980	1770	1650				
		12.4	50	23.5	151	A6	36	8380	6200	5090	4740	4370	3900	3640				
18.4-30	W16L W15L	465	1550	706	4613	12	2.3	7480	5530	4550	4230	3900	3480	3250				
		18.3	61	27.8	181.6	149A6	33	16490	12190	10030	9330	8600	7670	7170				

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD	Tractor Applications											
		mm	mm	mm	mm		bar	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25
		in	in	in	in		psi								
18.4-30	W16L	500	1600	739	4792	14	2.6	7940	4830	4490	4140	3690	3450	3280	3110
		19.7	63	29.1	188.7	151A6	38	17510	10650	9900	9130	8140	7610	7230	6860

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm	mm	mm	mm		bar	Static	10 6	20 12	30 19	40 25
		in	in	in	in		psi					
16.9-28	W15L	429	1435	645	4225	12	2.4	6270	3820	3270	2725	2450
		16.9	56.5	25.4	166.3	143A6	35	13820	8420	7210	6010	5400

HAULPRO-ML

R-1



Haul Pro is specially designed for heavy duty tractor applications. The 21 degree multi angled lug design with aggressive shoulders ensure excellent traction on the field and a comfortable ride on road. Robust construction with special tread compound provides protection against damages ensuring long tire life and reduced downtime. Superior durability, low soil compaction and high speed capabilities make Haul Pro ML the perfect choice for heavy duty field & haulage applications.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		Mixed Application						Static	10 6	20 12	25 16	30 19	40 25				
		SW	OD											mm	mm		
		in	in											in	in		
16.9-30	W15L	429	1485	688	4469	12	2.4	6640	4200	3780	3220	2800	2240				
		16.9	58.5	27.1	175.9	144A6	35	14640	9260	8330	710	6170	4940				

TRACPRO EX

R-1



TracPRO Ex has a modern curved design developed mainly for the heavy duty agricultural segment. The multi angled lug design enables smooth riding on the road and displays excellent traction during field operations. The special stepped surfaces between lugs enable the tire to have excellent self cleaning characteristics. The special tread compound provides protection against cuts and cracks.

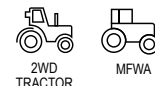


Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)								
								Speed, km/h (mph)								
		Log Skidder Application						Static	10 6	20 12	25 16	30 19	40 25			
		SW	OD													
		mm	mm				mm							mm	bar	psi
in	in	in	in													
12.4-28	W11	315	1260	604	3901	12	2.4	3800	2310	1980	-	1650	1490			
		12.4	49.6	23.8	153.6	125A6	35	8380	5090	4370	-	3640	3290			

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD					Tractor application										
		mm	mm					mm	mm	bar	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25
		in	in					in	in	psi								
18.4-30	W16L	465	1550	719.5	4687	14PR	2.6	7940	4830	4490	4140	3690	3450	3280	3110			
		18.3	61	28.3	184.5	151A6	38	17505	10648	9899	9127	8135	7606	7231	6856			

FARM PRO TD45

R-1



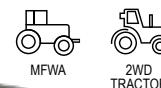
The Alliance FarmPRO TD 45 has a modern, curved 45 degree lug design for both smooth riding on the road, and excellent traction in all field conditions. Its special stepped surfaces between lugs facilitate cleaning in very muddy conditions. The wide nose bar provides extra life on hard surfaces / roads. The FarmPRO TD 45 has been reinforced with a wear resistant compound to give it long wear capabilities.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)											
		Speed, km/h (mph)						Drive Wheel Application											
		SW	OD																
		mm	mm					mm	mm	bar	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	
in	in	in	in	psi															
180/95-14 (7-14)	6	183	691	320	2083	6	2.4	-	1095	1044	986	840	730	657	584				
		7.2	27.2	12.6	82	97A6 93A8	35	-	2410	2300	2170	1850	1610	1450	1290				
8-16	6LB	211	790	367	2368	6	1.9	-	1410	-	860	740	660	615	550				
		8.3	31.1	14.4	93.2	91A6	28	-	3110	-	1900	1630	1460	1360	1210				
9.5-16	W8L	241	845	392	2529	6	2	-	1035	987	932	794	690	621	552				
		9.5	33.3	15.4	99.6	95A6	30	-	2280	2180	2060	1750	1520	1370	1220				
16.9-24	W15	429	1335	601	3933	12	2.4	-	5750	4250	3500	3000	2680	2500	2250				
		16.9	52.6	23.7	154.8	140A6 136A8	36	-	12680	9370	7720	6610	5910	5510	4960				
14.9-28	W12	378	1366	631	4040	8PR	1.8	4370	2660	2470	2280	2035	1900	1805	1730				
	W13 W11	14.9	53.8	24.8	159.1	130A6 126A8	26	9634	5864	5445	5027	4486	4189	3979	3814				
18.4-38	W16L	467	1750	798	5252	10	1.8	7475	4550	4225	3900	3480	3250	3090	2925				
	W15L	18.4	68.9	31.4	206.8	149A6 145A8	26	16480	10030	9320	8600	7670	7170	6810	6450				

FARM PRO TD23

R-1



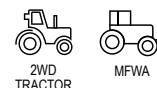
The 23 degree tread offers maximum traction while distinct terracing in the space between the lugs is designed to enhance self-cleaning and provide constant traction in soft soil and mud. The neutral casing mould design minimizes stresses from the under inflated to the inflated tire, resulting in enhanced long-term reliability.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
		Speed, km/h (mph)						Tractor Applications									
		SW	OD														
		mm	mm					mm	mm	bar	Static	10 6	15 9	20 12	25 16	30 19	40 25
		in	in	in	in		psi										
23.1-30	DW20B	587	1707	780	5125	12	1.7	7935	5175	4623	-	3830	3692	3450	3140		
		23.1	67.2	30.7	201.8	151A8	25	17490	11410	10190	-	8440	8140	7610	6920		
24.5-32	DW21B DW20B	622	1803	834	5315	12	1.7	9200	6000	-	4920	-	4280	4000	3640		
		24.5	71	32.8	209.3	156A8	25	20280	13230	-	10850	-	9440	8820	8030		
16.9-38	W15L W15A W14L DW14A	429	1689	780	5008	12	2.2	6095	3975	-	3260	-	2836	2650	2412		
		16.9	66.5	30.7	197.2	142A8	32	13440	8760	-	7190	-	6250	5840	5320		
20.8-38	W18A W15L DW18A 38 DD18	528	1834	829	5389	10	1.5	7245	4220		3495		3370	3150	-		
						148A8	22	15970	9300		7710		7430	6950	-		
						14	2.2	8913	5813		4766		4146	3875	3526		
						155A8	32	19650	12820		10510		9140	8540	7770		

337 DEEP LUG

R-1W+



Multi angled tread pattern for on off road suitability. Stepped lugs help in improving traction. Superior tread compound and wide nose bar gives more life on the road. The tire features high NSD for improved traction. Shadow tie bar adds strength to the lugs.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
		Speed, km/h (mph)						Tractor Application									
		SW	OD									mm	mm	mm	mm		
		mm	mm	mm	mm		mm	mm	bar	Static	5 3	10 6	15 9	20 12	25 16	30 19	35 22
in	in	in	in	in	in	psi											
5.00-12	3.00D	130	580	275	1757	4	2	-	-	386	368	347	296	257	231	206	
		5.1	22.8	10.8	69.2	61A6	29	-	-	850	810	770	650	570	510	450	
6.00-12	4	160	635	299	1985	6	2.6	920	680	560	520	480	430	400	380	360	
		6.3	25	11.8	78.1	76A6	38	2030	1500	1240	1150	1060	950	880	840	790	
8-18	W7	206	841	389	2514	6	1.9	1540	1140	940	870	800	720	670	640	600	
		8.1	33.1	15.3	99	94A6	28	3400	2510	2070	1920	1760	1590	1480	1410	1320	
9.5-18	W8 W7	241	900	418	2762	8	2.8	1650	-	-	1095	-	1005	925	-	825	
		9.5	35.4	16.5	108.7	105A6	41	3640	-	-	2410	-	2220	2040	-	1820	
11.2-20	W10	284	1003	464	2885	8	2.6	2650	-	1610	-	1380	1230	1150	-	-	
		11.2	39.5	18.3	113.6	113A6	38	5840	-	3550	-	3040	2710	2540	-	-	
8.3-20	W7	206	890	426	2742	6	2.4	1630	1210	990	920	850	760	710	670	640	
		8.1	35	16.8	108	96A6	35	3590	2670	2180	2030	1870	1680	1570	1480	1410	
8.3-22	W722	206	940	450	2906	8	3.2	2070	1530	1260	1170	1080	960	900	860	810	
		8.1	37	17.7	114.4	104A6	46	4560	3370	2780	2580	2380	2120	1980	1900	1790	
9.5-22	W8	235	997	468.4	3079	8	2.9	2440	1800	1480	1380	1270	1130	1060	1010	950	
		9.3	39.3	18.4	121.2	110A6	42	5380	3970	3260	3040	2800	2490	2340	2230	2090	
11.2-24	W10 W9 W10H	284	1103	520	3376	8	2.4	2880	2130	1750	1630	1500	1340	1250	1190	1130	
		11.2	43.4	20.5	132.9	116A6	35	6350	4700	3860	3590	3310	2950	2760	2620	2490	
12.4-24	11	315	1160	548	3536	8	2.3	3220	2380	1960	1820	1680	1500	1400	1330	1260	
		12.4	45.7	21.6	139.2	120A6	33	7100	5250	4320	4010	3700	3310	3090	2930	2780	
13.6-24	W12	345	1210	565	3629	8	2	3570	2640	2170	2020	1860	1660	1550	1470	1400	
		13.6	47.6	22.2	142.9	123A6	29	7870	5820	4780	4450	4100	3660	3420	3240	3090	
14.9-24	W13	378	1265	578	3719	8	1.8	4140	3060	2520	2340	2160	1930	1800	1710	1620	
		14.9	49.8	22.8	146.4	128A6	26	9130	6750	5560	5160	4760	4260	3970	3770	3570	
8.3-24	W7	205	995	474	3077	8	3.1	2130	-	1300	-	1110	925	-	830	-	
		8.1	39.2	18.7	121.1	105A6	45	4700	-	2870	-	2450	2040	-	1830	-	
9.5-24	W8	241	1048	500	3249	8	2.8	2510	1850	1530	1420	1310	1170	1090	1040	980	
		9.5	41.3	19.7	127.9	111A6	41	5530	4080	3370	3130	2890	2580	2400	2290	2160	
11.2-26	W10	284	1155	546	3548	8	2.4	2960	-	1800	-	1540	-	1285	-	1160	
		11.2	45.5	21.5	139.7	117A6	35	6530	-	3970	-	3400	-	2830	-	2560	
13.6-26	W12	345	1260	588	3775	8	2.2	3910	2890	2380	2210	2040	1820	1700	1620	1530	
		13.6	49.6	23.1	148.6	126A6	32	8620	6370	5250	4870	4500	4010	3750	3570	3370	
12.4-28	W11 W10	315	1260	584	3782	8	2.3	3570	2640	2170	2020	1860	1660	1550	1470	1400	
		12.4	49.6	23	148.9	123A6	33	7870	5820	4780	4450	4100	3660	3420	3240	30	
12.4-28	W11 W10	312	1260	598	3936	12	3.3	4370	3230	2660	2470	2280	2030	1900	1810	1700	
		12.3	49.6	23.5	155	130A6	48	9634	7121	5864	5445	5027	4475	4189	3990	3748	
13.6-28	W12 W11	344	1323	611	3967	12	2.9	4880	3600	2970	2760	2540	2270	2120	2010	1900	
		13.5	52.1	24.1	156.2	134A6	42	10760	7940	6550	6090	5600	5000	4670	4430	4190	
14.9-28	W13 W12	378	1365	624	4069	8	1.8	4370	3230	2660	2470	2280	2030	1900	1810	1710	
		14.9	53.7	24.6	160.2	130	26	9630	7120	5860	5450	5030	4480	4190	3990	3770	
14.9-28	W13 W12	374	1373	634	4099	12	2.6	5430	4010	3300	3070	2830	2530	2360	2240	2120	
		14.7	54.1	25	161.4	138A6	38	11970	8840	7280	6770	6240	5580	5200	4940	4670	
16.9-28	W15L W14L	429	1435	651	4302	12	2.3	4860	-	-	3230	-	2965	2725	-	2430	
		16.9	56.5	25.6	169.4	143A6	33	10710	-	-	7120	-	6540	6010	-	5360	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)								
		Speed, km/h (mph)														
		Tractor Application														
		bar	Static					5 3	10 6	15 9	20 12	25 16	30 19	35 22	40 25	
psi																
16.9-30	W15L3 W14L3 W15A W14A	429	1485	690	4394	8	1.7	5290	3910	3220	2990	2760	2460	2300	2190	2070
		16.9	58.5	27.2	173	137A6	25	11660	8620	7100	6590	6090	5420	5070	4830	4560
16.9-34	W15L DW15L	429	1585	730	4730	8	1.7	3400	-	2920	-	-	2600	2430	-	2190
		16.9	62.4	28.7	186.2	139A6	25	7500	-	6440	-	-	5730	5360	-	4830
18.4-34	W16L	467	1655	747	4850	10	1.8	6900	5100	4200	3900	3600	3210	3000	2850	2700
		18.4	65.2	29.4	190.9	146A6	26	15210	11240	9260	8600	7940	7080	6610	6280	5950
12.4-36	W11	315	1465	699	4567	8	2.3	3910	2890	2380	2210	2040	1820	1700	1620	1530
		12.4	57.7	27.5	179.8	126A6	33	8620	6370	5250	4870	4500	4010	3750	3570	3370
16.9-38	W10 W9	426	1690	776	5020	8	1.7	5920	4380	3610	3350	3090	2760	2575	2450	2320
		16.8	66.5	30.6	197.6	141A6	25	13050	9660	7960	7390	6810	6090	5680	5400	5120

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)				
		Speed, km/h (mph)										
		Drive Wheel Application										
		SW	OD					Static	10	20	25	30
mm	mm	mm	mm	bar								
in	in	in	in	psi								
18.4-38	W16	467	1755	799	5121	8	1.4	6100	3710	3180	2840	2650
		18.4	69.1	31.5	201.6	142A6	20	13450	8180	7010	6260	5840

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)					
								Speed, km/h (mph)					
		SW	OD					Mixed Application					
		mm	mm					mm	mm	bar	Static	10 6	20 12
in	in	in	in	psi									
9.5-20	W8	241	945	451	2927	8PR	2.8	2240	1460	1320	1120	975	780
		9.5	37.2	17.8	115.2	107A6	41	4940	3220	2910	2470	2150	1720
12.4-26	W11	315	1210	568.8	3668	8PR	2.3	3340	2180	1960	1670	1450	1160
		12.4	47.6	22.4	144.4	121A6	33	7360	4810	4320	3680	3200	2560
12.4-32	W10W11	315	1360	647	4223	8PR	2.3	3680	2400	2160	1840	1600	1280
		12.4	53.5	25.5	166.3	124A6	33	8110	5290	4760	4060	3530	2820

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)					
								Speed, km/h (mph)					
		Log Skidder Application											
		SW	OD					mm	mm	bar	Static	10 6	15 9
mm	mm	mm	mm	psi									
in	in	in	in	in	in								

13.6-28	W12	345	1310	616.5	3974	8PR	2	3800	2310	2150	1770	1650	1490
		13.6	51.6	24.3	156.5	125A6	29	8378	5093	4740	3902	3638	3285

768

R-1



768 Irrigation has ideally spaced 23 degree lugs for superior traction in irrigation use. Strong and wide lugs provide high traction due to larger ground contact. Strong sidewall construction and high nylon carcass minimizes mechanical failure and moisture deterioration.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
		Speed, km/h (mph)						Tractor application									
		SW	OD											mm	mm	mm	mm
		mm	mm					mm	mm	mm	mm	bar	Static	10 6	20 12	25 16	30 19
		in	in	in	in		psi										
195/65-15	7	204	658	306	1987	8	3.2	1495	975	800	722	696	650	592			
		8	25.9	12	78.2	93A8	46	3300	2150	1760	1590	1530	1430	1310			
11.2-24	W10 W9	284	1105	503	3303	6	1.8	2440	1480	1270	1130	1060	950	-			
		11.2	43.5	19.8	130	110A6	26	5380	3260	2800	2490	2340	2090	-			
14.9-24	W13 W12	378	1250	568	3760	6	1.4	3128	2040	1673	1510	1455	1360	-			
		14.9	49.2	22.4	148	119A8	20	6900	4500	3690	3330	3210	3000	-			
14.9-24	W13 W12	382	1248	562	3668	8	1.8	4140	2700	1998	1926	1800	1638	-			
		15	49.1	22.1	144.4	128A8	26	9130	5950	4410	4250	3970	3610	-			
11.2-38	W10	284	1459	678	4390	4	1.2	2185	1425	1169	-	1017	950	865			
		11.2	57.4	26.7	172.8	106A8	17	4820	3140	2580	-	2240	2090	1910			
11.2-38	W10	284	1459	678	4390	6	1.8	2714	1770	1451	1310	1263	1180	-			
		11.2	57.4	26.7	172.8	114A8	26	5980	3900	3200	2890	2780	2600	-			

768 VALUE PLUS

R-1



Alliance 768 Value Plus is specially designed to meet the unique demands of pivot irrigation. Built with strong nylon carcass construction which enhances its ability to carry continuous heavy loads. Designed with low lug angles and rounded shoulders for optimal traction and maximum crop protection. The presence of special ozone compound protects it from cracking ensuring excellent durability.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW	OD	Tractor Applications															
		mm	mm	mm	mm		bar	Static	5 3	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	
		in	in	in	in	psi													
11.2-24	10	280	1100	493	3250	6	1.8	2600	1800	1590	1420	1300	1180	1130	1090	1060	1020	960	
		11	43.3	19.4	128	110A8	26	5730	3970	3510	3130	2870	2600	2490	2400	2340	2250	2120	
11.2-38	10	284	1455	681	4344	6	1.8	2900	2010	1770	1580	1450	1310	1260	1220	1180	1130	1070	
		11.2	57.3	26.8	171	114A8	26	6390	4430	3900	3480	3200	2890	2780	2690	2600	2490	2360	

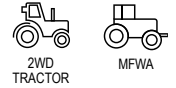
Alliance 347 is a drive wheel tractor tire with higher number of 23 degree lugs. It provides maximum traction on all types of soil and provides a smooth drive. A strong nylon carcass guards against mechanical failures and moisture deterioration. The tire is engineered with breakers for better protection against punctures.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)																			
								Speed, km/h (mph)																			
		Tractor Application											Static	5 3	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31				
		SW mm in	OD mm in					mm in	mm in																		
23.1-26	DW20B	587	1605	719.2	4757	12	1.7	7300	-	-	4850	-	4450	4050	-	3650	-	-									
		23.1	63.2	28.3	187.3	153A8	25	16094	-	-	10692	-	9811	8929	-	8047	-	-									
23.1-26	DW20	600	1605	726	4796	16	2.3	10063	-	6563	-	5381	-	4681	-	4375	-	3981									
		23.6	63.2	28.6	188.8	159A8	33	22185	-	14469	-	11863	-	10320	-	9645	-	8777									
23.1-30	DW20B	587	1707	770.3	5020	14	2	8500	-	5653	-	5230	5756	4718	-	4250	-	3870									
		23.1	67.2	30.3	197.6	158A8	29	18739	-	12463	-	11530	12690	10401	-	9370	-	853									
24.5-32 Steel Belted	DW21A DW21 DW20A	622	1805	805	5286	12	1.7	11090	7650	6750	6030	5540	5000	4820	4640	4500	4320	4100									
		24.5	71.1	31.7	208.1		25	24450	16870	14880	13290	12210	11020	10630	10230	9920	9520	9040									
16.9-38	W15L	429	1685	767	5003	8	1.6	5923	-	3863	-	3167	2858	2755	-	2575	2343	-									
		16.9	66.3	30.2	197	141A8		23	-	8520	-	6980	6300	6070	-	5680	5170	-									
18.4-38	DW16	467	1750	797	5186	8	1.4	6268	-	4088	-	3352	-	2916	2725	3875	-	1450									
		18.4	68.9	31.3	204.1	143A8	36	19650	-	12820	-	10510	-	9480	9140	8540	-	3200									
18.4-38	W16	467	1750	805	5274	14	2.5	8913	-	5813	-	4766	-	4301	4146	3875	-	1450									
		18.4	68.9	31.7	207.6	155A8	36	19650	-	12815	-	10507	-	9482	9140	8543	-	3197									
20.8-38	W18A W18L	528	1840	824	5411	8	1.3	3371	-	7245	-	4725	-	3875	-	3150	-	3150									
		20.8	72.4	33.3	216.6	148A8	32	22190	-	14470	-	11860	-	10320	-	9650	-	8780									
20.8-38	W18L	528	1840	846	5502	14	2.2	10063	-	6563	-	5381	-	4681	-	4375	-	3981									
		20.8	72.4	33.3	216.6	159A8	32	22190	-	14470	-	11860	-	10320	-	9650	-	8780									

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Field operation			Recommend load, kg (lbs)					
		SW	OD								Speed, km/h (mph)					
								High Torque	Low Torque		Not high and sustained torque; Road transport					
									mm in	mm in	mm in	mm in	Bar psi	10 6	10 6	20 12
24.5-32	DW21A DW21	622	1805	805	5286	10PR	1.4	4280	5600	4800	9200	6000	4920	4280	4000	3640
	DW20A	24.5	71.1	31.7	208.1	156A8	20	9440	12350	10580	20280	13230	10850	9440	8820	8030

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)													
								Speed, km/h (mph)													
		SW	OD	mm	mm	Non Cyclic applications	Inflation Pressure	Cyclic operations													
									mm	mm	mm	mm	bar psi	10 6	20 12	30 19	40 25	50 31	bar psi	10 6	15 9
23.1-34 Steel Belted	DW20A	587	1808	800	5269	12	1.7	9488	6188	5074	4414	4125	3754	2.125	7013	6394					
		23.1	71.2	31.5	207.4	157A8	25	20920	13640	11190	9730	9090	8280	31	15460	14100					

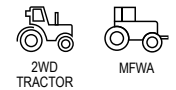


A tractor tire with extra strong lugs for heavy-duty services, that is engineered for high power transmission under the most tough working conditions. Double angle design enables efficient self-cleaning. A 45 degree lug angle around the centerline provides continuous rolling and lower rolling resistance on the roads, as well as lower side slippage during off-the-road and hillside operations. A strong nylon carcass guards against mechanical failures and moisture deterioration.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
		Speed, km/h (mph)						Tractor Application									
		SW	OD					Static	10	20	25	30	40	50			
		mm	mm												mm	mm	mm
		in	in	in	in		psi		6	12	16	19	25	31			
12.4/11-24	W11	315	1160	534	3496	12	3.5	4260	2780	-	2050	1980	1850	-			
	W10 W9	12.4	45.7	21	137.6	129A8	51	9390	6130	-	4520	4370	4080	-			
13.6/12-38	W12	345	1565	704	4702	8	2	4485	2925	-	2165	2087	1950	1450			
		13.6	61.6	27.7	185.1	131A8	29	9890	6450	-	4770	4600	4300	3200			
14.00-38	W12	345	1565	720	4769	8	2	4485	2925	-	2399	2087	1950	1775			
	W11	13.6	61.6	28.3	187.8	131A8	29	9890	6450	-	5290	4600	4300	3910			
18.4/15-38	W16L	467	1750	795	5185	8	1.7	5450	3620	-	3320	3020	2725	-			
		18.4	68.9	31.3	204.1	143A8	25	12020	7980	-	7320	6660	6010	-			
18.4/15-38	W16L	467	1750	795	5185	12	2	8395	5475	4490	4052	3906	3650	3322			
		18.4	68.9	31.3	204.1	153A8	29	18510	12070	9900	8930	8610	8050	7320			

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
								Drive Wheel Application					
								mm	mm	mm	mm	30	40
12.4/11-24	W11	315	1160	534	3496	8	2.7	2900	1930	1770	1610	1450	
		12.4	45.7	21	137.6	121A8	39	6390	4260	3900	3550	3200	



358 is a tractor drive wheel tire characterized by extra strong lugs for heavy-duty services on medium HP agriculture tractors and implements. Its tread pattern includes special reinforced durable lugs in the lug base area that prevents fatigue cracks. In addition, triple angled lugs enable smooth ride in fields and on road. A strong nylon diagonal carcass guards against mechanical failures and moisture deterioration.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
				Tractor application																
				mm	mm		mm	mm	bar	Static	5	10	15	20	25	30	35	40	45	50
				in	in		in	in	psi	kmph	3	6	9	12	16	19	22	25	28	31
14.9-24	W13	378	1265	582	3856	12	2.6	5152	-	3360	-	-	2486	2397	-	2240	-	1450		
		14.9	49.8	22.9	151.8	136A8	38	11360	-	7410	-	-	5480	5280	-	4940	-	3200		
16.9-24	W15L	429	1335	614	4001	8	1.7	4738	3502	3090	2760	2534	2287	2204	2122	2060	1978	1875		
		16.9	52.6	24.2	157.5	133A8	25	10450	7720	6810	6090	5590	5040	4860	4680	4540	4360	4130		
14.9-28	W12 W11	378	1365	632	4553	8	1.8	4370	-	2850	-	2337	-	2033	-	1900	-	1729		
		14.9	53.7	24.9	179.3	130A8	26	9630	-	6280	-	5150	-	4480	-	4190	-	3810		

Size	Rim	Unloaded Dimension		Load Index PR Symbols	Rolling Circum	PR Load Index	Infl. press.	Recommend load, kg (lbs)															
								Speed, km/h (mph)															
		Drive Wheel										Free rolling											
		SW	OD				Static	10	15	20	25	30	35	40	Static	10	15	20	25	30	35	40	
		mm in	mm in	6	9	12																	16

16.5/85-24	W15L	417	1344	574	3934	12 162A6 (158A8)	2.8	-	4320	4054	3819	3585	3350	3183	3015	7631	5970	5596	5273	4949	4625	4394	4163
		16.4	52	22.6	154.9	150A6 (146A8)	41	-	9520	8940	8420	7900	7390	7020	6650	16820	13160	12340	11630	10910	10200	9690	9180
16.5/85-24	W15L	417	1344	593	4011	14 165A6 (161A8)	3.3	-	4710	-	4160	-	3650	-	3290	-	6640	-	5870	-	5150	-	4640
		16.4	52.9	23.3	157.9	153A6 (149A8)	48	-	10380	-	9170	-	8050	-	7250	-	14640	-	12940	-	11350	-	10230

COMBINE HARVESTER





Alliance 360 is an extra wide agricultural tractor drive radial tire for harvester applications. It is characterized by increased load capacity for the same inflation pressure. Low inflation pressure combined with large footprint reduces soil compaction. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters. The tire traction efficiency is increased by an effective traction/slip characteristic. Low angled lugs at the shoulder area improve traction, while higher angles around the tire center line improve ride comfort. Strong radial construction with reinforced beads and sidewalls provide long tire life.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD					Drive wheel					Free rolling						
		mm	mm					mm	mm	Cyclic	10 6	25 16	30 19	40 25	Cyclic	10 6	25 9	30 19	40 25
		in	in					in	in	psi									
540/65R30	W16L, W18L	560 22	1486 58.5	670 26.4	4421 174.1	168A8 156A8	2.4 35	8010 17660	5600 12350	4760 10490	4480 9880	4000 8820	9410 20750	7840 17280	6660 14680	6270 13820	5600 12350		

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)												
		Speed, km/h (mph)																		
		Non Cyclic applications						Free rolling					Inflation Pressure	Cyclic Operations						
		SW	OD	mm	mm			mm	Field	Static	10 6	15 9		20 12	30 19	35 22	40 25	50 31	65 40	bar psi
in	in	in	in	in	in	psi														
620/75R26 (23.1R26)	DW20B	605	1590	730.2	4685	167A8	3.2	-	12540	8180	7300	6700	5830	5610	5450	5000	-	-	9270	8450
		23.8	62.6	28.7	184.4	164B	46	-	27646	18034	16094	14771	12853	12368	12015	11023	-	-	20437	18629
750/65R26 (28LR26)	DW25B					166A8	2.4	5671	12190	7950	7102	6519	5671	5459	5300	4823	-	3	9010	8215
	DW25A	751	1623	727	4942	163B	35	12500	26870	17530	15660	14370	12500	12040	11680	10630	-	44	19860	18110
	DW23A	29.6	63.9	28.6	194.6	173A8	3.6	14950	9750	7995	7475	7118	6825	6598	5915	6500	-	4	10455	9533
	DW23B					170B	52	32960	21500	17630	16480	15690	15050	14550	13040	14330	-	58	23050	21020
600/65R28	W18L	600	1486	678	4481	154A8	2.4	4013	-	5625	-	4613	4013	3750	-	3413	-	3	6375	5813
		23	58.5	26.7	176.4	161A2	35	8850	-	12400	-	10170	8850	8270	-	7520	-	44	14050	12820
650/75R32	DW21B	650	1794	812	5356	172D	3.2	-	14490	9450	8442	7749	7245		6899	6615	6300	4	10710	9765
		25.6	70.6	32	210.9	175A8	46	-	31950	20830	18610	17080	15970		15210	14580	13890	58	23610	21530
650/75R32 (24.5R32)	DW23B	650	1794	812	5358	172A8	3.2	6741	14490	9450	8442	7749	6741	6489	6300	6300	-	4	10710	9765
		25.6	70.6	32	210.9	172A8	46	14861	31945	20834	18611	17084	14861	14306	13889	13889	-	58	23611	21528
800/65R32 (30.5R32)	DW27B					173A8	2.4	6955	14950	9750	8710	7995	6955	6695	6500	5915	-	3	11050	10075
		800	1850	833	5587	170B	35	15330	32960	21500	19200	17630	15330	14760	14330	13040	-	44	24360	22210
		31.5	72.8	32.8	220.0	181A8	3.6	8828	18975	12375	11055	10148	8828	8498	8250	7508	-	4	12750	11630
						178B	52	19460	41830	27280	24370	22370	19460	18740	18190	16550	-	58	28110	25640
650/65R38	DW20B	645	1835	860	5625	178A8	4.8	-	17250	-	10050	9225	8025	7725	7500	6825	-	6	12750	11625
	DW21B DW23B	25.4	72.2	33.9	221.5	175B	70	-	38030	-	22156	20338	17692	17031	16535	15047	-	87	28109	25629
710/70R38	22	716	1948	880	5897	178D	3.4	8625	-	11250	10050	9225	8625	8213	7875	7613	7500	4.25	12750	11625
		28.2	76.7	34.6	232.2	181A8	49	19020	-	24800	22160	20340	19020	18110	17360	16780	16540	62	28110	25630
620/70R42	DW20B	655	1954	909	5781	166A8	2.4	-	12190	7950	7102	6519	5671	5459	5300	4875	-	3	9010	-
	DW20 TW20 DW18L W18L	25.8	76.9	35.8	227.6	163B	35	-	26870	17530	15660	14370	12500	12040	11684	10748	-	44	19860	-

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)						
								Speed, km/h (mph)						
		SW	OD					Field Operation		Not high and sustained torque; Road transport				
		mm	mm					mm	mm	10 6	25 9	30 19	40 25	50 31
		in	in					in	in	Field	Static			
30.5LR32	DW27	775	1819	803	5379	167A8	1.6	5460	12540	8180	6050	5830	5450	5000
	DW27A	30.5	71.6	31.6	211.8	164B	23	12040	27650	18030	13340	12850	12020	11020
30.5LR32	DW27	775	1820	815	5511	178A8	3.1	8030	17250	11250	8330	8030	7500	6900
	DW27A	30.5	71.7	32.1	217	173B	45	17700	38030	24800	18360	17700	16540	15210
30.5LR32	DW27	775	1820	813	5474	173A8	2.4	6960	14950	9750	7220	6960	6500	6000
	DW27A	30.5	71.7	32	215.5	170B	35	15344	32959	21495	15917	15344	14330	13228

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
		Speed, km/h (mph)															
		Tractor Application						Inflation Pressure		Cyclic operations							
		SW	OD														
		mm	mm	mm	mm		bar psi	Static	15 9	20 12	30 19	35 22	40 25	50 31	bar psi	10 6	15 9
		in	in	in	in												
650/65R38	DW20B	645	1835	860	5625	178A8	4.8	17250	10050	9225	8025	7725	7500	6825	6	12750	11630
	DW21B DW23B TW20B	25.4	72.2	33.9	221.5	175B	70	38030	22160	20340	17690	17030	16535	15050	87	28110	25640

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)					
		Speed, km/h (mph)											
		Tractor Application											
		SW	OD										
		mm	mm	mm	mm		bar	psi	Static	10 6	25 16	30 19	40 25
in	in	in	in	in									
620/70R42	DW20B DW20 W18L	650	1950	887	5795	173A8	2.7	14950	9750	7215	6955	6500	5915
	DW18L TW20	25.6	76.8	34.9	228.1	170B	39	32959	21495	15906	15333	14330	13040

375

R-1W

SB
STEEL BELTED



TRUCK

TRAILER

TANKER

SPREADER

4WD TRACTOR

COMBINE HARVESTER

MFWA

A new Alliance 375 Front Harvesters series is characterized by high tire volumes, high load capacities and low inflation pressure. An aggressive R1-W tread pattern, accomplished with sharp shoulders solution, enables excellent grip. High traction capabilities as well as, minimum possible slippage, promises constant travel speed necessary for proper harvesting operations. A special steel belts construction, as well as Stubble Guard tread rubber compound, promises a long and efficient lifetime. The main application of 375 series is on Vegetable harvesters (Potato and Sugar beet Combines), Grain Harvesters, Big spreaders and High load capacity driven equipment.



Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Tractor Application										
				mm	mm		mm	mm	bar psi	10 6	15 9	25 16	30 19	35 22	40 25	50 31	65 43	
				in	in	in	in											
620/75R26	DW20B	625	1595	727	4816	166A8	3	7950	7100	5880	5670	5460	5300	5300	-	3.6	9010	
	DW20A DW18L	24.6	62.8	28.6	186.5	166B	44	17530	15650	12960	12500	12040	11680	11680	-	52	19860	
1050/50R 32	36VA	1030	1906	871	5807	180A8	2.2	12000	10720	8880	8560	8240	8000	-	-	2.6	13600	
		40.6	75	34.3	223.1		32	26460	23630	19580	18870	18170	17640	-	-	38	29980	
800/65R32	DW27A	812	1856	845	5472	172A8	2.4	9450	8440	6990	6740	6490	6300	6300	-	2.9	10710	
		32	73	33.3	215.4	172B	35	20830	18610	15410	14860	14310	13890	13890	-	42	23610	
800/70R32	DW27B	770	1936	877	5706	175A8	0.4	10350	9246	8487	7383	6900	6624	6900	-	3	11730	
		30.3	76.2	34.5	224.6	175B	35	22820	20380	18710	16280	15210	14600	15210	-	44	25860	
900/60R32	DW27	910	1905	857	5796	182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.84	14450	
		35.8	75	33.7	228.2	185A8	46	28110	25110	22200	21560	20990	20530	19690	18740	56	31860	
900/75R32	DW30B	940	2155	965	6377	190A8	3.2	15900	14200	11770	11340	10920	10600	-	-	3.8	18020	
	DH31H	37	84.8	38	251.7		46	35050	31310	25950	25000	24070	23370	-	-	55	39730	
710/75R34	DW23A	720	1945	880	5789	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750	
	DW21A	28.3	76.6	34.6	226.3	178B	46	24800	22160	18360	17700	17040	16540	16540	-	55	28110	

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
							Tractor Application								Inflation Pressure	Cyclic operations	
				mm	mm		mm	mm	bar psi	Static	10 6	20 12	30 19	40 25		50 31	bar psi
				in	in	in	in										
1000/50R25	36.0TH	1065	1660	764	5076	172A8	2.4	14490	9450	7750	6740	6300	5730	3	10710	9770	
		41.9	65.4	30.1	199.8	166D	35	31950	20830	17090	14860	13890	12630	44	23610	21540	

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)										
		Speed, km/h (mph)																
		Harvester application																
		mm	mm	mm	mm		bar psi	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	65 40
		in	in	in	in													
650/75R32	DW21B	650	1830	839	5450	172A8 172B	3.2	14490	9450	-	7749	6993	6741	-	6300	-	6300	-
	DW20B																	
	DW23B	25.6	72	33	214.6		46	31950	20830	-	17080	15420	14860	-	13890	-	13890	-
620/75R34	DW20A	610	1820	822	5412	170A8 170B	3.2	-	9000	8040	-	6660	6420	6180	6000	-	6000	-
		24	71.7	32.4	213.1		46	-	19840	17730	-	14680	14150	13630	13230	-	13230	-
520/85R46 (20.8R46)	W16L 16	542	2050	956	6284	169D 173A8	3.2	13340	8700	-	-	6873	6670	-	6351	-	6090	5800
	DW16L																	
	W15L W15	21.3	80.7	37.6	247.4		46	29410	19180	-	-	15150	14710	-	14000	-	13430	12790

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD					Tractor Application								Inflation Pressure	Cyclic operations	
								mm	mm	mm	mm	mm	mm	mm	mm			
				in	in		in	in	in	in	in	in						
800/65R32	DW27A	812	1856	836	5472	172A8	2.4	9450	7749	6993	6741	6300	6300	3	10710	9765		
		32	73.1	32.9	215.4	172B	35	20830	17080	15420	14860	13890	13890	44	23610	21530		

YIELD MASTER 349

R-1

SG

STUBBLE
GUARDCOMBINE
HARVESTER

Alliance 349 Yield Master is a premium bias tire offering with a stubble-resistant tread compound making it an ideal choice for on and off-road harvester applications. Its tread design with a 23 lug angle enables higher traction, good self-cleaning and low soil compaction. Its larger footprint results in a larger contact area while enabling excellent grip. The larger amount of rubber in contact with the ground results in slow tire wear and provides excellent roadability.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Tractor application				
							mm	mm	mm	mm		Static
in	in	in	in		bar psi							
23.1-26	DW20B	592	1605	730	4803	14	2	9200	5600	4800	4280	4000
		23.3	63.2	28.7	189.1	156A6	29	20280	12350	10580	9440	8820
23.1-26	DW20B	586	1605	726	4691	16	2.3	10060	6130	5250	4680	4375
		23.1	63.2	28.6	184.7	159A6	33	22180	13510	11570	10320	9645
28L-26	DW25B	725	1630	731	4813	12	1.4	10050	4460	4090	3750	2980
		28.5	64.2	28.8	189.5	154A6	20	22160	9830	9020	8267	6570
30.5L-32	DW27B	775	1845	837	5461	12	1.4	9780	5950	5100	3830	4250
		30.5	72.6	33	215	158A6	20	21560	13120	11240	8440	9370
30.5L-32	DH27H DH27B DH27 DH27HB	775	1845	841	5556	18	2.1	13800	8400	7200	6420	6000
		30.5	72.6	33.1	218.7	170A6	30	30420	18520	15870	14150	13230

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)						
								Speed, km/h (mph)						
		Harvester application												
		SW	OD											
		mm	mm	mm	mm		bar	Static	10 6	15 9	20 12	25 16	30 19	40 25
in	in	in	in	psi										
30.5L-32	DW27B	775	1845	8379	5523	16	1.7	12190	7420	6890	6360	5670	5300	4770
		30.5	72.6	329.9	217.4	166A6	25	26870	16360	15190	14020	12500	11680	10520

FARMPRO II

R-1W

COMBINE
HARVESTER

MFWA

FarmPRO '85 Series of agricultural radial tires have multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)												
								Speed, km/h (mph)												
		SW	OD					Tractor application										Infl. press.	Cyclic operations	
								mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			
in	in	in	in		bar psi	Static	10 6	15 9	20 12	30 19	35 22	40 25	50 31	bar psi	10 6	15 9				
680/85R32	DW21B	666	1962	894	5878	173A8	2.4	14950	9750	8710	7995	6955	6695	6500	6500	3	11050	10080		
	DW20B	26.2	77.2	35.2	231.4	173B	35	32960	21500	19200	17630	15330	14760	14330	14330	44	24360	22220		

375 AGRI-STAR VF

R-1W

SB

STEEL
BELTED



COMBINE
HARVESTER

AGRISTAR 375 VF is ideal for applications on combine harvesters. The tread pattern and lugs are designed to enable a comfortable and smooth ride on hard surfaces, combined with high traction and excellent self cleaning abilities off-road. Durable and elastic sidewalls contribute to a long tire life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Not high and sustained torque; Road transport				CFO			
		mm	mm	mm	mm			10 6	15 9	20 12	60 37	70 43	15 9	30 19	
		in	in	in	in		bar psi								
VF 800/65R32	DW27	800	1853	807	5531	181D	2	8840	8250	8250	8250	7510	12787	10725	
		31.5	73	31.8	217.8		29	19490	18190	18190	18190	16560	28190	23650	

AGRI-STAR 365

R-1W

SB

SG

STEEL
BELTED

STUBBLE
GUARD



2WD
TRACTOR



MFWD



4WD
TRACTOR



COMBINE
HARVESTER

The Alliance 365 Agri-star (High Speed Drive Tractor Radial) tread pattern represents the family of modern radial agricultural tires with low aspect ratio. High tire volumes as well as low inflation pressure, provides high traction capabilities and more soil protection. The optimum number of elastic lugs promises excellent self-cleaning capability. Strong carcass and rigid belts ensure long tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs))							
								Speed, km/h (mph)							
		SW	OD					Cyclic operations				Non Cyclic Operation			
		mm	mm	mm	mm			10 6	15 9	Field	10 6	25 16	30 19	40 25	50 31
		in	in	in	in		bar psi								
800/70R32 CHO	DW27B	780	1935	876	5758	175A8	2.4	12420	11390	7380	10350	7660	7380	6900	11300
	DW27A DW25														
	DH27B DW25B	30.7	76.2	34.5	226.7	175B	35	27380	25110	16270	22820	16890	16270	15210	24910

376 MULTI-STAR

R-1



COMBINE
HARVESTER



2WD
TRACTOR



4WD
TRACTOR



TRAILER



MFWD



SPREADER



TANKER



WAGON

376 Multistar is dedicated to work on High Power Tractors, Combine Harvesters, Big Wagons and Spreaders. Specific tread pattern and tire construction enables wide multipurpose applications. Tread pattern with moderate non skid depth, and slightly round shoulders enables comfortable and smooth run on hard surfaces, as well as high traction and good self cleaning in the fields, same sizes as indicated below. Strong casing reinforced by steel belts that guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Certain sizes have special Stubble Guard rubber compound, and durable sidewall compound for better tread life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Combine/Harvester low torque application									
		mm	mm	mm	mm			10 6	15 9	25 16	30 19	35 22	40 25	50 31	65 40	Infl. press. bar psi	Cyclic Loading 10 6
		in	in	in	in		bar psi										
1050/50R32 Steel Belted	36VA	1050	1870	843	5656	185A8	3.2	13370	12400	10270	9900	9530	9250	8930	8500	3.8	15730
		41.3	73.6	33.1	222.7	182D	46	29480	27340	22640	21830	21010	20390	19690	18740	55	34680
900/60R32 (35.5LR32)	DW27B	869	1894	850	5645	176D	2.4	10650	9510	8410	8170	7950	7770	7460	7100	2.9	12070
		34.1	74.7	33.5	222.2		35	23480	20970	18540	18010	17530	17130	16450	15650	42	26610
		846	1896	849	5735	182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830
		33.3	74.6	33.4	225.7	185A8	46	28110	25110	22200	21560	20990	20530	19690	18740	55	34900
		865	1898	849	5663	191D	4.4	17180	14600	12920	12540		11940	11450	10900	5	18530
		34	74.7	33.4	222.9	194A8	64	37880	32190	28480	27650		26320	25240	24030	73	40850

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		Tractor Applications													
		SW	OD												
		mm	mm				mm	mm	bar	10	15	20	25	30	35
in	in	in	in	psi	6	9	12	16	19	22	25	31			
680/85R32	DW21B DW20B	660	1960	884	5815	178A8	3.2	11250	10050	9230	8330	8030	7730	7500	6830
		26	77.2	34.8	228.9		46	24800	22160	20350	18360	17700	17040	16540	15060

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD					Combine Harvester								Infl. press.	Cyclic		
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in				Static
900/60R32 (35.5LR32)	DW28B	846 33.3	1896 74.6	849 33.4	5735 225.8	176D	2.4 35	- -	10650 23480	8414 18550	- -	8165 18000	7775 17140	7455 16440	7207 15890	7100 15650	- -	- -	- -
900/60R32 (35.5LR32)	DW28B	846 33.3	1896 74.6	849 33.4	5735 225.8	191D 194A8	4.8 70	25070 55270	16350 36050	14610 32210	- -	12920 28480	12540 27650	11940 26320	11450 25240	10900 24030	6 87	18530 40850	16900 37260
750/50R26	DW25	754	1421	645	4322	151D	2.4	9488	6188	5528	5074	-	4414	4125	3754	-	3	7013	-
		29.7	55.9	25.4	170.2	157A8	35	20920	13640	12190	11190	-	9730	9090	8280	-	44	15460	-

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)															
								Speed, km/h (mph)															
		Non Cyclic application														Infl. press.	Cyclic Operations						
		SW	OD					mm	mm	mm	mm	bar psi	Static	10 6	20 12		30 16	40 25	50 31	60 37	65 40	70 43	bar psi
		in	in				in	in	in	in													
900/60R32 (35.5LR32)	DW28B	846	1896	849	5735	182D	22	19550	12750	10455	9775	9308	8925	8628	8500	7735	4	14450	13175				
		33.3	74.6	33.4	225.8	185A8	46	43100	28110	23050	21550	20520	19680	19020	18740	17050	58	31860	29050				

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)													
								Speed, km/h (mph)													
		SW	OD					Field Operation			Not high and sustained torque; Road transport										
								Low Torque		High Torque											
								mm	mm	mm	mm	bar	10	20	10	bar	Static	10	25	30	40
		in	in				in	in	psi	6	12	6	psi		6	14	16	25	31	37	43

620/70R46	DW20.00	620	2045	931	6146	159D	1.6	6650	5700	5080	1.6	10060	6560	5180	4440	4750	4590	4375	3980
		24.4	80.5	36.7	242	162A8	23	14661	12566	11199	23	22178	14462	11420	9789	10472	10119	9645	8774

336

Alliance 336 is tough cross ply tire for implement as well as mid range combine harvesters. It provides better traction , self cleaning with higher stability. This tire needs low maintenance time due to minimum wear leading longer life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Tractor application								Infl. press.	Cyclic operations
								mm	mm	mm	mm	mm	mm	mm	mm		
				in	in	in	in	in	in	in	in						
23.1-26	DW20	586	1605	748	4885	14	2	8165	5325	4757	4367	3799	3550	3231	2.5	6035	
		23.1	63.2	29.4	192.3	152A8	29	18001	11740	10487	9628	8375	7826	7123	36	13305	

350

R-1



The Alliance 350 is a special line of radial narrow tires for all types of cultivation, harvesting and spraying jobs. The tire is characterized by round shoulders for soil and crop protection. A tough casing and rigid belt provides all the advantages of radial construction. This tire is used as front wheel in Row Crop applications.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)								Infl. press.	Cyclic operation					
								Speed, km/h (mph)														
		Tractor Application																				
		SW	OD				mm	mm	mm	mm	bar psi	Static	10 6	15 9	25 16	40 25	50 31	65 40	70 43	bar psi	10 6	15 9
		in	in				in	in	in	in												
230/95R48 (9.5R48)	W7	241	1650	800	5156	136D	4	5150	3360	3000	2650	2450	2350	2240	2040	5	3810	3470				
	W8	9.5	65	31.5	203	139A8	58	11350	7410	6610	5840	5400	5180	4940	4500	73	8400	7650				

570

R-4

SB

STEEL BELTED



Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces and stable running on the roads. The strong polyester construction enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial tire construction provides even pressure distribution, high productivity and optimal fuel consumption.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommended Load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
								Drive Wheel						Free Rolling							
							mm	mm	mm	mm	mm	mm	Static	10 6	15 9	25 16	30 19	40 25	Static	10 6	15 9
		in	in				in	in	in	in	Bar psi	Static	10 6	15 9	25 16	30 19	40 25	Static	10 6	15 9	25 16
500/85R24	W16L	528	1458	640.8	4365	171A8	2.8	9990	5950	5650	5060	4760	4250	10150	8610	8180	7320	6150			
		20.8	57.4	25.2	171.9	158A8	41	22024	13117	12456	11155	10494	9370	22377	18982	18034	16138	1355			

AGRIFLEX+ 372

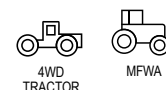
R-1W

SB

STEEL BELTED

SG

STUBBLE GUARD



The Alliance 372 Agriflex+ Very High Flexion (VF) tires are designed with increased flexibility in the sidewall to enable the tire to carry up to 40% more load at the same pressure as a standard radial tire. They can also carry the same load as a standard radial tire with up to 40% less air pressure. This reduction in air pressure creates a bigger footprint for more traction, less slip, better fuel efficiency, and decreased soil compaction, resulting in more yield.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)											Cyclic Operations	
		Speed, km/h (mph)																		
		SW	OD					Harvester Application												
		mm	mm				mm	mm	bar psi	10 6	15 9	20 12	30 16	40 25	50 31	60 37	65 40	70 43	bar psi	10 6
in	in	in	in	in	in	psi	6	9	12	16	25	31	37	40	43	psi	6			
VF750/65R26	DW25B	754	1636	698.1	4755	177D	2.4	8030	-	7592	7446	7300	7300	7300	6643	3.2	10220			
		29.7	64.4	27.5	187.2		35	17703	-	16737	16416	16094	16094	16094	14645	46	22531			
VF600/70R28CFO	DW20B	630	1560	681	4576	173D	2.8	7995	7150	6760	-	6695	6500	6500	5915	2.8	880			
		24.8	61.4	26.8	180.2		41	17626	15763	14903	-	14760	14330	14330	13040	41	1941			
VF520/85R30CFO	DW18L	526	1646	724.8	4864	172D	2.8	6930	-	6552	6426	6300	6300	6300	5733	3.6	8820			
		20.7	64.8	28.5	191.5		41	15278	-	14445	14167	13889	13889	13889	12639	52	19445			
VF620/70R30CFO	DW21B	626	1630	706.1	4864	175D	2.8	7590	-	7176	7038	6900	6900	6900	6279	3.6	9660			
		24.6	64.2	27.8	191.5		41	16733	-	15820	15516	15212	15212	15212	13843	52	21297			
VF710/60R30	DW25B	710	1615	695.7	4707	171D	2	6590	6150	6150	-	-	-	-	6150	5600	2.5	8610		
		28	63.6	27.4	185.3		29	14528	13558	13558	-	-	-	-	13558	12346	36	18982		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press.	Recommended load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
				Harvester Application												Cyclic Operations			
				mm	mm		mm	mm	bar psi	10 6	15 9	20 12	30 16	40 25	50 31	60 37	65 40	70 43	bar psi
		in	in	in	in														
VF710/65R30CFO	DW25B	722	1686	746.4	5006	179D	2.8	8525	-	8060	7905	7750	7750	7750	7750	7053	3.6	10850	
		28.4	66.4	29.4	197.1		41	18794	-	17769	17428	17086	17086	17086	17086	15549	52	23920	
VF500/85R34CFO	DW18L	502	1714	751	5076	172D	2.8	6930	-	6552	6426	6300	6300	6300	6300	5733	3.6	8820	
		19.8	67.5	29.6	199.8		41	15278	-	14445	14167	13889	13889	13889	13889	12639	52	19445	
VF580/80R34CFO	DW20B	586	1792	787	5269	178D	2.8	8250	-	7800	7650	7500	7500	7500	7500	6825	3.6	10500	
		23.1	70.6	31	207.4		41	18188	-	17196	16865	16535	16535	16535	16535	15047	52	2314	
VF600/70R34	DW21B	625	1705	672.9	4946	167D	1.6	5840	5450	5450	-	-	-	-	-	5450	4960	2	7630
		24.6	67.1	26.5	194.7		23	12875	12015	12015	-	-	-	-	-	2015	10935	29	16821
VF680/80R38CFO	DW23B	687	2053	897.6	6058.3	188D	2.8	11000	-	10400	10200	10000	10000	10000	10000	9100	3.6	14000	
		27	80.8	35.3	238.5		41	24251	-	22928	22487	22046	22046	22046	22046	20062	52	30865	
VF710/60R38	DW25B	710	1815	797.3	5343	171D	0.6	7565	6765	6396	6273	6150	6150	6150	6150	5597	8333	1.6	6980
		28	71.5	31.4	210.4		23	16678	14914	14101	13830	13558	13558	13558	12339	18371	23	15388	
VF900/50R42	DW30B	881	1967	841.2	5816	180D	1.6	8800	8320	8160	-	8000	8000	8000	8000	8000	7280	2.4	11200
		34.7	77.4	33.1	229		23	19401	18342	17990	-	17637	17637	17637	17637	16050	35	24692	
VF900/60R42	DW30B	881	2147	936.5	6388	189D	2	11330	10712	10506	-	10300	10300	10300	10300	10300	9373	2.8	14420
		34.7	84.5	36.9	251.5		29	24978	23616	23162	-	22708	22708	22708	22708	22708	20664	41	31791

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press.	Recommended load, kg (lbs)															
								Speed, km/h (mph)															
		SW	OD					Not high and sustained torque; Road transport														Cyclic Operations	
		mm	mm					mm	mm	bar psi	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	65 40	70 43	bar psi	10 6
		in	in					in	in														
VF650/75R38	DW21B	666	1940	839.5	5702	175D	1.6	7590	7245	7176	7107	7038	6969	6900	6900	6900	6900	6900	6279	2.4	9660		
		26.2	76.4	33.1	224.5		23	16733	15972	15820	15668	15516	15364	15212	15212	15212	15212	13843	35	21297			
VF710/60R34	DW25B	710	1715	753.7	5105	173D	2	7150	6825	6760	6695	6630	6565	6500	6500	6500	6500	6500	5915	2.8	9100		
		28	67.5	29.7	201		29	15763	15047	14903	14760	14617	14473	14330	14330	14330	14330	13040	41	20062			

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Not high and sustained torque; Road transport					Cyclic Operations		
		mm	mm					mm	mm	bar psi	10 6	15 9	20 12	65 40	70 43
IF900/60R32CFO	DW30B	875	1892	840	5628	188D	3.2	12700	11500	10800	10000	9100	4	14000	
	DW28B	34.4	74.5	33.1	221.6		46	27999	25353	23810	22046	20062	58	30865	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)											Infl. press.	Cyclic operation	
		SW	OD					Speed, km/h (mph)													
				Log Skidder Application												bar psi	15 9	30 19			
				mm in	mm in		mm in	mm in	bar psi	Static	10 6	20 9	30 12	40 25	50 31				65 40	70 43	
VF710/60R38	DW25B	710	1815	797.3	5343	171D	1.6	7565	6765	6396	6273	6150	6150	6150	5597	1.6	8333	6980			
		28	71.5	31.4	210.4		23	16678	14914	14101	13830	13558	13558	13558	12339	23	18371	15388			

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press.	Recommended load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD					CFO	Harvester Application									
		mm	mm						mm	mm	bar psi	Up to 15 kmph Cyclic	Up to 30 kmph Cyclic	10 6	20 12	30 19	40 25	50 31
in	in	in	in															
VF710/70R42CFO	DW25 DW24	740	2061	924	6094	185D	2.6	12530	10500	21280	10180	9620	9530	9440	9250	9250	9250	
		29.1	81.1	36.4	239.9		38	27620	23150	46910	22440	21210	21010	20810	20390	20390	20390	
VF800/70R32CFO	DW27	820	1933	827	5675	185D	2	12530	10500	10175	9620	9440	9250	-	9250	9250	8420	
		32.3	76.1	32.6	223.4		29	27620	23150	22430	21210	20810	20390	-	20390	20390	18560	
VF900/60R32CFO	DW30B	885	1893	800.3	5533	191D	2.8	14770	12370	11990	11340	11120	10900	10900	10900	10900	9920	
		34.8	74.5	31.5	217.8		41	32562	27271	26433	25000	24515	24030	24030	24030	24030	21870	
VF900/60R38CFO	DW30B	894	2038	871	6009	187D	2	13210	11070	10730	10140	9975	9750	9750	9750	9750	8870	
		35.2	80.2	34.3	236.6		29	29120	24410	23660	22360	21990	21500	21500	21500	21500	19560	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
				Road transport										Cyclic Operations			
				mm	mm		mm	mm	bar psi	10 6	15 9	25 16	30 19	40 25	65 40	70 43	bar psi
		in	in	in	in	psi											
VF620/70R42CFO	DW21B	620	1935	851	5810	172D	1.6	6930	6620	6490	6430	6300	6300	5730	2.4	8820	
	DW20B	24.4	76.2	33.5	228.7		23	15278	14595	14308	14176	13889	13889	12632	35	19445	

AGRIFLEX+ 377 XT

R-1

SB

CP-S

STEEL
BELTED

CUT PROTECTED
SEVERE
COMPOUND



SPREADER

Agriflex VF 377XT is the next-gen Alliance engineered series which is a hybrid of Agriflex technology and SLT. It has been designed to fulfil the needs of giant machine spreaders, floaters, terragators, and grain carts that demand great on-road usage. Its ability to carry 40% more load at the same amount of pressure makes it well-equipped to move the additional weight of fertilizers and herbicides with minimum soil compaction in the field. The new pattern comes with an additional number of lugs that ensures driving comfort and road ability and SLT technology for optimum traction and better-braking Presence of a stubble guard compound ensures excellent durability. All in all features like these that make the Agriflex VF 377XT a powerhouse performer.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended Load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
				CFO	Spreader Application										
					15		30	10	20	30	40	65	70		
					mm in		mm in	mm in	mm in	bar psi	9	19	6	12	19
VF750/60R46 CFO	DW27B DW28B	758	2050	928	6240	189D	3.2	13960	11690	11330	10710	10510	10300	10300	9370
	DW25B	29.8	80.7	36.5	245.7		46	30780	25770	24980	23610	23170	22710	22710	20660

SPREADER & HARVESTER

AGRIFLEX+377

R-1

SB

SG

STEEL
BELTED

STUBBLE
GUARD



Agriflex VF 377 is the latest addition to Alliance engineered series of Agriflex tires. It has been designed to fulfil the needs of spreaders, sprayers, combine harvesters and grain carts. Its ability to carry 40% more load at the same amount of pressure makes it well equipped to move the additional weight of fertilizers and herbicides with minimum soil compaction. Presence of a stubble guard compound ensures excellent durability, reduced downtime and maximum vehicle productivity. All in all, features like these that make the Agriflex VF 377 a powerhouse performer.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)						
								Recommended load, kg (lbs)						
		SW	OD	mm	mm	bar psi	CFO		Not high and sustained torque; Road transport					
							15 9	30 19	10 6	15 9	20 12	65 40	70 43	
							in	in	in	in				
1000/50R25CFO	36.0TH	1030	1645	703	4949	184D	2.4	11970	9990	9640	9000	9000	9000	-
		40.6	64.8	27.7	194.8		35	26390	22020	21250	19840	19840	19840	-
VF750/50R26CFO	DW25B DW23B	754	1410	613	4247	169D	2.4	7710	6440	6210	5800	5800	5800	5280
		29.7	55.5	24.1	167.2		35	17000	14200	13690	12790	12790	12790	11640
1050/50R32CFO	36VA	1059	1863	821	5650	198D	3.6	17560	14650	14140	13200	13200	13200	-
		41.7	73.3	32.3	222.4		52	38710	32300	31170	29100	29100	29100	-

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)												
								Recommended load, kg (lbs)												
		SW	OD					Spreader Application										Infl. press.	Cyclic operation	
				mm	mm		mm	mm	bar	10	20	30	40	50	60	65	70			psi
				in	in	in	in	psi	6	9	12	25	31	37	40	43	psi			6
VF750/60R46	DW27B	754	2050	928	6201	180D	2	8800	8320	8160	8000	8000	8000	8000	7280	2.8	11200			
	DW28B DW25B	29.7	80.7	36.5	244.1		29	19400	18340	17990	17640	17640	17640	17640	16050	41	24690			

AGRIFLEX+ 372

R-1W

SB

SG

STEEL
BELTED

STUBBLE
GUARD



The Alliance 372 Agriflex+ Very High Flexion (VF) tires are designed with increased flexibility in the sidewall to enable the tire to carry up to 40% more load at the same pressure as a standard radial tire. They can also carry the same load as a standard radial tire with up to 40% less air pressure. This reduction in air pressure creates a bigger footprint for more traction, less slip, better fuel efficiency, and decreased soil compaction, resulting in more yield.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)										
		Speed, km/h (mph)																
		SW	OD	mm	mm		Spreader Application										CFO	
		mm	mm				10	20	30	40	50	60	65	70	Up to 15 kmph Cyclic	Up to 30 kmph Cyclic		
		in	in			in	in	bar psi	6	9	12	25	31	37			40	43
VF900/60R32CFO	DW30B	880	1890	772	5426	170D	1	6600	6240	6120	6000	6000	6000	6000	6000	5460	8130	6810
	DW27	34.6	74.4	30.4	213.6		15	14550	13757	13492	13228	13228	13228	13228	12037	17924	15013	

AGRI TRANSPORT



RADIAL FLOTATION



AGRIFLEX+ 389 XT

SB

STEEL BELTED

Alliance Agriflex+ 389 XT VF introduces the next round of innovation in our flotation segment. With Agriflex+ 389 XT we have increased the load rating on these tires which allow to mirror the pressure of VF tires on today's high horsepower tractors. This enables the customers to carry higher load with lower footprint pressure and lesser soil compaction. Agriflex+ 389XT comes with a improved aesthetics and design.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
								Mixed application							
		SW	OD				bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40
VF560/60R22.5	AG16.00	553	1250	539.9	3727	166D	3.2	10810	8690	8060	7470	6840	6200	5620	5300
		21.8	49.2	21.3	146.7		46	23832	19158	17769	16469	15080	13669	12390	11684
VF710/45R22.5	AG24.00	716	1212	525	3688	170D	3.2	12240	9840	9120	8460	7740	7020	6360	6000
		28.2	47.7	20.7	145.2		46	26985	21693	20106	18651	17064	15476	14021	13228
VF750/45R22.5	AG24.00	745	1253	544	3805	170D	2.8	12240	9840	9120	8460	7740	7020	6360	6000
		29.3	49.3	21.4	149.8		41	26985	21693	20106	18651	17064	15476	14021	13228
VF600/55R26.5	AG20.00	620	1348	590	4011	170D	3.2	12240	9840	9120	8460	7740	7020	6360	600
		24.4	53.1	23.2	157.9		46	26990	21690	20110	18650	17060	15480	14020	13230
VF650/55R26.5	AG20.00	640	1384	600	4142	174D	3.2	13670	10990	10180	9450	8640	7840	7100	6700
		25.2	54.5	23.6	163.1		46	30140	24230	22440	20830	19050	17280	15650	14770
VF650/60R26.5	AG20.00	665	1453	632	4324	177D	3.2	14890	11970	11100	10290	9420	8540	7740	7300
		26.2	57.2	24.9	170.2		46	32830	26390	24470	22690	20770	18830	17060	16090
VF710/50R26.5	AG24.00	732	1400	607	4208	176D	3.2	14480	11640	10790	10010	9160	8310	7530	7100
		28.8	55.1	23.9	165.7		46	31920	25660	23790	22070	20190	18320	16600	15650
VF750/45R26.5	AG24.00	754	1360	576.6	4104	176D	3.2	14480	11640	10790	10010	9160	8310	7530	7100
		29.7	53.5	22.7	161.6		46	31923	25662	23788	22068	20194	18320	16601	15653
VF750/60R30.5	AG24.00	765	1680	724	5061	187D	3.2	19890	15990	14820	13750	12580	11410	10340	9750
		30.1	66.1	28.5	199.3		46	43850	35250	32670	30310	27730	25160	22800	21500
VF800/60R32	DW25B	778	1800	784	5439	191D	3.2	22240	17880	16570	15370	14060	12750	11550	10900
		30.6	70.9	30.9	214.1		46	49030	39420	36530	33890	31000	28110	25460	24030

AGRIFLEX+ 389 (IMP)

HF-2

SB

STEEL BELTED



Alliance Agriflex+ 389 VF introduces the next level of innovation: the world's first VF flotation tire offers the possibility to be operated at 30% lower inflation pressure as a conventional flotation tire. Our goal at Alliance is to develop tires that solve real problems in the field. With Agriflex+ 389 we have trailer tires which allow to mirror the pressure of VF tires on today's high horsepower tractors. This significantly reduces the footprint pressure and thus results in low soil compaction.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
								Mixed application											
		SW	OD				bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	60 37	65 40	75 43	
VF 750/45R26.5 IMP	AG24.00	754	1360	589	4086	172D	4	13230	11030	10580	10080	9700	9260	8380	7500	6680	6300	5860	
		29.7	53.5	23.2	160.9		58	29170	24320	23330	22220	21390	20420	18480	16540	14730	13890	12920	
VF500/60R22.5	AG16.00	503	1172	514	3492	160D	3.2	9180	7380	-	6840	-	6350	5810	5270	4770	4500	-	
		19.8	46.1	20.2	137.5		46	20240	16270	-	15080	-	14000	12810	11620	10520	9920	-	
VF560/60R22.5	AG16.00	550	1250	538	3711	163D	2.8	9950	8000	-	7410	-	6870	6290	5700	5170	4875	-	
		21.7	49.2	21.2	146.1		41	21940	17640	-	16340	-	15150	13870	12570	11400	10750	-	
VF800/60R32	DW27B	800	1800	778	5465	188D	2.8	20400	16400	-	15200	-	14100	12900	11700	10600	10000	-	
		31.5	70.9	30.6	215.2		41	44970	36160	-	33510	-	31090	28440	25790	23370	22050	-	

Alliance 389 is a radial flotation tire offering from Alliance brand. The tire is designed to significantly reduce the footprint pressure and thus resulting in low soil compaction and higher yield. The pattern design also ensures high traction and superior grip for all on and off the road applications.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		Mixed application													
		mm in	mm in				mm in	mm in	Bar psi	Static	10 6	20 12	30 19	40 25	50 31
500/60R22.5	AG16.00 16 15 17	503	1172	533	3536	155D	4	7720	6210	5750	5340	4880	4430	4010	3785
		19.8	46.1	21	139.2		58	17020	13690	12680	11770	10760	9770	8840	8340
550/45R22.5	AG16.00	533	1070	489.1	3325	155D	5	8913	6975	6394	5851	5270	4689	4146	3875
		21	42.1	19.3	130.9		73	19650	15377	14096	12899	11618	10337	9140	8543
600/50R22.5	AG20.00	611	1172	531	3580	168D	6	12880	10080	9240	8456	7616	6776	5992	5600
		24.1	46.1	20.9	140.9		87	28400	22220	20370	18640	16790	14940	13210	12350
600/55R22.5	AG20.00	611	1232	555	5495	166D	5	12190	9540	8745	8003	7208	6413	5671	5300
		24.1	48.5	21.9	216.3		73	26870	21030	19280	17640	15890	14140	12500	11680
620/40R22.5	AG20.00	615	1075	484	3288	158D	5	9775	7650	7013	6418	5780	5143	4548	4250
		24.2	42.3	19.1	129.4		73	21550	16865	15461	14149	12743	11338	10027	9370
600/55R26.5	AG20.00	629	1348	614	4068	169D	5	13340	10440	9570	8755	7885	7015	6205	5800
		24.8	53.1	24.2	160.2		73	29410	23020	21100	19300	17380	15470	13680	12790
650/55R26.5	AG20.00	640	1384	633	4235	177D	6	16790	13140	12045	11025	9930	8835	7810	7300
		25.2	54.5	24.9	166.7		87	37020	28970	26560	24310	21890	19480	17220	16090
650/60R26.5	AG20.00	665	1453	655	4372	172D	4	14490	11340	10395	9515	8570	7625	6740	6300
		26.2	57.2	25.8	172.1		58	31950	25000	22920	20980	18890	16810	14860	13890
650/60R26.5	AG20.00	665	1453	662	4437	180D	6	18400	14400	13200	12080	10880	9680	8560	8000
		26.2	57.2	26.1	174.7		87	40570	31750	29100	26630	23990	21340	18870	17640
710/50R26.5	AG24.00	732	1400	630	4208	170D	4	13800	10800	9900	9060	8160	7260	6420	6000
		28.8	55.1	24.8	165.7		58	30420	23810	21830	19970	17990	16010	14150	13230
750/45R26.5	AG24.00	745	1360	615	4164	174D	5	15410	12060	11055	10120	9110	8105	7170	6700
		29.3	53.5	24.2	163.9		73	33970	26590	24370	22310	20080	17870	15810	14770
750/60R30.5	AG24.00	765	1680	755	5134	181D	4	21275	16650	15263	13968	12580	11193	9898	9250
		30.1	66.1	29.7	202.1		58	46900	36710	33650	30790	27730	24680	21820	20390
850/50R30.5	AG28.00	850	1625	728	4996	182DD	4	19550	15300	14025	12835	11560	10285	9095	8500
		33.5	64	28.7	196.7		58	43100	33731	30920	28296	25485	22675	20051	18739
800/60R32	DW25B	778	1800	812	5495	185D	4	21275	16650	15263	13968	12580	11193	9898	9250
		30.6	70.9	32	216.3		58	46900	36710	33650	30790	27730	24680	21820	20390

Alliance 380 Implement Flotation tire provides full soil protection and flotation tire characteristics in field. The tires high-speed steel belted radial flotation construction, combined with specific casings construction and special rubber compound enables it to run at high speed on road. Deep non-directional lug type pattern enables high mobility in field including significant traction ability as well as comfortable smooth movement on road. Heavy duty tires are best suited for tough applications compared to the standard range.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommended Load, kg (lbs)											
		Speed, km/h (mph)																	
		Mixed application																	
		SW	OD																
mm	mm	mm	mm	mm	mm	Bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	60 37	65 40	70 43		
in	in	in	in	in	in														
560/45R22.5	AG16.00	554	1076	484	3263	152D	4	8165	6390	6142	-	5609	5361	4828	4296	3799	3550	3231	
		21.8	42.4	19.1	128.5		58	18000	14090	13540	-	12370	11820	10640	9470	8380	7830	7120	
560/60R22.5	AG16.00	544	1245	622	3789	164D	4	11500	9000	-	8250	-	7550	6800	6050	5350	5000	4550	
		21.4	49	24.5	149.2	161E	58	25350	19840	-	18190	-	16650	14990	13340	11800	11020	10030	
560/60R22.5	AG16.00 AG20.00 16.00 17.00	554	1245	560	3677	169D	6	13340	10440	10034	-	9164	8758	7888	7018	6206	5800	5278	
		21.8	49	22	144.8		87	29410	23020	22120	-	20200	19310	17390	15470	13680	12790	11640	
580/65R22.5	AG16.00	585	1318	578	3974	166D	4	12190	9540	9169	-	8374	8003	7208	6413	5671	5300	4823	
		23	51.9	22.8	156.5		58	26870	21030	20210	-	18460	17640	15890	14140	12500	11680	10630	
620/40R22.5	AG20.00	620	1072	481	3226	155D	4	8913	6975	6704	-	6123	5851	5270	4689	4146	3875	3526	
		24.4	42.2	18.9	127		58	19650	15380	14780	-	13500	12900	11620	10340	9140	8540	7770	
650/50R22.5	AG20.00	650	1240	566	3825	163E	5	12190	9540	-	8745	-	8003	7208	6413	5671	5300	4823	
		25.6	48.8	22.3	150.6		73	26870	21030	-	19280	-	17640	15890	14140	12500	11680	10630	
750/45R22.5	24	738	1254	562	3832	177D	6	16790	13140	-	12045	11534	11023	9928	8833	7811	7300	6643	
		29.1	49.4	22.1	150.9	174E	87	37020	28970	-	26560	25430	24300	21890	19470	17220	16090	14650	
600/55R26.5	AG20.00	624	1350	610	4113	168D	4	12880	10080	9688	-	8848	8456	7616	6776	5992	5600	5096	
		24.6	53.1	24	161.9	(165E)	58	28400	22220	21360	-	19510	18640	16790	14940	13210	12350	11240	
650/55R26.5	AG20.00	645	1365	620	4210	167E	4.5	13800	10800	-	9900	-	9060	8160	7260	6420	6000	5460	
		25.4	53.7	24.4	165.7	170D	65	30420	23810	-	20900	-	19970	17990	16010	14150	13230	12040	
650/55R26.5	AG20.00	645	1367	619	4184	177D	6	16790	13140	12629	-	11534	11023	9928	8833	7811	7300	6643	
		25.4	53.8	24.4	164.7		87	37020	28970	27840	-	25430	24300	21890	19470	17220	16090	14650	
650/60R26.5	AG20.00	660	1450	649	4260	181D	5	18975	14850	-	13613	-	12458	11220	9983	8828	8250	7508	
		26	57.1	25.6	167.7		73	41833	32739	-	30011	-	27465	24736	22009	19462	18188	16552	
650/65R26.5	AG20.00	664	1522	687	4648	174D	4	15410	12060	11591	-	10586	10117	9112	8107	7169	6700	6097	
		26.1	59.9	27	183		58	33970	26590	25550	-	23340	22300	20090	17870	15810	14770	13440	
650/65R26.5	AG20.00	664	1522	686.6	4648	182D	6	19550	15300	14705	-	13430	12835	11560	10285	9095	8500	7735	
		26.1	59.9	27	183		87	43100	33731	32419	-	29608	28296	25485	22675	20051	18739	17053	
750/45R26.5	AG24.00	750	1360	607	4164	173D	4	14950	11700	11245	-	10270	9815	8840	7865	6955	6500	5915	
		29.5	53.5	23.9	163.9	170E	58	32960	25790	24790	-	22640	21640	19490	17340	15330	14330	13040	
750/45R26.5	AG24.00	750	1360	610	4155	174D	5	15410	12060	11591	-	10586	10117	9112	8107	7169	6700	6097	
		29.5	53.5	24	163.6		73	33973	26588	25554	-	23338	22304	20088	17873	15805	14771	13442	
650/65R30.5	AG20.00	680	1625	736	4880	176DD	4	16330	12780	12283	-	11218	10721	9656	8591	7597	7100	6461	
		26.8	64	29	192.1		58	36000	28180	27080	-	24730	23640	21290	18940	16750	15650	14240	
650/65R30.5	AG20.00	676	1628	741.4	5015	181D	5	18975	-	14850	-	13613	12458	11220	9983	8828	8250	7508	
		26.6	64.1	29.2	197.4		73	41833	-	32739	-	30011	27465	24736	22009	19462	18188	16552	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)				
								Recommended load, kg (lbs)				
		Log Skidder Application										
		SW	OD									
		mm	mm				mm	mm				
in	in	in	in	in	in	bar psi	Static	10 6	25 16	30 19	40 25	
620/40R22.5	AG20.00	605	1085	494	3352	171A8	7	14150	7690	6520	6400	6150
		23.8	42.7	19.4	132		102	31200	16950	14370	14110	13560

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)					
								Recommended load, kg (lbs)					
		Mixed application											
		SW	OD										
		mm	mm				mm	mm					
in	in	in	in										
620/40R22.5	20.00DC	605	1085	491	3352	169A8	6.5	13630	8120	6900	6500	5800	5510
		23.8	42.7	19.3	132		94	30050	17900	15210	14330	12790	12150

570

R-4

SB

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Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces and stable running on the roads. The strong polyester construction enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial tire construction provides even pressure distribution, high productivity and optimal fuel consumption.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommended Load, kg (lbs)												
		Speed, km/h (mph)																		
		Constant Load								Cyclic Application										
		SW	OD					mm in	mm in			mm in	mm in	Bar psi	Static	10 6	20 12	25 16	30 19	40 25
		mm in	mm in																	
425/55R17	SDC13	425	890	400	2656	140A8	3.8	5750	3125	2725	2650	2600	2500	2275	3750	3350				
		16.7	35	15.7	104.6		55	12677	6889	6008	5842	5732	5512	5016	8267	7385				
425/55R17	13	425	890	347	2663	142A8	4	6095	3313	2889	2809	2756	2650	2412	3975	3551				
		16.7	35	13.7	104.8	142B	58	13437	7304	6369	6193	6076	5842	5318	8763	7829				
400/70-20	W11	413	1093	491	3334	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320				
		16.3	43	19.3	131.3	161A2	58	18520	10200	8380	8050	7320	12080	8620	8050	7320				
19.5LR24	W16L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960				
		19.5	52	23.6	154	146B	36	16491	8951	7319	7165	6526	10759	7672	7165	6526				
19.5LR24	W16L	495	1320	600	3912	156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640				
		19.5	52	23.6	154	158B	44	20283	11023	8995	8818	8025	13228	9436	8818	8025				
460/70R24IND (17.5LR24IND)	DW15L W15L DW14L DW16L	445	1250	566	3541	159A8	4	10063	5469	4769	4638	4550	4375	3981	6563	5863				
		17.5	49.2	22.3	139.4	159B	58	22190	12060	10510	10230	10030	9650	8780	14470	12930				

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommended Load, kg (lbs)									
		Speed, km/h (mph)															
		Recommended Load															
		Bar psi	Static					10 6	20 12	30 19	40 25	50 31	60 37	70 43	80 50	90 56	
		SW	OD				mm	mm	mm	mm	in	in	in	in			
445/70R24	DW15L	445	1234	567	3778	151G	4	8630	6210	5180	4310	3970	3860	3800	3690	3590	3450
	DW14L W14L	17.5	48.6	22.3	148.7		58	19030	13690	11420	9500	8750	8510	8380	8140	7920	7610

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommended Load, kg (lbs)													
		Speed, km/h (mph)																			
		SW	OD	Drive Wheel							Free Rolling										
		mm	mm	mm	mm	Static	10 6	15 9	20 12	25 16	30 19	40 25	Static	10 6	15 9	20 12	25 16	30 19	40 25		
		in	in	in	in	psi															
500/85R24	W15L	500	1458	625.1	4273	171A8	2.8	9990	5950	5655	6000	5060	4760	4250	10150	8610	8180	8680	7320	6890	6150
	W16L	19.7	57.4	24.6	168.2		41	22024	13117	12467	13228	11155	10494	9370	22377	18982	18034	19136	16138	15190	13558
500/85R24	DW16L	495	1312	572.5	3905	164A8	2.8	9110	5430	-	4880	-	4340	3875	3490	8250	-	7000	-	6300	5000
		19.5	51.7	22.5	153.7	155A8	41	20084	11971	-	10759	-	9568	8543	7694	18188	-	15432	-	13889	11023
620/70R30	DW20B	608	1622	703	4836	178A8	2.4	12460	7420	7050	-	6310	5940	5300	12380	10500	9980	-	8930	8400	7500
	DW18L	23.9	63.9	27.7	190.4	166A8	35	27470	16360	15540	-	13910	13100	11680	27290	23150	22000	-	19690	18520	16540

350



The Alliance 350 is a special line of radial narrow tires for all types of cultivation, harvesting and spraying jobs. The tire is characterized by round shoulders for soil and crop protection. A tough casing and rigid belt provides all the advantages of radial construction. This tire is used as front wheel in Row Crop applications.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)												
								Speed, km/h (mph)												
		SW	OD	mm	mm	Non cyclic operation							Infl. press.	Cyclic operation						
						mm	mm	mm	mm	Static	10 6	15 9		25 16	30 19	40 25	50 31	bar psi	10 6	15 9
230/95R28 (9.5R28)	W8	241 9.5	1140 44.9	-	3460 136.2	109A8 106B	1.8 26	2370 5230	1550 3420	1380 3040	1140 2510	1100 2430	1030 2270	940 2070	2.25 33	1750 3860	1600 3530			

388

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SB

STEEL
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TRAILER



SPRAYER



TANKER

Alliance 388 is designed to meet the requirement of severe agricultural applications ranging from spreaders to special trailers (eg. for sugar cane production and implements). The directional tread pattern provides moderate traction as well as efficient self-cleaning. The tire's large soil contact area, strong rounded lugs and low inflation pressure promises low ground pressure thus minimizing soil compaction and damage. Dense lug distribution around the tire enables smooth and efficient movement on roads.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Mixed application									
								mm in	mm in	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37
500/60R22.5	AG16.00	498	1166	515	3535	155D	4	8913	6975	6394	-	5851	5270	4689	4146	3875	3526
		19.6	45.9	20.3	139.2		58	19650	15380	14100	-	12900	11620	10340	9140	8540	7770
560/60R22.5 IMP	AG16.00	538	1230	550	3742	156D	3.4	9200	7200	6320	-	6040	5440	4840	4280	4000	3640
		21.2	48.4	21.7	147.3		49	20280	15870	13930	-	13320	11990	10670	9440	8820	8030
600/50R22.5	AG20.00	580	1168	518	3540	156D	3.6	9200	7200	6600	6320	6040	5440	4840	4280	4000	3640
		22.8	46	20.4	139.4		52	20280	15870	14550	13930	13320	11990	10670	9440	8820	8030
600/55R26.5	AG20.00	604	1341	600	4099	165D	4	11845	9270	-	8137	7777	7004	6232	5511	5150	4687
		23.8	52.8	23.6	161.4		58	26110	20440	-	17940	17150	15440	13740	12150	11350	10330
650/65R26.5 IMP	AG20.00 20.00DC	651	1500	669	4573	165D	2.8	11850	9270	8140	-	7780	7000	6230	5510	5150	4690
		25.6	59.1	26.3	180		41	26130	20440	17950	-	17150	15430	13740	12150	11350	10340
750/55R26.5	AG24.00	764	1496	662	4462	164D	2.4	11500	9000	-	7900	7550	6800	6050	5350	5000	4550
		30.1	58.9	26.1	175.7		35	25350	19840	-	17420	16650	14990	13340	11800	11020	10030
600/65R34 IMP	20	610	1650	749	5017	164D	2.8	11500	9000	7900	-	7550	6800	6050	5350	5000	4550
		24	65	29.5	197.5		41	25350	19840	17420	-	16650	14990	13340	11800	11020	10030
710/55R34 IMP	DW23B DW24 DW23	712	1656	744	5014	169D	3	13340	10440	9160	-	8760	7890	7020	6210	5800	5280
	DW20B DW24B	28	65.2	29.3	197.4		44	29410	23020	20190	-	19310	17390	15480	13690	12790	11640
800/50R34	DW25B	766	1674	754	5076	168D	2.4	12880	10080	-	8848	8456	7616	6776	5992	5600	5096
		30.2	65.9	29.7	199.8		35	28400	22220	-	19510	18640	16790	14940	13210	12350	11240

388 XT

SB

STEEL
BELTED

TRAILER



TANKER

The Alliance 388 XT is a modern, aesthetically pleasing tire that is made to withstand heavy loads in demanding agricultural applications ranging from Tankers to special trailers (eg. for sugar cane production and implements). The directional tread pattern provides moderate traction as well as efficient self-cleaning. The tires large soil contact area, strong rounded lugs and low inflation pressure promises low ground pressure thus minimizing soil compaction and damage. Dense lug distribution around the tire enables smooth and efficient movement on roads.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		Mixed application													
		SW	OD												
		mm	mm	mm	mm		bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40
in	in	in	in												
650/65R26.5 IMP	AG20.00X26.5	643	1519	679	4652	174D	4	15410	12060	11055	10117	9112	8107	7169	6700
		25.3	59.8	26.7	183.1		58	33970	26590	24370	22300	20090	17870	15810	14770
710/55R34 IMP	DW23B DW24B DW20B	710	1652	756	5124	177D	4	16790	13140	12045	11023	9928	8833	7811	7300
		28	65	29.8	201.7		58	37020	28970	26560	24300	21890	19470	17220	16090
800/50R34	DW25B	782	1664	764	5188	181D	4	18975	14850	13613	12458	11220	9983	8828	8250
		30.8	65.5	30.1	204.3		58	41830	32740	30010	27470	24740	22010	19460	18190

FERTILIZER
TRUCK

TRAILER



SPRAYER



TANKER

MANURE
SPREADER

Alliance 885 is specially engineered to carry high loads at high speeds for a wide variety of agri-transport applications. Its directional tread pattern provides superior traction and excellent self-cleaning. It has a steel belted construction that ensures lower downtime leading to lower maintenance cost and strong casing that provides higher wear resistance. The large footprint along with rounded shoulders provides crop protection and minimizes soil compaction making it an ideal agri-transport offering.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)										
								Recommended load, kg (lbs)										
		SW	OD					Mixed application										
								mm	mm	mm	mm	Static	10 6	20 12	25 16	30 19	40 25	50 31
				in	in		in											
560/45R22.5	AG16.00	543	1076	491	3260	152D	4	8170	6390	5860	-	5360	4830	4300	-	3550	3230	
		21.4	42.4	19.3	128.3		58	18010	14090	12920	-	11820	10650	9480	-	7830	7120	
560/60R22.5	AG 16.00 16.00	555	1230	546	3702	164D	5	11500	9000	8250	-	7550	6800	6050	-	5000	-	
		21.9	48.4	21.5	145.7		73	25350	19840	18190	-	16650	14990	13340	-	11020	-	
580/65R22.5	AG16.00	574	1315	572	3963	166D	4	12190	9540	8750	-	8000	7210	6410	-	5300	4820	
		22.6	51.8	22.5	156		58	26870	21030	19290	-	17640	15900	14130	-	11680	10630	
600/50R22.5	AG20.00	600	1172	517	3537	159D	4	10060	7880	7220	-	6610	5950	5290	-	4375	3980	
		23.6	46.1	20.4	139.3		58	22180	17370	15920	-	14570	13120	11660	-	9650	8770	
650/50R22.5	AG20.00	650	1235	554	3630	163D	4	11210	8780	8040	-	7360	6630	5900	-	4875	4440	
		25.6	48.6	21.8	142.9		58	24710	19360	17730	-	16230	14620	13010	-	10750	9790	
650/55R26.5	AG20.00	648	1380	605	4208	170D	4	13800	10800	9900	-	9060	8160	7260	-	6000	5460	
		25.5	54.3	23.8	165.7		58	30420	23810	21830	-	19970	17990	16010	-	13230	12040	
710/40R22.5	AG24.00	726	1140	512	3471	165D	5	11845	9270	-	8137	7777	7004	6232	5511	5150	4687	
		28.6	44.9	20.2	136.7		73	26110	20440	-	17940	17150	15440	13740	12150	11350	10330	
710/45R22.5	AG24.00	725	1210	546	3675	165D	4	11850	9270	8500	-	7780	7000	6230	-	5150	4690	
		28.5	47.6	21.5	144.7		58	26130	20440	18740	-	17150	15430	13740	-	11350	10340	
600/55R26.5	AG20.00	619	1341	609	4058	165D	4	11850	9270	8500	-	7780	7000	6230	-	5150	4690	
		24.4	52.8	24	159.8		58	26130	20440	18740	-	17150	15430	13740	-	11350	10340	
650/65R26.5	AG20.00	645	1519	669	4587	174D	4	15410	12060	-	586	10117	9112	8107	7169	6700	6097	
		25.4	59.8	26.3	180.6		58	33970	26590	-	23340	22300	20090	17870	15810	14770	13440	
710/50R26.5	AG24.00	733	1390	624	4226	170D	4	13800	10800	9900	-	9060	8160	7260	-	6000	5460	
		28.9	54.7	24.6	166.4		58	30420	23810	21830	-	19970	17990	16010	-	13230	12040	
750/45R26.5	AG24.00 AG28.00 22.00	740	1360	618	4138	170D	4	13800	10800	9900	-	9060	8160	7260	-	6000	5460	
		29.1	53.5	24.3	162.9		58	30420	23810	21830	-	19970	17990	16010	-	13230	12040	
800/45R26.5	AG28.00 AG24.00	800	1390	623	4216	174D	4	15410	12060	11055	-	10117	9112	8107	7169	6700	6097	
		31.5	54.7	24.5	166		58	33970	26590	24370	-	22300	20090	17870	15810	14770	13440	
710/50R30.5	AG24.00 AG20.00	733	1490	677	4560	173D	4	14950	11700	10730	-	9820	8840	7870	-	6500	5920	
		28.9	58.7	26.7	179.5		58	32960	25790	23660	-	21650	19490	17350	-	14330	13050	
750/60R30.5	AG24.00	761	1680	743	5094	181D	4	18975	14850	13613	-	12458	11220	9983	8828	8250	7508	
		30	66.1	29.3	200.6		58	41830	32740	30010	-	27470	24740	22010	19460	18190	16550	
800/45R30.5	AG24.00 AG28.00	790	1490	665	4533	176D	4	16330	12780	11720	-	10720	9660	8590	-	7100	6460	
		31.1	58.7	26.2	178.5		58	36000	28180	25840	-	23630	21300	18940	-	15650	14240	

AGRIFLEX+ 381

I-2

SB

STEEL BELTED



TANKER



AGRICULTURAL
IMPLEMENTS



BALER



TRAILER

The Agriflex+ 381 is a tire with a flat tread profile and large footprint. It puts more rubber on the ground. This unique rib-type pattern leads to effective steering and improved lateral traction, thereby reducing soil compaction and prolonging tire life. Moreover, the shoulder lugs prevent any excessive tire slips and consequently save the tire surface from further damage.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
								Mixed application							
		SW	OD					Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40
		mm	mm	mm	mm		bar psi								
		in	in	in	in										
VF280/70R15 IMP	W8	280	775	350	2307	136D	4.5	4570	3670	3400	3160	2890	2620	2370	2240
		11	30.5	13.8	90.8		65	10080	8090	7500	6970	6370	5780	5230	4940
VF445/50R22.5	AG14.00	437	1016	454	3105	167D	6.7	11120	8940	8280	7680	7030	6380	5780	5450
		17.2	40	17.9	122.2		97	24520	19710	18250	16930	15500	14070	12740	12020

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
								Not high and sustained torque; Road transport											
		SW	OD					Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	60 37	65 40	70 43	
		mm	mm	mm	mm		bar psi												
		in	in	in	in														
VF380/55R16.5	12 SDC12	380	834	372	2527	148D	5	6615	5513	5292	5040	4851	4631	4190	3749	3339	3150	2930	
		15	32.8	14.6	99.5		73	14580	12150	11670	11110	10700	10210	9240	8270	7360	6950	6460	

AGRIFLEX 381

I-2

SB

STEEL BELTED



TRAILER



TANKER



WAGON



BALER



PLANTER

Alliance 381 Agriflex is an IF steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces, which require optimized soil and plant protection. The unique rib type pattern, enables a large footprint and low ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. Its specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
								Mixed application							
		SW	OD					Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40
		mm	mm	mm	mm		bar psi								
		in	in	in	in										
IF280/70R15IMP	W8	280	775	350	2305	137D 125D	4.8	5290	4140	3795	3473	3128	2783	2461	2300
		11	30.5	13.8	90.7		70	11660	9130	8370	7660	6900	6140	5430	5070

Alliance 381 is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces like grasslands, which require optimized soil and plant protection. The unique rib type pattern, together with rounded shoulders and more aggressive lugs, enables maximum possible tires footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable strong grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)											
		Speed, km/h (mph)																	
		SW	OD	Drive Wheel						Free Rolling									
		mm in	mm in	mm in	mm in		bar psi	10 6	20 12	25 16	30 19	40 25	50 31	10 6	20 12	25 16	30 19	40 25	50 31
340/60R16.5IMP	9.75	320 12.6	820 32.3	375 14.8	2550 100.4	145A8 133A8	5 73	2884 6360	- -	2451 5400	2307 5090	2060 4540	1854 4090	4060 8950	- -	3451 7610	3248 7160	2900 6390	2610 5750
		380/55R16.5IMP	12	380 15	834 32.8	371 14.6	2506 98.7	148A8 136A8	5 73	3150 6950	- -	2835 6250	2520 5560	2240 4940	2025 4460	4410 9720	- -	3969 8750	3528 7780
500/45R20	DW16			502 19.8	958 37.7	419 16.5	2877 113.3	157A8(153B) 145A8(141B)	4 58	4060 8950	3654 8060	- -	3248 7160	2900 6390	2610 5750	5780 12740	5198 11460	- -	4620 10190

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)											
								Speed, km/h (mph)											
		mm	mm	mm	mm		bar	Mixed Application											
								Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	60 37	65 40	70 43	
																			psi
IF280/70R15 IMP	W8	280	775	350	2305	137D	4.8	5290	4140	-	3795	-	3473	3128	2783	2461	2300	-	
		11	30.5	13.8	90.7	125D	70	11662	9127	-	8367	-	7657	6896	6135	5426	5071	-	
500/50R17	16	494	945	418	2868	146D	4	6900	5400	5190	4950	4740	4530	4080	3630	3210	3000	2730	
		19.4	37.2	16.5	112.9		58	15210	11910	11440	10910	10450	9990	9000	8000	7080	6610	6020	
560/45R22.5 IMP	AG16.00	540	1080	485	3293	146D	3.2	6900	5400	5190	4950	4740	4530	4080	3630	3210	3000	2730	
		21.3	42.5	19.1	129.6		46	15210	11910	11440	10910	10450	9990	9000	8000	7080	6610	6020	
620/40R22.5	AG20.00	607	1082	492	3314	148D	3.2	7245	5670	-	-	4977	4757	4284	3812	3371	3150	2867	
		23.9	42.6	19.4	130.5		46	15970	12500	-	-	10970	10490	9450	8400	7430	6950	6320	
620/40R22.5 IMP	AG20.00	612	1080	486	3286	154D	4	8625	6750	-	-	5925	5663	5100	4538	4013	3750	3413	
		24.1	42.5	19.1	129.4		58	19020	14880	-	-	13060	12490	11240	10010	8850	8270	7520	
620/50R22.5 IMP	AG20.00	600	1170	525	3527	161D	4	10638	8325	-	-	7308	6984	6290	5596	4949	4625	4209	
		23.6	46.1	20.7	138.9		58	23450	18350	-	-	16110	15400	13870	12340	10910	10200	9280	
710/40R22.5 IMP	AG24.00	702	1161	530	3612	162D	4	10925	8550	8218	-	7505	7173	6460	5748	5083	4750	4323	
		27.6	45.7	20.9	142.2		58	24090	18850	18120	-	16550	15810	14240	12670	11210	10470	9530	
620/55R26.5	AG20.00	615	1348	608	4098	166D	4	12190	9540	-	-	8374	8003	7208	6413	5671	5300	4823	
		24.2	53.1	23.9	161.3		58	26870	21030	-	-	18460	17640	15890	14140	12500	11680	10630	
800/45R26.5	AG28.00	801	1374	617	4196	174D	4	-	12060	-	11055	-	10117	9112	8107	7169	6700	6097	
		31.5	54.1	24.3	165.2		58	-	26590	-	24370	-	22300	20090	17870	15810	14770	13440	

FLOTMASTER 381

I-2

SB

STEEL BELTED



TRAILER

Alliance Flotmaster 381 is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces like grasslands, which require optimized soil and plant protection. The unique rib type pattern, together with rounded shoulders and more aggressive lugs, enables maximum possible tires footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable strong grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)																	
								Recommended load, kg (lbs)																	
		Mixed application																							
		SW	OD					mm	mm	mm	mm	bar	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	60 37	65 40
		in	in				in	in	in	in	psi														
500/50R17	16	494	945	418	2868	146D	4	6900	5400	5190	4950	4740	4530	4320	4080	3870	3630	3420	3210	3000	2730				
		19.4	37.2	16.5	112.9		58	15210	11910	11440	10910	10450	9990	9520	9000	8530	8000	7540	7080	6610	6020				
560/45R22.5	16	540	1080	480	3205	146D	3.2	6900	5400	5190	4950	4740	4530	4320	4080	3870	3630	3420	3210	3000	2730				
		21.3	42.5	18.9	126.2		46	15210	11910	11440	10910	10450	9990	9520	9000	8530	8000	7540	7080	6610	6020				
620/50R22.5	20 23.6	600	1170	522	3568	161D	4	10638	8325	8001	7631	7308	6984	6660	6290	5966	5596	5273	4949	4625	4209				
		46.1	20.6	140.5	-		58	23450	18350	17640	16820	16110	15400	14680	13870	13150	12340	11630	10910	10200	9280				
710/50R22.5	AG 24.00	710	1280	575	3880	172D	5	14490	11340	10899	10395	9954	9513	9072	8568	8127	7623	7182	6741	6300	5733				
		28	50.4	22.6	152.8		73	31950	25000	24030	22920	21950	20970	20000	18890	17920	16810	15830	14860	13890	12640				
620/55R26.5	AG20.00	612	1356	606	4059	166D	4	12190	9540	9169	8745	8374	8003	7632	7208	6837	6413	6042	5671	5300	4823				
		24.1	53.4	23.9	159.8		58	26870	21030	20210	19280	18460	17640	16830	15890	15070	14140	13320	12500	11680	10630				
710/50R26.5	AG20.00	709	1358	608	4178	170D	4	13800	10800	-	9900	9480	9060	-	8160	-	7260	-	6420	6000	5460				
		27.9	53.5	23.9	-		58	30420	23810	-	21830	20900	19970	-	17990	-	16010	-	14150	13230	12040				

390 HD

I-2

SC

SB

SPECIAL COMPOUND

STEEL BELTED



ARTICULATED DUMP TRUCK



TRAILER



SPREADER



RIGID DUMP TRUCK

Alliance 390 Heavy Duty steel belted flotation radial Implement tires belong to the Agri-Transport series combining the best of flotation characteristics with the best of radial construction to provide excellent performance both on and off road. The tires can be used for multiple machines in on/off-the-road applications. MPT tires can go upto 100 km/h and are best suited for tough applications compared to the standard range.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		Mixed Application													
		SW	OD												
		mm	mm	mm	mm		bar	Static	10	25	30	40	50	60	65
in	in	in	in	psi		6	16	19	25	31	37	40			
560/60R22.5	AG16.00	565	1250	571	3859	169D	6	13340	10440	9160	8760	7890	7020	6210	5800
		22.2	49.2	22.4	151.9		87	29410	23020	20190	19310	17390	15480	13690	12790
600/55R26.5	AG20.00	625	1350	622	4143	173D	6	14950	11700	10270	9820	8840	7870	6960	6500
		24.6	53.1	24.5	163.1		87	32960	25790	22640	21650	19490	17350	15340	14330
710/50R26.5	AG24.00	734	1396	635	4266	179D	6	17830	13950	12250	11700	10540	9380	8290	7750
		28.9	55	25	168		87	39310	30750	27010	25790	23240	20680	18280	17090

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)												
								Recommended load, kg (lbs)												
		Mixed Application																		
		SW	OD					mm	mm	mm	mm	bar	psi	Static	10 6	25 16	30 19	40 25	50 31	60 37
		in	in				in	in	in	in										
600/60R30.5	AG 20.00	630	1510	697	4626	178D	6	17250	13500	11850	11330	10200	9080	8030	7500					
		24.8	59.4	27.4	182.1		87	38030	29760	26130	24980	22490	20020	17700	16540					
710/50R30.5	AG24.00	725	1502	690	4611	181D	6	18980	14850	13040	12460	11220	9980	8830	8250					
		28.5	59.1	27.2	181.5		87	41840	32740	28750	27470	24740	22000	19470	18190					

390

I-2



The Alliance 390 steel-belted flotation radial implement tires are part of the Agri-Transport series, combining the best of flotation characteristics with the best of radial construction to provide excellent performance both on and off-road. The tires can be used for multiple machines in on- and off-the-road applications. MPT tires can go up to 100 km/h and are best suited for tough applications compared to the standard range.



Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR	Infl. press.	Recommended Load, kg (lbs)													
		Speed, km/h (mph)																			
		Mixed Application																			
		SW	OW																		
		mm	mm	mm	mm	Symbols	bar psi	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	60 37	65 40	70 43
in	in	in	in																		
560/60R22.5	AG16.00	556	1252	559	3810	170D	5	13800	10800	-	-	9480	9060	-	8160	-	7260	-	6420	6000	5460
		21.9	49.3	22	150		73	30424	23810	-	-	20900	19974	-	17990	-	16006	-	14154	13228	12037
600/55R26.5	AG20.00	625	1350	622	4143	173D	6	14950	11700	11245	10725	10270	9815	9360	8840	8385	7865	7410	6955	6500	5915
		24.6	53.1	24.5	163.1		87	32960	25790	24790	23650	22640	21640	20640	19490	18490	17340	16340	15330	14330	13040
650/55R26.5	AG20.00	665	1395	628	4255	178D	6	17250	13500	12975	12375	11850	11325	10800	10200	9675	9075	8550	8025	7500	6825
		26.2	54.9	24.7	167.5		87	38030	29760	28610	27280	26130	24970	23810	22490	21330	20010	18850	17690	16540	15050
710/50R26.5	24 DW24	730	1390	624	4266	172D	4	14490	11340	-	-	9954	9513	-	8568	-	7623	-	6741	6300	5733
		28.7	54.7	24.6	168		58	31950	25000	-	-	21950	20970	-	18890	-	16810	-	14860	13890	12640
710/50R26.5	AG24.00	734	1396	625	4249	180D	5	18400	14400	13840		12640	12080	-	10880	-	9680	-	-	8000	7280
		28.9	55	24.6	167.3		73	40565	31747	30512		27866	26632	-	23986	-	21341	-	-	17637	16050
800/45R26.5	28	810	1395	0	4287	177D	5	16790	13140	-	-	11534	11023	-	9928	-	8833	-	7811	7300	6643
		31.9	54.9	0	168.8		73	37020	28970	-	-	25430	24300	-	21890	-	19470	-	17220	16090	14650
600/60R30.5	AG 20.00 20	635	1505	694	4634	173D	5	14950	11700	-	10725	-	9815	-	8840	-	7865	-	6955	6500	5915
		25	59.3	27.3	182.4		73	32959	25794	-	23645	-	21638	-	19489	-	17339	-	15333	14330	13040
600/60R30.5	AG 20.00 20	600	1506	693	4587	173D	6	17250	13500	12975	12375	11850	11325	10800	10200	9675	9075	8550	8025	7500	6825
		23.6	59.3	27.3	180.6		87	38030	29760	28610	27280	26130	24970	23810	22490	21330	20010	18850	17690	16540	15050
600/60R30.5	AG20.00	630	1510	697	4626	178D	6	17250	13500	12975	12375	11850	11325	10800	10200	9675	9075	8550	8025	7500	6825
		24.8	59.4	27.4	182.1		87	38030	29760	28610	27280	26130	24970	23810	22490	21330	20010	18850	17690	16540	15050
710/50R30.5	AG20.00 AG24.00	727	1495	680	4600	176D	4	16330	12780	12283	11715	11218	10721	10224	9656	9159	8591	8094	7597	7100	6461
		28.6	58.9	26.8	181.1		58	36000	28180	27080	25830	24730	23640	22540	21290	20190	18940	17840	16750	15650	14240
750/60R30.5	AG24	770	1700	769	5219	190D	6	24380	19080	-	17490	-	16006	-	14416	-	12826	-	11342	10600	9646
		30.3	66.9	30.3	205.5		87	53750	42060	-	38560	-	35290	-	31780	-	28280	-	25010	23370	21270
750/60R30.5	24.00DC AG24.00	780	1675	752	5165	181D	4	18975	14850	-	13613	-	12458	-	11220	-	9983	-	8828	8250	7508
		30.7	65.9	29.6	203.3		58	41830	32740	-	30010	-	27470	-	24740	-	22010	-	19460	18190	16550
850/50R30.5	AG28.00 28.00DC	882	1653	738	5117	182D	4	19550	15300	14705	14025	13430	12835	12240	11560	10965	10285	9690	9095	8500	7735
		34.7	65.1	29.1	201.5		58	43100	33730	32420	30920	29610	28300	26990	25490	24170	22680	21360	20050	18740	17050
800/60R32	DW25B DW27A DW28B DW24B	800	1800	809	5456	184D (181E)	4	20700	16200	15570	14850	14220	13590	12960	12240	11610	10890	10260	9630	9000	8190
		31.5	70.9	31.9	214.8		58	45640	35720	34330	32740	31350	29960	28570	26990	25600	24010	22620	21230	19840	18060

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)								
		SW	OW					Speed, km/h (mph)								
								Not high and sustained torque; Road transport								
				mm	mm	mm	mm	bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40
in	in	in	in													
560/60R22.5	AG16.00	556	1252	569	3821	170D	6	13800	10800	9900	9060	8160	7260	6420	6000	
		21.9	49.3	22.4	150.4		87	30420	23810	21830	19970	17990	16010	14150	13230	

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
		Speed, km/h (mph)															
		Not high and sustained torque; Road transport															
		SW	OW	mm	mm			bar	psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31
		in	in	in	in	in	in										
28LR26	DW25	727	1542	666	4642	176A8	2.8	-	-	9940	-	8950	7950	7100	6460	-	-
		28.6	60.7	26.2	182.8	173B	41	-	-	21910	-	19730	17530	15650	14240	-	-
600/55R26.5	AG20.00	625	1350	616	4120	177D	6.9	16790	13140	-	12050	-	11020	9930	8830	7810	7300
		24.6	53.1	24.3	162.2		100	19470	17220	-	16090	-	37020	28970	26570	24300	21890

590

R-4

SB

STEEL
BELTED

CRC

CUT RESISTANT
COMPOUND

WAGON

TANKER

Alliance 590 is a heavy duty radial flotation tire designed specifically to suit the needs of agriculture and construction applications. A robust steel belted construction with non-directional tread design and superior cut and chip resistant compound enables it to handle heavy Loads and operate both in farms as well as on/off road applications.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)										
								Recommended load, kg (lbs)										
		Mixed application																
		Static	10 6					20 12	25 16	30 19	40 25	50 31	60 37	65 40	70 43			
		SW	OD				mm	mm	mm	mm	bar	psi	Static	10 6	20 12	25 16	30 19	40 25
in	in	in	in	in	in													
30.5LR32	DW27B	812	1800	810	5520	181B	3.6	15592.5	11055	-	9157.5	8827.5	8250	8250	-	-	-	-
		32	70.9	31.9	217.3		52	34376	24372	-	20189	19461	18188	18188	-	-	-	-
560/60R22.5	AG16.00	550	1244	563	3753	165D	5	11845	9270	8498	-	7777	7004	6232	5511	5150	-	-
		21.7	49	22.2	147.8		73	26110	20440	18740	-	17150	15440	13740	12150	11350	-	-
560/60R22.5	AG16.00	550	1244	563	3775	169D	6	13340	10440	9570	-	8758	7888	7018	6206	5800	5278	-
		21.7	49	22.2	148.6		87	29410	23020	21100	-	19310	17390	15470	13680	12790	11640	-
620/75R26 (23.1R26)	DW20B	617	1590	684	4742	153D	1.6	8395	6570	6023	-	5512	4964	4417	3906	3650	-	-
		24.3	62.6	26.9	186.7		23	18510	14480	13280	-	12150	10940	9740	8610	8050	-	-
710/65R26 (28LR26)	DW25B	727	1595	711.1	4810	176D	3.6	16330	12780	11715	-	10721	9656	8591	7597	7100	-	-
		28.6	62.8	28	189.4		52	36001	28175	25827	-	23636	21288	18940	16748	15653	-	-
600/55R26.5	20	611	1333	612	4071	D	6	14950	11700	10725	-	9815	8840	7865	6955	6500	5915	-
		24.1	52.5	24.1	160.3		87	32960	25790	23650	-	21640	19490	17340	15330	14330	13040	-
600/55R26.5	20	611	1333	603	4004	D	4	11850	9270	8500	-	7780	7000	6230	-	5150	4690	-
		24.1	52.5	24.1	157.6		58	26130	20440	18740	-	17150	15430	13740	-	11350	10340	-
600/55R26.5	20	611	1333	613	4068	D	7	17250	13500	12380	-	11330	10200	9080	-	7500	6830	-
		24.1	52.5	24.1	160.2		102	38030	29760	27290	-	24980	22490	20020	-	16540	15060	-
650/55R26.5	AG20.00	650	1390	624	4199	169D	4	13340	10440	9570	-	8760	7890	7020	-	5800	5280	-
		25.6	54.7	24.6	165.3		58	29410	23020	21100	-	19310	17390	15480	-	12790	11640	-
650/55R26.5	AG20.00	650	1390	635	4253	177D	6	16790	13140	12050	-	11020	9930	8830	-	7300	6640	-
		25.6	54.7	25	167.4		87	37020	28970	26570	-	24300	21890	19470	-	16090	14640	-
650/60R26.5	AG20.000	650	1453	662	4443	180D	6	18400	14400	13200	-	12080	10880	9680	-	8000	7280	-
		25.6	57.2	26.1	174.9		87	40570	31750	29100	-	26630	23990	21340	-	17640	16050	-
710/50R26.5	AG24.00	726	1383	622.4	4164	170D	4	13800	10800	9900	9060	8160	7260	6420	6000	-	-	-
		28.6	54.4	24.5	163.9		58	30424	23810	21826	19974	17990	16006	14154	13228	-	-	-
710/50R26.5	AG24.00	726	1383	627.4	4230	179D	6	17825	13950	12788	11703	10540	9378	8293	7750	-	-	-
		28.6	54.4	24.7	166.5		87	39297	30754	28193	25801	23237	20675	18283	17086	-	-	-
600/60R30.5	AG20.00	611	1495	684	4542	173D	5	14950	11700	10730	-	9820	8840	7870	-	6500	5920	-
		24.1	58.9	26.9	178.8		73	32960	25790	23660	-	21650	19490	17350	-	14330	13050	-
650/65R30.5	24	660	1621	741	4923	184D	6	20700	16200	14850	-	13590	12240	10890	9630	9000	8190	-
		26	63.8	29.2	193.8		87	45640	35720	32740	-	29960	26990	24010	21230	19840	18060	-
710/50R30.5	24	727	1490	683	4542	D	6	18975	14850	13613	-	12458	11220	9983	8828	8250	7508	-
		28.6	58.7	26.9	178.8		87	41830	32740	30010	-	27470	24740	22010	19460	18190	16550	-
710/50R30.5	24	727	1490	678	4542	D	5	16790	13140	12050	-	11020	9930	8830	-	7300	6640	-
		28.6	58.7	26.9	178.8		73	37020	28970	26570	-	24300	21890	19470	-	16090	14640	-
750/60R30.5	AG24.00	754	1675	751	5053	181D	4	18980	14850	13610	-	12460	11220	9980	-	8250	7510	-
		29.7	65.9	29.6	198.9		58	41840	32740	30010	-	27470	24740	22000	-	18190	16560	-
750/60R30.5	AG24.00	754	1675	756	5070	190D	6	24380	19080	17490	-	16010	14420	12830	-	10600	9650	-
		29.7	65.9	29.8	199.6		87	53750	42060	38560	-	35300	31790	28290	-	23370	21280	-

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)						
								Speed, km/h (mph)						
		SW	OW					Not high and sustained torque; Road transport						
		mm in	mm in					mm in	mm in	bar psi	Static	10 6	20 12	25 16
600/50R22.5	AG20	621	1172	531	3608	174A8	6.5	15410	8380	7300	7100	6970	6700	6150
		24.4	46.1	20.9	142		94	33973	18475	16094	15653	15366	14771	13558

392**SB**STEEL
BELTED**HRC**HEAT
RESISTANT
COMPOUND

BALER



TRAILER



TANKER



WAGON



CULTIVATORS

Alliance 392 is an all steel tire with an F speed rating for high speed agri-transport operations. High load carrying capacity, protection against cuts & punctures, low soil compaction and low rolling resistance are some of its key features. It is suitable for heavy duty applications. Its unique tread design ensures high traction in all terrains. It is suitable for sandy and soft soil operations.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)									
								Recommended load, kg (lbs)									
		Mixed application															
		SW	OD														
		mm	mm				mm	mm	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 43
in	in	in	in	in	bar psi												
24R20.5	18	600	1372	620	4210	176F	6	17750	12780	9585	8875	8165	7952	7810	7625	7455	7100
		23.6	54	24.4	165.7		87	39130	28180	21130	19570	18000	17530	17220	16810	16440	15650

382**I-2****SC**SPECIAL
COMPOUNDRIGID DUMP
TRUCKARTICULATED
DUMP TRUCK

Alliance 382 MPT from the radial flotation tire series is designed to optimize the efficiency of agricultural transportation. The Alliance 382 is an all-steel construction tire with specific casing and special rubber compounds. Deep non directional block type pattern enables comfortable high-speed driving on road as well as high mobility in the fields with low resistance for on road applications.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)										
								Speed, km/h (mph)										
		SW mm in	OD mm in															
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 40	70 43	80 50
400/55R22.5	AG13.00	404	1020	474	3095	148F	6	7875	5670	4725	4253	3938	3623	3528	3465	3386	3308	3150
		15.9	40.2	18.7	121.9		87	17360	12500	10420	9380	8680	7990	7780	7640	7470	7290	6950

580**R-4****SB**STEEL
BELTED**CRC**CUT RESISTANT
COMPOUND

TELEHANDLER



MFWD

Alliance 580 is built with a unique tread pattern that enables strong grip and high traction on soft surfaces, as well as work on hard surfaces. Its robust carcass construction contributes to the high stability of the machine, especially while working on sloppy terrains, and ensures complete puncture protection. Because of its central lug design, the tire is well suited for both on and off-road applications making it a good tire for multi-purpose transportation.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)									
								Recommended load, kg (lbs)									
		SW	OD					Mixed application									
							mm	mm	mm	mm	bar psi	Static	10 6	20 12	30 19	40 25	50 31
				in	in	in											
560/60R22.5	AG16.00	550	1244	563	3775	169D	6	13340	10440	9570	8758	7888	7018	6206	5800	5278	
		21.7	49	22.2	148.6		87	29410	23020	21100	19310	17390	15470	13680	12790	11640	
600/55R26.5	AG20.00	611	1333	612	4071	173D	6	14950	11700	10725	9815	8840	7865	6955	6500	5915	
		24.1	52.5	24.1	160.3		87	32960	25790	23650	21640	19490	17340	15330	14330	13040	
600/55R26.5	AG20.00	611	1333	603	4004	165D	4	11850	9270	8500	7780	7000	6230	-	5150	4690	
		24.1	52.5	23.7	157.6		58	26130	20440	18740	17150	15430	13740	-	11350	10340	
600/55R26.5	AG20.00	611	1333	613	4068	178D	7	17250	13500	12380	11330	10200	9080	-	7500	6830	
		24.1	52.5	24.1	160.2		102	38030	29760	27290	24980	22490	20020	-	16540	15060	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)								
								Recommended load, kg (lbs)								
		Mixed application														
		SW mm in	OD mm in				mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37
650/55R26.5	AG20.00	650	1390	635	4253	177D	6	16790	13140	12050	11020	9930	8830	-	7300	6640
		25.6	54.7	25	167.4		87	37020	28970	26570	24300	21890	19470	-	16090	14640
650/55R26.5	AG20.00	650	1390	624	4199	169D	4	13340	10440	9570	8760	7890	7020	-	5800	5280
		25.6	54.7	24.6	165.3		58	29410	23020	21100	19310	17390	15480	-	12790	11640
650/60R26.5	AG20.000	650	1453	662	4443	180D	6	18400	14400	13200	12080	10880	9680	-	8000	7280
		25.6	57.2	26.1	174.9		87	40570	31750	29100	26630	23990	21340	-	17640	16050
600/60R30.5	AG20.00	611	1495	684	4542	173D	5	14950	11700	10730	9820	8840	7870	-	6500	5920
		24.1	58.9	26.9	178.8		73	32960	25790	23660	21650	19490	17350	-	14330	13050
600/60R30.5	AG20.00	611	1495	678	4555	178D	6	17250	13500	12380	11330	10200	9080	-	7500	6830
		24.1	58.9	26.7	179.3		87	38030	29760	27290	24980	22490	20020	-	16540	15060
650/65R30.5	AG20.00	660	1621	741	4923	184D	6	20700	16200	14850	13590	12240	10890	9630	9000	8190
		26	63.8	29.2	193.8		87	45640	35720	32740	29960	26990	24010	21230	19840	18060
710/50R30.5	AG20.00 AG24.00	727	1490	683	4542	181D	6	18975	14850	13613	12458	11220	9983	8828	8250	7508
		28.6	58.7	26.9	178.8		87	41830	32740	30010	27470	24740	22010	19460	18190	16550
710/50R30.5	AG24.00	727	1490	678	4542	177D	5	16790	13140	12050	11020	9930	8830	-	7300	6640
		28.6	58.7	26.7	178.8		73	37020	28970	26570	24300	21890	19470	-	16090	14640
750/60R30.5	AG24.00	754	1675	751	5053	181D	4	18980	14850	13610	12460	11220	9980	-	8250	7510
		29.7	65.9	29.6	198.9		58	41840	32740	30010	27470	24740	22000	-	18190	16560
750/60R30.5	AG24.00	754	1675	756	5070	190D	6	24380	19080	17490	16010	14420	12830	-	10600	9650
		29.7	65.9	29.8	199.6		87	53750	42060	38560	35300	31790	28290	-	23370	21280

398

I-3



Alliance 398 MPT Flotation Radial is a unique High-Speed tire designed for performance on road as truck tires do and at the same works seamlessly on agricultural fields. The tire minimizes soil compaction and functions as a modern flotation radial tire. It boasts of an all-steel construction and is capable of higher speeds. It provides maximum traction and high flotation for field use. Its advanced tread pattern enables outstanding grip, as well as smooth and comfortable drive on road.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)													
		SW	OD					Recommended load, kg (lbs)													
		mm	mm	mm	mm		bar	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 43	80 50	90 56	100 62	
		in	in	in	in		psi														
495/70R24	W16L W15L	512	1310	603	3849	155J	4.5	9690	6980	6520	5230	4840	4460	4340	4260	4200	4150	4030	3950	3875	
	DW16L W14L	20.2	51.6	23.7	151.5		65	21360	15390	14370	11530	10670	9830	9570	9390	9260	9150	8890	8710	8540	

AGRIFLEX+ 393 XT

SB

STEEL BELTED



Alliance 393 XT is our Steel Belted Radial Flotation Tire for Agricultural Transport. Engineered to meet the demands of heavy-duty agri-transport operations with a robust design, our tires ensure high load-carrying capacity and maximize productivity. A directional block pattern with spaced grooves between the blocks guarantees efficient self-cleaning and maintains optimal traction both in the field and on the road. It also enhances riding comfort, making long hours in the field more bearable. Constructed with steel-belted radial technology, our tires offer longer life and lower downtime, ensuring your equipment runs smoothly for extended periods.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		Mixed application													
		SW	OD				mm	mm	bar	Static	10 6	20 12	30 19	40 25	50 31
		in	in	in	in		psi								
900/65R32 (35.5LR32)	DW30B DH31	917	1983	840.8	5933	192D	3.6	25760	20160	18480	16912	15232	13552	11984	11200
		36.1	78.1	33.1	233.6		52	56791	44445	40741	37285	33581	29877	26420	24692
VF900/65R32 (VF35.5LR32)	DW30B DH31 DW31B	917	1983	841	5978	200D	3.2	28560	22960	21280	19740	18060	16380	14840	14000
		36.1	78.1	33.1	235.4		46	62960	50620	46910	43520	39820	36110	32720	30870

FERTILIZER
TRUCK

SPRAYER



TRAILER



BALER

Alliance 882 Implement tire combines the best characteristics of flotation tires and radial construction to provide superior performances on road and in field applications. One of its salient features is a strong fabric carcass reinforced by rigid steel belts. Its directional block configuration ensures best possible self cleaning ability and assists in keeping on/off the road travel direction. Due to its huge internal volume the tire is characterized by low inflation pressure that promises low soil compaction for very high load capacity. This tire's stiffness is increased in both radial and lateral directions by additional ply added to the basic carcass.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommended Load, kg (lbs)										
								Speed, km/h (mph)										
		Mixed Application																
		SW mm in	OD mm in					mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
500/50R17	AG16.00	503	932	419	2825	149D/146E	5	7475	5850	5135	4908	4420	3933	3478	3250	2958		
		19.8	36.7	16.5	111.2		73	16480	12900	11320	10820	9740	8670	7670	7170	6520		
385/65R22.5	11.75	389	1072	500	3361	164D	9	11500	9000	7900	7550	6800	6050	5350	5000	-		
		15.3	42.2	19.7	132.3		131	25350	19840	17420	16650	14990	13340	11800	11020	-		
500/60R22.5	AG16.00	510	1172	528	3493	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	-		
		20.1	46.1	20.8	137.5		58	19640	15390	13490	12900	11620	10340	9150	8540	-		
560/45R22.5	AG16.00	550	1076	484	3289	152D	4	8170	6390	5610	5360	4830	4300	3800	3550	-		
		21.7	42.4	19.1	129.5		58	18010	14090	12370	11820	10650	9480	8380	7830	-		
560/60R22.5	16	564	1244	554	3745	165D	5	11845	9270	8137	7777	7004	6232	5511	5150	4687		
		22.2	49	21.8	147.4		73	26114	20437	17939	17145	15441	13739	12150	11354	10333		
580/65R22.5	AG16.00	557	1326	588	4032	166D	4	12190	9540	8745	8003	7208	6413	5671	5300	4823		
		21.9	52.2	23.1	158.7		58	26870	21030	19280	17640	15890	14140	12500	11680	10630		
600/50R22.5	AG20.00	611	1172	528	3565	162D (159E)	5	10930	8550	7510	7170	6460	5750	5080	4750	4375		
		24.1	46.1	20.8	140.4		73	24100	18850	16560	15810	14240	12680	11200	10470	9650		
710/35R22.5	AG24.00	712	1069	481	3263	157D	4	9488	7425	6518	6229	5610	4991	4414	4125	3754		
		28	42.1	18.9	128.5		58	20920	16370	14370	13730	12370	11000	9730	9090	8280		
710/40R22.5	AG24.00	727	1140	511	3485	161D	4	10638	8325	7631	6984	6290	5596	4949	4625	-		
		28.6	44.9	20.1	137.2		58	23450	18350	16820	15400	13870	12340	10910	10200	-		
620/75R26 (23.1R26)	20	620	1590	722	4857	176D	4	16330	12780	11218	10721	9656	8591	7597	7100	6461		
		24.4	62.6	28.4	191.2		58	36000	28180	24730	23640	21290	18940	16750	15650	14240		
600/55R26.5	AG20.00	611	1333	604	4043	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	-		
		24.1	52.5	23.8	159.2		58	26130	20440	17950	17150	15430	13740	12150	11350	-		
650/55R26.5	AG20.00	557	1326	588	4227	170D	4	13340	10440	9160	8760	7890	7020	6210	5800	-		
		21.9	52.2	23.1	166.4		58	29410	23020	20190	19310	17390	15480	13690	12790	-		
650/55R26.5	AG20.00	645	1389	620.6	4227	170D	4	13800	10800	9900	9060	8160	7260	6420	6000	5460		
		25.4	54.7	24.4	166.4		58	30424	23810	21826	19974	17990	16006	14154	13228	12037		
710/50R26.5	AG24.00	727	1383	622	4219	172D	4	14490	11340	9950	9510	8570	7620	6740	6300	-		
		28.6	54.4	24.5	166.1		58	31950	25000	21940	20970	18890	16800	14860	13890	-		
600/60R30.5	AG20.00	611	1495	680	4518	169D	4	13340	10440	9164	8758	7888	7018	6206	5800	5278		
		24.1	58.9	26.8	177.9		58	29410	23020	20200	19310	17390	15470	13680	12790	11640		
710/50R30.5	AG24.00 AG20.00	727	1485	670	4485	173D	4	14950	11700	10270	9815	8840	7865	6955	6500	591		
		28.6	58.5	26.4	176.6		58	32960	25790	22640	21640	19490	17340	15330	14330	13040		
750/60R30.5	AG24.00	754	1675	748	5121	181D	4	18980	14850	13040	12460	11220	9980	8830	8250	-		
		29.7	65.9	29.4	201.6		58	41840	32740	28750	27470	24740	22000	19470	18190	-		

BIAS FLOTATION

328

I-3



FLOTATION



CULTIVATORS



PLOUGH



BALER

Alliance 328 Flotation tire is a specially designed tire constructed to carry heavy loads and is used in harsh conditions. It provides improved stability over dual-tire configuration. The tire also provides much better ride comfort, higher machine mobility, better self cleaning and better overall performances on road. 328 comes in Steel Belted, Fabric and Heavy Duty variants for different sizes. Test description.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)													
		Speed, km/h (mph)																			
		Drive Wheel							Free Rolling												
		SW	OD				mm in	mm in	mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25	45 28	50 31	Static	10 6	25 16
400/60-15.5	AG1313	404	874	380	2589	8	2	-	1800	1530	1440	1285	-	1160	-	2590	2200	2070	1850	-	1670
		15.9	34.4	15	101.9	129A8/125B 117A8/113B	29	-	3970	3370	3180	2830	-	2560	-	5710	4850	4560	4080	-	3680
400/60-15.5	AG13.00	404	874	377	2615	20	5	-	3500	2980	2800	2500	-	2250	-	4970	4220	3980	3550	-	3200
		15.9	34.4	14.8	103	152A8 148B	73	-	7720	6570	6170	5510	-	4960	-	10960	9300	8770	7830	-	7060
500/60-15.5	16 16.00DC	503	965	0	0	12	3	-	5711	3400	2892	2430	-	2187	-	5858	4970	4225	3550	-	3195
		19.8	38			152A8/139A8	44	-	12590	7500	6380	5360	-	4820	-	12920	10960	9320	7830	-	7040
500/55-17	16	503	994	437	2945	12	3.3	-	3300	2808	2643	2360	-	2124	-	4830	4106	3864	3450		3105
		19.8	39.1	17.2	115.9	151A8/148B 138A8/135B	48	-	7275	6191	5827	5203	-	4683	-	10648	9052	8519	7606		6845
400/55-17.5	AG11.75 11.75 AG13 12.25 13.00	393	902	398	2654	16	4	-	3140	2670	2510	2240	-	2020	-	4550	3870	3640	3250	-	2930
		15.5	35.5	15.7	104.5	149A8/145B	58	-	6920	5890	5530	4940	-	4450	-	10030	8530	8030	7170	-	6460
42X25.00-20 NHS HD	20.5HF	622	1080	499	3160	12	3.1	-	2340	1800		1650	-	1550	-	3290	2530	-	2300	-	2180
		24.5	42.5	19.6	124.4	125A8	45	-	5160	3970		3640	-	3420	-	7250	5580	-	5070	-	4810
400/55-22.5	AG11.75 AG13.00 13.00 11.75 12.25	401	1030	470	3102	16	4	-	3500	2980	2800	2500	-	2250	-	4970	4220	3980	3550	-	3200
		15.8	40.6	18.5	122.1	152A8/149B 140A8/136B	58	-	7720	6570	6170	5510	-	4960	-	10960	9300	8770	7830	-	7060
400/55-22.5	AG13.00	401	1030	455	3150	18	4.5	-	3920	3332	3136	2800	-	2520	-	5600	4760	4480	4000	-	3600
		15.8	40.6	17.9	124	157A8/153B 145A8/141B	65	-	8640	7350	6910	6170	-	5560	-	12350	10490	9880	8820	-	7940
400/60-22.5	13 11.75	424	1067	471	3125	18	4	-	6300	5360	5040	4500	-	4050	-	4410	3750	3530	3150	-	2840
		16.7	42	18.5	123	160A8/156B 148A8/144B	58	-	13890	11820	11110	9920	-	8930	-	9720	8270	7780	6950	-	6260
500/45-22.5	AG16.00 16.00DC	500	1030	472	3096	12	2.7	-	3140	2670	2510	2240	-	2020	-	4410	3750	3530	3150	-	2840
		19.7	40.6	18.6	121.9	148A8/144B 136A8/132B	39	-	6920	5890	5530	4940	-	4450	-	9720	8270	7780	6950	-	6260
500/60-22.5	AG16 16.00 15.00 17.00	500	1170	520	3552	12	2.4	-	4060	3450	3250	2900	-	2610	-	5780	4910	4620	4125	-	3710
		19.7	46.1	20.5	139.8	157A8 154B	35	-	8950	7610	7170	6390	-	5750	-	12740	10830	10190	9090	-	8180
500/45-22.5	16.00DC	500	1030	455	3153	18	2.5		3500	2970	-	2500	-	2260	-	4200	3580	-	3000	-	2700
		19.7	40.6	17.9	124.1	140A8/136B 127A8/124B	36		7720	6550	-	5510	-	4980	-	9260	7890	-	6610	-	5950
500/45-22.5 (C)	16	500	1030	475	3139	16	3.6		3710	3150	2970	2650	-	2390	-	5250	4460	4200	3750	-	3380
		19.7	40.6	18.7	123.6	154A8/150B 142A8/138B	52		8180	6950	6550	5840	-	5270	-	11570	9830	9260	8270	-	7450
500/60-22.5 (C)	AG16.00 16.00DC	500	1170	520	3509	16	3.2	-	4830	4110	3860	3450	-	3110	-	6830	5800	5460	4875	-	4390
		19.7	46.1	20.5	138.1	163A8/159B	46	-	10650	9060	8510	7610	-	6860	-	15060	12790	12040	10750	-	9680
500/60-22.5	AG16.00 16.00DC	500	1170	504	3455	18	3.5	-	5110	4340	4090	3650	-	3290	-	7250	6160	5800	5180	-	4660
		19.7	46.1	19.8	136	165A8/161B	51	-	11270	9570	9020	8050	-	7250	-	15980	13580	12790	11420	-	10270
550/45-22.5	AG16.00	550	1070	470	3105	12	2.1	-	3605	3064	2884	2575	-	2318	-	5110	4344	4088	3650	-	3285
		21.7	42.1	18.5	122.2	153A8/141B 153A8/149B	30	-	7950	6760	6360	5680	-	5110	-	11270	9580	9010	8050	-	7240
550/45-22.5 C	16.00DC 16	550	1070	476	3175	16	2.8	-	4310	3660	3440	3075	-	2770	-	6130	5210	4900	4375	-	3940
		21.7	42.1	18.7	125	159A8/156B 147A8/144B	41	-	9500	8070	7580	6780	-	6110	-	13510	11490	10800	9650	-	8690
550/45-22.5	16	550	1070	476	3151	18	3.2	-	4690	3990	3750	3350	-	3020	-	6650	5650	5320	4750	-	4280
		21.7	42.1	18.7	124.1	162A8/158B	46	-	10340	8800	8270	7390	-	6660	-	14660	12460	11730	10470	-	9440
550/45-22.5 C	16.00DC AG16.00	550	1070	478	3229	20	3.6	-	5110	4340	4090	3650	-	3290	-	7210	6130	5770	5150	-	4640
		21.7	42.1	18.8	127.1	165A8/161B 153A8/149B	52	-	11270	9570	9020	8050	-	7250	-	15900	13510	12720	11350	-	10230
550/60-22.5	AG16.00	565	1250	505	3668	12	3	-	4410	3750	3530	3150	-	2840	-	6300	5360	5040	4500	-	4050
		22.2	49.2	19.9	144.4	160A8/156B 148A8/144B	44	-	9720	8270	7780	6950	-	6260	-	13890	11820	11110	9920	-	8930

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)													
		Speed, km/h (mph)																			
		Drive Wheel							Free Rolling												
		mm in	mm in					mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25	45 28	50 31	Static	10 6	25 16	30 19
600/50-22.5	AG20.00 20DC	600	1170	508	3443	8	1.2	-	2800	2380	2240	2000	-	1800	-	3920	3330	3140	2800	-	2520
		23.6	46.1	20	135.6	144A8/140B 132A8/128B	17	-	6170	5250	4940	4410	-	3970	-	8640	7340	6920	6170	-	5560
600/50-22.5	AG 20.00 20DC	600	1170	506	3408	12	2	-	4310	3660	3440	3075	-	2770	-	6130	5210	4900	4375	-	3940
		23.6	46.1	19.9	134.2	159A8/156B 147A8/144B	29	-	9500	8070	7580	6780	-	6110	-	13510	11490	10800	9650	-	8690
600/50-22.5	AG20.00	600	1170	503	3546	16	2.6	-	5110	4344	4088	3650	-	3285	-	7210	6129	5768	5150	-	4635
		23.6	46.1	19.8	139.6	165A8/161B 153A8/149B	38	-	11270	9580	9010	8050	-	7240	-	15900	13510	12720	11350	-	10220
600/55-22.5	AG20.00 20.00DC	600	1270	532	3758	12	2	-	4830	4110	3860	3450	-	3110	-	7000	5950	5600	5000	-	4500
		23.6	50	20.9	148	164A8/160B 151A8/148B	29	-	10650	9060	8510	7610	-	6860	-	15430	13120	12350	11020	-	9920
700/40-22.5	22.00 AG24.00	700	1170	524	3512	16	2.6	-	4310	3660	3440	3075	-	2770	-	6130	5210	4900	4375	-	3940
		27.6	46.1	20.6	138.3	159D/158E 147D/146E	38	-	9500	8070	7580	6780	-	6110	-	13510	11490	10800	9650	-	8690
700/40-22.5	AG24.00	700	1170	820	3511	18	3.2	6600	5600	4760	4480	4000	-	3600	13160	7840	6660	6270	5600	-	5040
		27.6	46.1	32.3	138.2	168A8/165B 156A8/153B	46	14550	12350	10490	9880	8820	-	7940	29010	17280	14680	13820	12350	-	11110
700/50-22.5	AG24.00 24.00	700	1270	548	3785	16	2.8	-	6650	5650	5320	4750	-	4280	-	9380	7970	7500	6700	-	6030
		27.6	50	21.6	149	174A8/170B 162A8/158B	41	-	14660	12460	11730	10470	-	9440	-	20680	17570	16540	14770	-	13290
600/55-26.5	AG20.00 20.00DC	591	1338	579	3938	16	2.6	-	6130	5210	4900	4375	-	3940	-	8400	7140	6720	6000	-	5400
		23.3	52.7	22.8	155	170A8/167B 159A8/156B	38	-	13510	11490	10800	9650	-	8690	-	18520	15740	14820	13230	-	11910
700/50-26.5	24.00DC 22	700	1333	601	3982	174A8/170B 162A8/158B	2.4	-	11163	6650	5653	4750	-	4275	-	11055	9380	7973	6700	-	6030
		27.6	52.5	23.7	156.8		35	-	24610	14660	12460	10470	-	9430	-	24370	20680	17580	14770	-	13290
650/60-30.5	20.00DC	650	1670	744	5060	12	1.7	-	6650	5650	5320	4750	-	4280	-	9380	7970	7500	6700	-	6030
		25.6	65.7	29.3	199.2	174A8/170B 162A8/158B	25	-	14660	12460	11730	10470	-	9440	-	20680	17570	16540	14770	-	13290
750/60-30.5	AG24.00	750	1670	715	5013	16	2.2	-	8400	7140	6720	6000	-	5400	-	11900	10120	9520	8500	-	7650
		29.5	65.7	28.1	197.4	182A8/179B	32	-	18520	15740	14820	13230	-	11910	-	26240	22310	20990	18740	-	16870
800/45-30.5	AG24.00 AG28.00	800	1500	662	4451	16	2.4	-	7420	6310	5940	5300	-	4770	-	10500	8930	8400	7500	-	6750
		31.5	59.1	26.1	175.2	178A8/174B	35	-	16360	13910	13100	11680	-	10520	-	23150	19690	18520	16540	-	14880

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		Free rolling													
		mm	mm	mm	mm		bar	10	20	30	40	50	60	65	70
		in	in	in	in		psi	6	12	19	25	31	37	40	43
600/50-22.5	AG20.00	600	1170	520	3520	158D(157E)	2.6	7210	6490	5770	5140	4630	4380	4250	4120
		23.6	46.1	20.5	138.6	146D(145E)	38	15895	14308	12721	11332	10207	9656	9370	9083

328 VALUE PLUS

I-3



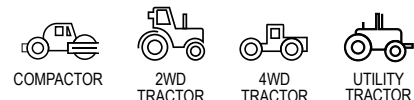
Alliance 328 VALUE PLUS is specially designed for low end applications like balers and other agricultural implements. It displays excellent flotation and self cleaning characteristics. The tire has good traction profile and provides maximum soil protection and low compaction.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)																
								Recommended load, kg (lbs)																
		Drive wheel						Free Rolling																
		mm					mm		mm		mm		Static		10 6		20 12		30 19		40 25		50 31	
		in	in				in	in	in	in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	Static	10 6	20 12	30 19	40 25	50 31	
360/65-16IMP (14.0/65-16IMP)	11.00 SDC11	353	870	384	2578	14	4	4348	2590	2331	2072	1850	1665	4373	3710	3339	2968	2650	2385					
		13.9	34.3	15.1	101.5	142A8/129A8	58	9590	5710	5140	4570	4080	3670	9640	8180	7360	6540	5840	5260					
480/45-17IMP (19.0/45-17IMP)	16.00 SDC16	491	866	380	2562	14	2.8	2773	1650	1487	1322	1180	1062	1931	1640	1474	1310	1170	1053					
		19.3	34.1	15	100.9	146A8/134A8	41	6110	3640	3280	2920	2600	2340	4260	3620	3250	2890	2580	2320					

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)												
								Recommended load, kg (lbs)												
		Drive wheel																		Free Rolling
		SW	OD						10	25	30	40	45	50	10	25	30	40	45	50
		mm	mm	mm	mm		bar	psi	6	16	19	25	28	31	6	16	19	25	28	31
in	in	in	in																	
500/45-22.5	AG16.00	500	1030	469	3158	16	3.6	3710	3154	2968	2650	2518	2385	5250	4463	4200	3750	3563	3375	
		19.7	40.6	18.5	124.3	142A8	52	8180	6950	6540	5840	5550	5260	11570	9840	9260	8270	7860	7440	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)												
								Recommended load, kg (lbs)												
		SW	OD	mm	mm		in	mm	in	Drive wheel						Free Rolling				
						Static				10 6	25 16	30 19	40 25	50 31	Static	10 6	25 16	30 19	40 25	50 31
bar psi	Static	10 6	25 16	30 19	40 25	50 31	Static	10 6	25 16	30 19	40 25	50 31								
400/55-22.5	AG13.00	401	1030	465	3095	16 152A8(149B) 140A8(136B)	4	-	3500	-	2800	2500	2250	-	4970	-	3976	3550	3195	
		15.8	40.6	18.3	121.9		58	-	7720	-	6170	5510	4960	-	10960	-	8770	7830	7040	
500/50-22.5	AG16.00	503	1085	488	3291	20PR 163A8/159B 151A8/147B	4	-	6830	5800	5460	4875	4390	-	4830	4110	3860	3450	3110	
		19.8	42.7	19.2	129.6		58	-	15058	12787	12037	10748	9678	-	70054	9061	8510	7606	6856	
550/45-22.5	AG16.00 16.00DC 18.00DC	550	1070	457	3088	16 159A8(156B) 147A8(144B)	2.8	-	4310	-	-	3075	2768	-	6130	-	-	4375	3938	
		21.7	42.1	18	121.6		41	-	9500	-	-	6780	6100	-	13510	-	-	9650	8680	
500/60-22.5	AG16.00	500	1170	507	3447	12 159A8/155B 147A8/143B	2.8	5070	4310	3660	3440	3075	2770	10280	6130	5210	4900	4375	3940	
		19.7	46.1	20	135.7		41	11180	9500	8070	7580	6780	6110	22660	13510	11490	10800	9650	8690	
550/60-22.5	AG16.00	550	1238	532	3710	16 166A8(162B)	2.8	6190	5250	4460	4200	3750	3380	12460	7420	6310	5940	5300	4770	
		21.7	48.7	20.9	146.1		41	13650	11570	9830	9260	8270	7450	27470	16360	13910	13100	11680	10520	



The Alliance 330 Drive Wheel is a multi-purpose tire designed to provide high load capacity, significant traction and smooth ride comfort. It is suitable for on-the-road, design, and ozone resistant compounds provide long tread life. industrial and road construction equipment. The strong nylon construction, rugged design, and ozone resistant compounds provide long tread life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)	
								Recommended load, kg (lbs)	
		SW	OD	Drive Wheel	Cyclic Loading (FR)				
		mm	mm			40 25	15 9		
		in	in			in	in		
620/75-30 (23.1-30)	DW20B DW20A	605	1680	760	4933	161A8	2.3	4625	7169
		23.8	66.1	29.9	194.2		33	10200	15810
						164A8	2.6	5000	7750
							38	11020	17090
650/75-32(24.5-32)	DH21 DH21H	625	1780	809	5192	170A8	3	6000	9300
	DH21B DH21HB	24.6	70.1	31.9	204.4		44	13230	20500

768 VALUE PLUS

R-1



Alliance 768 Value Plus is specially designed to meet the unique demands of pivot irrigation. Built with strong nylon carcass construction which enhances its ability to carry continuous heavy loads. Designed with low lug angles and rounded shoulders for optimal traction and maximum crop protection. The presence of special ozone compound protects it from cracking ensuring excellent durability.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)										
								Recommended load, kg (lbs)										
								Tractor Applications										
		SW	OD					Static	5	10	15	20	25	30	35	40	45	50
		mm	mm	mm	mm		bar psi		3	6	9	12	16	19	22	25	28	31
		in	in	in	in													
14.9-24	W13 W12	375	1260	563	3668	6	1.4	3360	2310	2040	1820	1670	1510	1460	1400	1360	1310	1240
		14.8	49.6	22.2	144.4	119A8	20	7410	5090	4500	4010	3680	3330	3220	3090	3000	2890	2730

TRAILER 447

IMP



Trailer 447 is specially designed for trailer applications. Its non-directional tread design provides high mobility in the field. The presence of abrasion resistant compound ensures excellent durability. High traction with low rolling resistance assures improved productivity, making it a perfect choice for customers trailer 447 is specially designed for trailer applications. Its non-directional Tread design provides high mobility in the field. The presence of abrasion resistant compound ensures excellent durability. High traction with low rolling resistance assures improved productivity, making it a perfect choice for customers.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
								AGRI Transport							
		SW	OD					Static	10	15	20	25	30	35	40
		mm	mm	mm	mm		bar psi		6	9	12	16	19	22	25
		in	in	in	in										
9.00-20	L7	277	1049	488	3115	18	9.3	4450	4170	3930	3690	3450	3280	3110	5690
		10.9	41.3	19.2	122.6	151A6	135	9810	9190	8660	8140	7610	7230	6860	12540

128

HF-2



The Alliance 128 HS (High Speed Flotation I-128) is designed with good self-cleaning characteristics which is suitable for on and off-the-road agricultural service on trailers and implements.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
								Free rolling							
		mm	mm				bar	10	20	30	40	50	60	65	
		in	in	in	in		psi	6	12	19	25	31	37	40	
800/35-22.5	28.00DC	800	1170	525	3508	162D	2.6	8120	7310	6500	5800	5220	4930	4750	
	26.00DC					169A8									
	24.00DC	31.5	46.1	20.7	138.1		38	17900	16120	14330	12790	11510	10870	10470	

Alliance 222 Agricultural Implement tire is a multi-rib, low-section design. Its extra wide tread and high volume enables carrying of heavy loads with low inflation pressures. It is highly suitable for on and off-the-road service. For best performances on soft and dry sand, the tire can also be mounted on drive wheels.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
								Drive Wheel								Free Rolling					
				mm in	mm in		mm in	mm in	bar psi	Static	10 6	20 12	30 19	35 22	40 25	50 31	Static	10 6	20 12	30 19	35 22
500/60-22.5	AG16.00	550	1238	556	3841	16	2.8	8813	5250	4725	4411	3938	3750	3375	8993	7630	6867	6410	5723	5450	4905
	16.00 15.00	21.7	48.7	21.9	151.2	167A8(163B) 154A8(150B)	41	19430	11570	10420	9730	8680	8270	7440	19830	16820	15140	14130	12620	12020	10810
600/55-22.5	AG20.00	602	1235	533	3540	16	2.6	9400	5600	5040	4704	4200	4000	3600	9570	8120	7308	6821	6090	5800	5220
	20.00DC	23.7	48.6	21	139.4	169A8(166B) 156A8(153B)	38	20720	12350	11110	10370	9260	8820	7940	21100	17900	16110	15040	13430	12790	11510

FLOTATION 331

I-3



Alliance 331 Heavy Duty Flotation tread design is basically a traction profile with good self cleaning characteristics suitable for on/off road agricultural service on tractors, cross country vehicles, trailers and agricultural implements. High load carrying capacity and low inflation pressure are the main characteristics of this tire. Strong nylon construction and compounds ensure long tire life. Some sizes feature special compounds or steel belts for superior performance as required by the application.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)															
		SW	OD					Recommended load, kg (lbs)															
								AGRI Transport															
				mm	mm		mm	mm	bar psi	static	10 6	15 9	20 9	25 16	30 19	40 25	50 31	static	10 6	15 9	20 12	25 16	30 19
in	in	in	in																				
500/60-22.5	AG16.00	503 19.8	1172 46.1	519 20.4	3491 137.4	12 157A8/154B	2.4	-	4060	-	-	3451	3248	2900	2610	-	5780	-	-	4909	4620	4125	3713
							35	-	8950	-	-	7610	7160	6390	5750	-	12740	-	-	10820	10190	9090	8190
				513 20.2	3540 139.4	16 163A8/159B	3.2	8108	4589	-	4347	4106	3864	3450	3105	8044	6484	-	6143	5801	5460	4875	4388
						151A8/148B	46	17880	10120	-	9580	9050	8520	7610	6850	17730	14300	-	13540	12790	12040	10750	9670
500/60-22.5	AG16.00	503 19.8	1172 46.1	512 20.1	3540 139.3	16 151A8	2.8	-	5250	-	-	4463	4200	3750	3375	-	7630	-	-	6486	6104	5450	4905
							41	-	11570	-	-	9840	9260	8270	7440	-	16820	-	-	14300	13460	12020	10810
550/45-22.5	AG16.00	550 21.7	1070 42.1	472 18.6	3125 123	12 153A8	2.4	-	3610	-	-	3064	-	2575	2318	-	5110	-	-	4344	-	3650	3285
							35	-	7960	-	-	6760	-	5680	5110	-	11270	-	-	9580	-	8050	7240
550/45-22.5	AG16.00	550 21.7	1070 42.1	480 18.9	3210 126.4	16 159A8	3.2	-	4310	-	-	3659	-	3075	2768	-	6130	-	-	5206	-	4375	3938
							46	-	9500	-	-	8070	-	6780	6100	-	13510	-	-	11480	-	9650	8680
550/45-22.5	AG16.00	550 21.7	1070 42.1	480 18.9	3217 126.7	22 166A8	4	-	5250	-	-	4463	-	3750	3375	-	7420	-	-	6307	-	5300	4770
							58	-	11570	-	-	9840	-	8270	7440	-	16360	-	-	13910	-	11680	10520
550/60-22.5	AG16.00	550	1238	539	3738	16 167A8/163B	2.8	-	5250	-	-	4463	4200	3750	3375	-	7630	-	-	6486	6104	5450	4905
						154A8/150B	41	-	11570	-	-	9840	9260	8270	7440	-	16820	-	-	14300	13460	12020	10810
600/40-22.5	AG20.00	600 23.6	1090 42.9	587 23.1	3180 125.2	12 154A8/150B	2.4	6230	-	3520	3340	3150	2970	2650	2360	6190	4990	-	4730	4460	4200	3750	3350
				142A8/138B	35	13740	-	7760	7360	6950	6550	5840	5200	13650	11000	-	10430	9830	9260	8270	7390		
600/50-22.5	AG20.00 20.00DC	600 23.6	1170 46.1	518 20.4	3542 139.4	16 165A8(161B)	2.8	8578	5110	4855	4599	4344	4088	3650	3285	8498	7210	6850	6489	6129	5768	5150	4635
						153A8(149B)	41	18910	11270	10700	10140	9580	9010	8050	7240	18740	15900	15100	14310	13510	12720	11350	10220
700/40-22.5	AG24.00	700 27.6	1170 46.1	524 20.6	3440 135.4	16 166A8/162B	2.6	-	8810	4990	4730	4460	4200	3750	3350	8750	-	7050	6680	6310	5940	5300	4750
						154A8/150B	38	-	19420	11000	10430	9830	9260	8270	7390	19290	-	15540	14730	13910	13100	11680	10470

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)																			
		Recommended load, kg (lbs)																									
		AGRI Transport																									
		SW	OD																								
mm	mm	mm	mm	mm	mm	bar psi	static	10 6	15 9	20 9	25 16	30 19	40 25	50 31	static	10 6	15 9	20 12	25 16	30 19	40 25	50 31					
700/50-22.5	AG24.00	700	1270	528.3	3934	16	2.8	-	6650	-	-	5650	5320	4750	4280	-	9380	-	-	7970	7500	6700	6030				
		27.6	50	20.8	154.9	174A8/170B	41	-	14661	-	-	12456	11729	10472	9436	-	20679	-	-	17571	16535	14771	13294				
500/60-26.5	AG16.00	500	1270	565	3753	16	3.2	-	8580	4850	4600	4340	4090	3650	3250	8500	-	6850	6490	6130	5770	5150	4625				
		19.7	50	22.2	147.8	165A8/161B	46	-	18920	10690	10140	9570	9020	8050	7170	18740	-	15100	14310	13510	12720	11350	10200				
600/50-26.5	AG20.00	600	1270	562	3790	16	2.6	9106	5430	-	4883	-	4340	3875	3488	8993	7630	-	6867	-	6104	5450	4905				
		23.6	50	22.1	149.2	167A8/163B 155A8/151B	38	20075	11971	-	10765	-	9568	8543	7690	19826	16821	-	15139	-	13457	12015	10814				
600/55-26.5	AG20.0	591	1333	584	3913	12	2.3	8578	-	4855	4599	4344	4088	3650	3250	8498	-	6850	6489	6129	5768	5150	4625				
		23.3	52.5	23	154.1	170A8/167B/ 159A8(156B)	33	18910	-	10700	10140	9580	9010	8050	7170	18740	-	15100	14310	13510	12720	11350	10200				
600/55-26.5	AG20.00 20.00DC	591	1333	584	4022	16	2.8	10281	6130	-	5513	-	4900	4375	3938	9900	8400	-	7560	-	6720	6000	5400				
		23.3	52.5	23	158.3	170A8/167B	38	22670	13510	-	12150	-	10803	9650	8680	21830	18520	-	16670	-	14815	13230	11910				
700/50-26.5	22	700	1333	580	4056	16	2.4	11163	6650	-	-	5653	-	4750	4275	11055	9380	-	-	7973	-	6700	6030				
		27.6	52.5	22.8	159.7	174A8(170B) 162A8(158B)	35	24610	14660	-	-	12460	-	10470	9430	24370	20680	-	-	17580	-	14770	13290				
600/60-30.5	AG20.00	600	1510	660.4	4609	16	2.6	15750	9380	-	-	7970	-	6700	6000	7630	6480	-	-	5500	-	4625	4125				
		23.6	59.4	26	181.5	174A8/170B 161A8/157B	38	34723	20679	-	-	17571	-	14771	13228	16821	14286	-	-	12125	-	10196	9094				
700/50-30.5	AG24.00	700	1500	650	4204	16	2.2	-	6830	-	-	5800	-	4875	4390	-	9940	-	-	8450	-	7100	6390				
		27.6	59.1	25.6	165.5	176A8/172B 163A8/159B	32	-	15060	-	-	12790	-	10750	9680	-	21910	-	-	18630	-	15650	14090				
800/45-30.5	AG28.00	800	1495	657	4396	16	2.4	12810	-	10310	9770	9220	8680	7750	6900	12790	-	-	-	-	-	-	-				
		31.5	58.9	25.9	173.1	179A8/175B	35	28240	-	22730	21540	20330	19140	17090	15210	28200	-	-	-	-	-	-	-				

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)									
		SW	OD					Recommended load, kg (lbs)									
								Mixed Application									
				mm	mm			mm	mm	bar	psi	Static	10 6	20 12	30 19	40 25	50 31
in	in	in	in	in	in	psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 43		
710/50R30.5	AG24.00	700	1500	677	4598	176D	5	16330	12780	11715	10720	9655	8590	7595	7100	6460	
		27.6	59.1	26.7	181		73	36000	28180	25830	23630	21290	18940	16740	15650	14240	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)					
								Recommended load, kg (lbs)					
		SW	OD					Drive Wheel Application					
		mm	mm	mm	mm		Static	10 6	25 16	30 19	40 25	50 31	
		in	in	in	in								
600/40-22.5	AG20.00	600	1090	505	3356	16	6	13340	8700	6438	6206	5800	5278
		23.6	42.9	19.9	132.1	169A8	87	29410	19180	14190	13680	12790	11640

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)			
		SW	OD					Recommended load, kg (lbs)			
		mm	mm					Agri Transport			
		in	in	mm	mm			bar psi	10 6	25 16	40 25
		in	in	in	in						
48X31.00-20	26.00VF	775	1283	598	3892	12	2.8	3650	3340	3150	4760
		30.5	50.5	23.5	153.2	148B	41	10490	8050	7360	6950

FARM PRO IMP 327

I-2

AGRICULTURAL
IMPLEMENTS

TRAILER

FarmPRO 327 Implement has a soil friendly tread design characterized by central ribs and shoulder lugs. The central ribs together with a wide and flat contact area provide lowest possible soil compaction and damage.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		SW	OD				Drive Wheel				Free rolling				
		mm	mm	mm	mm		10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
		in	in	in	in		bar psi								
560/60-22.5	16					12	3	4900	4170	3500	3150	7000	5950	5000	4500
						164A8 160B	44	10800	9190	7720	6950	15430	13120	11020	9920
						16	3.75	5780	4910	4125	3710	8120	6900	5800	5220
						169A8 165B	54	12740	10830	9090	8180	17900	15210	12790	11510

328 XP



AGRICULTURAL
IMPLEMENTS



BALER



TRAILER



WAGON



TANKER

Experience the ultimate value for your money with heavy-duty performance and reliability in Alliance 328XP. Engineered to deliver exceptional performance and durability ON & OFF road with a wider footprint & Optimized Land to void ratio, it ensures uniform soil pressure and better traction, while its center lug overlap design provides superior roadability and unmatched riding comfort. Constructed with strong nylon, this tire offers extended tire life, even under the heaviest loads.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Free Rolling				Drive Wheel			
				mm in	mm in		mm in	mm in	bar psi	10 6	25 16	40 25	50 31	10 6	25 16
48X25.00-20	20.50VF	635	1255	591.1	3860	12 151A8/149B	3.1	4830	4106	3450	3105	3400	2892	2430	2187
		25	49.4	23.3	152	139A8/137B	45	10648	9052	7606	6845	7496	6376	5357	4822
48X31.00-20	26.00VF	763	1267	581	3891	12	2.8	3300	2808	2360	2124	4690	3987	3350	3015
	26.00HF	30	49.9	22.9	153.2	148A8	41	7280	6190	5200	4680	10340	8790	7390	6650
600/55-22.5	AG20.00	611	1240	523.8	3646	12 164A8/160B	2.4	7000	5950	5000	4500	4830	4106	3550	3105
		24.1	48.8	20.6	143.5	152A8/148B	35	15432	13117	11023	9921	10648	9052	7826	6845
600/55-22.5	AG20.00	611	1240	513.7	3710	16 156A8/153B	2.8	8120	6902	5800	5220	5600	4760	4000	3600
		24.1	48.8	20.2	146.1	169A8/166B	41	17902	15216	12787	11508	12346	10494	8818	7937
600/55-22.5	AG20.00	611	1240	526.8	3542	16	2.8	8120	7310	6500	5800	5220	4930	4750	4625
		24.1	48.8	20.7	139.4	162D	41	17902	16116	14330	12787	11508	10869	10472	10196
800/45-26.5	AG28.00	805	1385	598	4172	16	2.4	7000	5950	5000	4500	10220	8687	7300	6570
		31.7	54.5	23.5	164.3	177A8	35	15430	13120	11020	9920	22530	19150	16090	14480
850/50-30.5	AG28.00	850	1650	707.3	4909	16 187A8/183B	2.6	13650	11603	9750	8775	9660	8211	6900	6210
		33.5	65	27.8	193.3	175A8/171B	38	30093	25580	21495	19346	21297	18102	15212	13691

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Free Rolling					
				mm in	mm in		mm in	mm in	bar psi	10 6	20 12	30 19	40 25
700/50-26.5	AG24.00	700	1350	581	3999	16	2.4	9380	8440	7500	6700	6000	5300
		27.6	53.1	22.9	157.4	170B	35	20680	18610	16540	14770	13230	11680

MPT 317

R-4



TRAILER

317 MPT is a multipurpose tire constructed to meet the needs of multiple machines. The 45-degree lug angle ensures superior traction for both on- and off-road applications. The special casing combined with a unique tread rubber compound provides high speed for various applications without heat buildup. It has excellent maneuverability and high ground stability required while carrying out operations on uneven surfaces. The closed center ensures a long tire life.

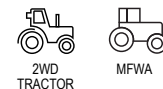


Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circumference	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Free Rolling					Drive Wheel				
		mm in	mm in				mm in	mm in	bar psi	10 6	15 9	20 12	30 19	40 25	10 6	15 9	20 12
10.0/75-15.3	9	264	780	343	2270	8	3.1	1703	1597	1505	1320	1188	1193	1119	1055	925	833
		10.4	30.7	13.5	89.4	118A6/114A8 105A6/101A8	45	3754	3521	3318	2910	2619	2630	2467	2326	2039	1836

FRONT, IMPLEMENT & IRRIGATION



FRONTS & IMPLEMENTS



208A

IMP

Alliance 208A lug type pattern ensures optimum traction on soft soil and good road-ability. A strong carcass, with nylon plies, permits better load carrying capacity while improving tire life for various tractor front applications. The presence of breaker(s) offer an improved footprint which aids ground stability.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)															
								Speed, km/h (mph)															
		SW	OD					Drive Wheel								Free Rolling							
							mm in	mm in	mm in	mm in	psi	Static	15 9	20 12	25 16	30 19	40 25	50 31	Static	15 9	20 12	25 16	30 19
12.5/80-18	W9	308	985	444	2948	10	3.1	3995	2261	2142	2023	1904	1700	1530	4010	3232	3062	2892	2722	2430	2187		
		12.1	38.8	17.5	116.1	139A8/135B 126A8/123B	45	8810	4990	4720	4460	4200	3750	3370	8840	7130	6750	6380	6000	5360	4820		

221

HF-2



Alliance 221 Grassland Flotation (High Flotation) tire improves the mobility of utility vehicles and agricultural implements and can replace dual tire configurations. The tire has a high load capacity with reduced inflation and rolling resistance. The large footprint of the tire minimizes damage to fields and crops. The nylon carcass and special ozone-resistant compound ensure longer tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		Mixed application													
		SW	OD				mm in	mm in	mm in	mm in	psi	10 6	20 12	25 16	30 19
33X15.50-15	13LB	390 15.4	875 34.4	375 14.8	2530 99.6	8 123B	3.1	2220	2110	2000	1890	1780	1710	1630	1550
							45	4890	4650	4410	4170	3920	3770	3590	3420
425/55R17	13	420 16.5	890 35	399 15.7	2656 104.6	137D 140A8	3.5	5290	4140	3630	3470	3130	2780	2460	2300
							51	11660	9130	8000	7650	6900	6130	5420	5070

Alliance 222 Agricultural Implement tire is a multi-rib, low-section design. Its extra wide tread and high volume enables carrying of heavy loads with low inflation pressures. It is highly suitable for on and off-the-road service. For best performances on soft and dry sand, the tire can also be mounted on drive wheels.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD	Drive Wheel					Free Rolling								
		mm in	mm in	mm in	mm in		psi	Static	10 6	25 16	40 25	50 31	Static	10 6	25 16	40 25	50 31
16.5L-16.1SL	W14CH W14C	419	1024	457	2987	10 138A8(134B), 125A8(122B)	2.5	3878	2310	1964	1650	1485	3894	3300	2808	2360	2124
							36	8550	5090	4330	3640	3270	8590	7280	6190	5200	4680
15.0/55-17	13	391 15.4	850 33.5	373 14.7	2465 97	18 150A8/146B, 138A8/134B	6	-	3280	2780	2340	2110	-	4620	3930	3300	2970
							87	-	7230	6130	5160	4650	-	10190	8660	7280	6550
19.0/45-17	16	480 18.9	850 33.5	375 14.8	2470 97.2	14 143A8/139B, 130A8/126B	4	-	2670	2270	1910	1720	-	3820	3250	2730	2460
							58	-	5890	5000	4210	3790	-	8420	7170	6020	5420
49-17	W 13	420 15.7	1184 46.6	542 21.3	3638 143.2	20 158A8/146A8	4	-	4200	3570	3000	2700	-	5950	5060	4250	3830
							58	-	9260	7870	6610	5950	-	13120	11160	9370	8440
20.00-20	16 20SDC	498 19.6	1400 55.1	598 23.5	3991 157.1	20 169A8/165B, 156A8/153B	3.9	-	5600	4760	4000	3600	-	8120	6900	5800	5220
							77	-	17660	15010	12610	11350	-	21470	18250	15340	13800
21.0/80-20	16SDC	525 20.7	1384 54.5	573.5 22.6	4147 160.6	12 166A8/154A8	2.2	-	5250	4460	3750	3380	-	7420	6310	5300	4770
							32	-	11574	9839	8267	7441	-	6358	13905	11684	10516

Alliance 223 Implement is a heavy-duty tire designed to carry heavy loads under tough field conditions. The strong nylon construction and the all-around protection against ozone layer impact and sunlight ensure long tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Drive Wheel				Free Rolling			
		mm in	mm in				mm in	mm in	bar psi	10 6	25 16	40 25	50 31	10 6	25 16
9.00-13	5.50F	247	814	354	2310	8PR	2.4	1330	1130	950	860	1900	1620	1360	1220
		9.3	30.7	13.9	90.9	119A8/115B, 106A8/102B	35	2930	2490	2090	1900	4190	3570	3000	2690
9.00-13	5.50F	236	780	354	2310	12	3.1	1530	1300	1090	980	2170	1840	1550	1400
		9.3	30.7	13.9	90.9	123A8/120B, 111A8/107B	45	3373	2866	2403	2161	4784	4057	3417	3086

302

L-2/G-2/E-2



Alliance 302 Industrial Implement tire is a heavy duty implement tire for industrial application and for all types of hard surfaces. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kinds of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Drive Wheel				Free Rolling			
								mm in	mm in	mm in	mm in	10 6	25 16	40 25	50 31
16.5/85-28	W13L W14L W15L	417	1423	626	4133	10PR	2.3	3970	3510	3075	2770	5640	4990	4375	3940
		16.4	56	24.6	162.7	159A6/156A8, 147A6/144A8	33	8750	7740	6780	6110	12430	11000	9650	8690

303

F-2



Alliance 303 Steering Wheel tire is a 3-rib (front wheel) tire designed for general farming purposes. It has a raised center rib to ensure easy steering. The tire is engineered for quiet rolling and long-lasting performance in both on and off-the-road service. The strong nylon construction and use of high-grade compounds make it a top-quality tire.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Tractor Application							
		mm in	mm in					mm in	mm in	bar psi	10 6	15 9	20 12	25 16	30 19
5.00-15	4.00E	175	760	354	2271	6	3.1	923	879	830	707	615	554	492	
		6.9	29.9	13.9	89.4	91A6	45	2040	1940	1830	1560	1360	1220	1090	
11.00-16	W10L 10LB W8L 8LB	315	965	434	2830	10	3.1	2250	2145	2025	1725	1500	1350	1200	
		12.4	38	17.1	111.4	122A6/114A8	45	4960	4730	4460	3800	3310	2980	2650	
6.00-16	4.50E 4.00E	165	735	340	2182	8	4.5	1005	958	905	771	670	603	536	
		6.5	28.9	13.4	85.9	94A6/87A8	65	2220	2110	2000	1700	1480	1330	1180	
9.00-16	W8L	236	851	396	2589	10	3.9	1750	1630	1500	1340	1250	1190	1130	
		9.3	33.5	15.6	101.9	116A6/108A8	57	3860	3590	3310	2950	2760	2620	2490	
6.00-19	4.50E	165	814	383.8	2457	6	3.3	975	930	878	748	650	585	520	
		6.5	32	15.1	96.7	93A6/85A8	48	2150	2050	1940	1650	1430	1290	1150	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		Steering Applications													
		SW mm in	OD mm in				mm in	mm in	bar psi	Static	10 6	15 9	20 12	25 16	30 19
10.00-16	W8L	274	895	407	2646	8	2.8	-	1823	1737	1640	1397	1215	1094	972
		10.8	35.2	16	104.2	115A6/107A8	41	-	4020	3830	3620	3080	2680	2410	2140
6.00-16	4.50E	165	735	351	2299	6	3.3	-	840	801	756	644	560	504	448
		6.5	28.9	13.8	90.5	88A6/80A8	48	-	1850	1770	1670	1420	1240	1110	990
6.50-16	4.00E	175	760	354	2271	6	3.1	-	923	-	830	707	615	-	487
		6.9	29.9	13.9	89.4	91A6/83A8	45	-	2035	-	1830	1559	1356	-	1074
7.50-18	5.50F	205	860	396	2670	8	3.7	2240	-	1460	-	1248	1082	-	975
		8.1	33.9	15.6	105.1	107A6/99A8	54	4940	-	3220	-	2750	2390	-	2150

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Free Rolling							
		mm in	mm in	mm in	mm in		psi	10 6	15 9	20 12	25 16	30 19	35 22	40 25	
7.50-16	5.50F 6LB	210	815	382	2473	10	4.7	1545	1473	1391	1185	1030	927	824	
		8.3	32.1	15	97.4	109A6/101A8	68	3410	3250	3070	2610	2270	2040	1820	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Tractor (Free Rolling) Applications							
		mm in	mm in	mm in	mm in		psi	10 6	15 9	20 12	25 16	30 19	35 22	40 25	
7.50-16SL	5.50F 6LB	205	805	379	2446	8	3.7	1313	1251	1181	1006	875	788	700	
		8.1	31.7	14.9	96.3	103A6/96A8	54	2900	2760	2600	2220	1930	1740	1540	



Alliance 312 is a Grassland Flotation Tire (High Flotation) which improves mobility of utility vehicles and agricultural implements. It can replace dual tire configurations. The tire can carry heavy load with low inflation pressure and rolling resistance. Its large footprint minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
								Free rolling									
		SW	OD														
		mm in	mm in	mm in	mm in		bar psi	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31		
26X12.00-12NHS	10.5	289	665	299	1976	4	2	940	-	800	750	-	670	-	600		
		11.4	26.2	11.8	77.8	94A8/93B	29	2070	-	1760	1650	-	1480	-	1320		
26X12.00-12NHS	10.5	289	665	292	1929	6	2.1	1240	1120	1060	1010	950	910	870	825		
		11.4	26.2	11.5	75.9	103A8/101B	30	2730	2470	2340	2230	2090	2010	1920	1820		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)			
		Speed, km/h (mph)									
		Compact Wheel loader									
		mm in	mm in	mm in	mm in		bar psi	10 6			
30X14.50-15IND	13LB	370	760	362.5	2318	10PR	4.1	1250			
		14.6	29.9	14.3	91.3	116B	59	2756			

Alliance 313 tire is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and industrial applications. It has a strong nylon construction and uses high grade compounds which guarantee long tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		Steering Applications													
		SW	OD						bar psi	10 6	15 9	20 12	25 16	30 19	35 22
mm in	mm in	mm in	mm in												
11L-15SL	8LB 10LB	279	810	378	2291	8 106A8	2.5	1587	1425	1321	1216	1055	988	950	
		11	31.9	14.9	90.2		36	3500	3140	2910	2680	2330	2180	2090	
14L-16.1SL	W11C	356	956	415	2708	12 127A8	3.6	2923	2625	2433	2240	1943	1820	1750	
		14	37.6	16.3	106.6		52	6440	5790	5360	4940	4280	4010	3860	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)				
								Speed, km/h (mph)				
		Tractor-Steer Wheel Application										
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	15 9	25 16	30 19	40 25
9.5L-15SL	8LB	251	782	357	2337	8	3	1700	1275	1088	944	850
		9.9	30.8	14.1	92	102A8	44	3750	2810	2400	2080	1870

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Free Rolling							
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25
11.00-16SL	W10L	315	962	435	2795	8	2.4	1971	-	1770	1640	1510	1310	-	1180
		12.4	37.9	17.1	110	114A8	35	4345	-	3902	3616	3329	2888	-	2601
11.00-16SL	10	315	950	442	2721	12	4.15	3100	-	2330	-	1980	1720	-	1550
		12.4	37.4	17.4	107.1	123A8	60	6830	-	5140	-	4370	3790	-	3420
10.00-16SL	8LB W8L	281	891	411.8	2672	8	2.8	-	1770	1590	1473	1357	1177	1102	1060
		11.1	35.1	16.2	105.2	110A8	41	-	3902	3505	3247	2992	2595	2429	2337

Alliance 320 is a low-section implement tire with high load capacity and minimum soil compaction. This is an ideal tire for modern farming designed for on and off road applications. Its strong nylon construction provides superior performance and durability.



Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Drive Wheel						Free Rolling									
		SW mm in	OD mm in									10 6	25 16	30 19	40 25	50 31	10 6
10.0/75-15.3IMP	9	264	760	335	2226	12	4.7	1650	1404	-	1180	1062	2380	2023	-	1700	1530
		10.4	29.9	13.2	87.6	126A8(122B) 114A8(110B)	68	3640	3100	-	2600	2340	5250	4460	-	3750	3370
10.0/75-15.3IMP	9	264	760	350	2331	14	5.5	1850	1571	-	1320	1188	2660	2261	-	1900	1710
		10.4	29.9	13.8	91.8	130A8/126B 118A8/114B	80	4079	3463	-	2910	2619	5864	4985	-	4189	3770
10.0/75-15.3IMP	9	264	760	353	2307	18	7.1	2100	1785	-	1500	1350	3050	2594	-	2180	1962
		10.4	29.9	13.9	90.8	135A8 122A8	103	4630	3940	-	3310	2980	6720	5720	-	4810	4330
11.5/80-15.3IMP	9	290	845	368	2477	10	3.4	1900	1618	-	1360	1224	2730	2321	-	1950	1755
		11.4	33.3	14.5	97.5	131A8(127B) 119A8(115B)	49	4190	3570	-	3000	2700	6020	5120	-	4300	3870
11.5/80-15.3IMP	9	290	845	375	2518	14	4.75	2380	2023	-	1700	1530	3400	2892	-	2430	2187
		11.4	33.3	14.8	98.5	A8	69	5250	4460	-	3750	3370	7500	6380	-	5360	4820
11.5/80-15.3IMP	9	290	845	385	2547	16	5.4	3710	3150	2970	2650	2390	2590	2200	2070	1850	1670
		11.4	33.3	15.2	100.3	142A8(138B) 129A8(125B)	78	8179	6945	6548	5842	5269	5710	4850	4564	4079	3682
11.5/80-15.3IMP	9	290	845	373	2544	18	6	2800	2380	-	2000	1800	3920	3332	-	2800	2520
		11.4	33.3	14.7	100.2	144A8 132A8	87	6170	5250	-	4410	3970	8640	7350	-	6170	5560
12.5-15.3IMP	9	307	889	384	2601	14	4.3	2590	2202	-	1850	1665	3710	3154	-	2650	2385
		12.1	35	15.1	102.4	142A8(138B) 129A8(125B)	62	5710	4860	-	4080	3670	8180	6950	-	5840	5260
12.5-15.3IMP	9	307	889	391	2640	16	4.8	2730	2321	-	1950	1755	3920	3332	-	2800	2520
		12.1	35	15.4	103.9	144A8(140B) 131A8(127B)	70	6020	5120	-	4300	3870	8640	7350	-	6170	5560
12.5/80-15.3	9	307	889	389	2558	14	4.3	2590	2202	-	1850	1665	3710	3154	-	2650	2385
		12.1	35	15.3	100.7	142A8 138B	62	5710	4860	-	4080	3670	8180	6950	-	5840	5260
500/55-15.5	16	503	944	-	-	12	2.4	2800	2380	2240	2000	1800	4060	3451	3248	2900	2610
		19.8	37.2	-	-	145A8(141B) 132A8(128B)	35	6170	5250	4940	4410	3970	8950	7610	7160	6390	5750
500/50-17 IMP	16	500	940	415	2736	14	2.75	3220	2737	2576	2300	2070	4550	3868	3640	3250	2925
		19.7	37	16.3	107.7	149A8(149B)	40	7100	6030	5680	5070	4560	10030	8530	8030	7170	6450
500/50-17IMP	16	500	940	428	2781	16	3.25	3500	2980	-	2500	2250	5020	4270	-	3585	3230
		19.7	37	16.3	107.7	152A8(149B) 140A8(136B)	47	7720	6570	-	5510	4960	11070	9410	-	7900	7120
10.5/80-18IMP	W9	274	885	392	2587	10	3.7	1900	1618	-	1360	1224	2730	2321	-	1950	1755
		10.8	34.8	15.4	101.9	131A8(127B) 119A8(115B)	54	4190	3570	-	3000	2700	6020	5120	-	4300	3870
12.5/80-18IMP	W9	308	965	427	2841	12	3.7	2590	2202	-	1850	1665	3710	3154	-	2650	2385
		12.1	38	16.8	111.9	142A8(138B) 129A8(125B)	54	5710	4860	-	4080	3670	8180	6950	-	5840	5260
13.0/65-18IMP	11	336	890	398	2611	12	3.5	2310	1964	-	1650	1485	3300	2808	-	2360	2124
		13.2	35	15.7	102.8	138A8(134B) 125A8(121B)	51	5090	4330	-	3640	3270	7280	6190	-	5200	4680
15.0/70-18	13	391	990	442	2902	10	3.6	3600	3060	-	2570	2320	5330	3670	-	3090	2780
		15.4	39	17.4	114.3	141A8(137B) 128A8(124B)	52	7940	6750	-	5670	5120	11750	8090	-	6810	6130

Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD	Drive Wheel					Free Rolling								
		mm in	mm in	mm in	mm in		bar psi	10 6	25 16	30 19	40 25	50 31	10 6	25 16	30 19	40 25	50 31
15.0/70-18IMP	13	391 15.4	990 39	447 17.6	3037 119.6	12 145A8(141B) 133A8(129B)	3.1	2880	2451	-	2060	1854	4060	3451	-	2900	2610
							45	6350	5400	-	4540	4090	8950	7610	-	6390	5750
15.0/70-18	13	391 15.4	990 39	449 17.7	3013 118.6	16 151A8(147B) 139A8(135B)	4.3	5711	3400	2892	2430	2187	5693	4830	4106	3450	3105
							62	12591	7496	6376	5357	4822	12551	10648	9052	7606	6845
16.0/70-20IMP	13.00 12 SDC 13 SDC	418 16.5	1075 42.3	478 18.8	3196 125.8	12 151A8(147B) 139A8(135B)	3	3400	2892	-	2430	2187	4830	4106	-	3450	3105
							44	7500	6380	-	5360	4820	10650	9050	-	7610	6850
16.0/70-20IMP	13.00 12SDC 13 SDC	418 16.5	1075 42.3	470 18.5	3164 124.6	14 154A8(150B) 142A8(138B)	3.5	3710	3154	-	2650	2385	5250	4463	-	3750	3375
							51	8180	6950	-	5840	5260	11570	9840	-	8270	7440

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		Mixed Application															
		SW	OD				bar	10	15	20	25	30	35	40	50	60	65
		mm	mm	mm	mm		psi	6	9	12	16	19	22	25	31	37	40
in	in	in	in	in													
500/50-17	16	500	940	415	2736	14	3.25	4500	4330	4130	3950	3780	3600	3400	3030	2680	2500
		19.7	37	16.3	107.7	149A8 /145B 137A8 /133B	47	9920	9550	9110	8710	8330	7940	7500	6680	5910	5510
500/50-17	16	500	940	428	2781	16	3.25	4500	4330	-	3950	3780	-	3400	3030	2680	2500
		19.7	37	16.9	109.5	140D 152A8	47	9920	9550	-	8710	8330	-	7500	6680	5910	5510

317

R-4



Alliance 317 tire is designed for applications that require high traction. It is engineered to provide the best performance for on and off road services in tough weather conditions. The tire provides excellent traction to drive wheels and has a strong nylon carcass construction.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circumference	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Drive Wheel					Free Rolling				
				mm in	mm in		mm in	mm in	bar psi	Static	10 6	15 9	20 12	30 19	40 25	10 6	20 12
10.0/75-15.3IMP	9	264 10.4	780 30.7	356 14	2339 92.1	10 123A6/120A8 111A6/107A8	3.9	-	1410		1240	1090	975	2000	1770	1550	1400
							57	-	3109		2734	2403	2150	4409	3902	3417	3086
10.0/75-15.3IND	9	260 10.2	775 30.5	360.5 14.2	2334 91.9	12PR 126 A6/115 A6	5.6	2820	-	2217	1959	1716	1559	-	-	-	-
							81	6217	-	4888	4319	3783	3437	-	-	-	-
11.5/80-15IMP	8	285 11.2	867 34.1	383 15.1	2520 99.2	8 126A6(123A8)	280	2775	1520	1430	1345	1180	1060	2195	1940	1700	1550
							4061	6118	3351	3153	2965	2601	2337	4839	4277	3748	3417
11.5/80-15.3 IMP	8	290 11.4	867 34.1	379 14.9	2567 101.1	14 139A6/135A8 126A6/123A8	4.75	-	2190	-	1940	1700	1530	3130	2770	2430	2190
							69	-	4828	-	4277	3748	3373	6900	6107	5357	4828
11.5/80-15.3IMP	9	300 11.8	867 34.1	400 15.7	2646 104.2	18 142/130	6	-	-	-	-	-	2650	-	-	-	1900
							87	-	-	-	-	-	5842	-	-	-	4189
16.0/70/20	13	418 16.5	1097 43.2	490 19.3	3220 126.8	14PR 153A6/149A8 141A6/137A8	3.5	-	3320	-	2940	2575	2320	4710	4160	3650	3290
							51	-	7320	-	6480	5680	5120	10380	9170	8050	7250

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD					Drive Wheel	Free Wheel
		mm in	mm in	mm in	mm in		bar psi	40 25	40 25
10.0/75-15.3IMP	9	264	778	360	2405	18	7.1	1550	2180
		10.4	30.6	14.2	94.7	135	103	3417	4806

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)								
		Speed, km/h (mph)														
		Implement														
		bar	15 9					20 12	30 19	40 25	50 31	60 37	70 43	80 50	90 56	
		mm	mm	mm	mm		psi									
in	in	in	in													
16.0/70-20	13	418	1097	490	3220	14	3.5	4790	4350	3630	3340	3250	3190	3100	3015	2900
		16.5	43.2	19.3	126.8	145G	51	10560	9590	8003	7363	7165	7033	6834	6647	6393

328

I-3



Alliance 328 is a tubeless flotation tire with good self cleaning characteristics, suitable for agricultural implements and for towed vehicles in particular. Its high load carrying capacity at low inflation pressures prevents damage to fields and crops. It is suitable for on and off-the road agricultural service on large implements. The tire's strong nylon construction and compounds ensure long tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index speed Sym PR	Infl. press.	Recommend load, kg (lbs)															
		SW	OD					Speed, km/h (mph)															
								Free rolling					Drive Wheel										
				mm in	mm in		mm in	mm in	bar psi	10 6	25 16	30 19	40 25	50 31	10 6	25 16	30 19	40 25	50 31				
400/60-15.5	13.00DC	404 15.9	874 34.4	383 15.1	2647 104.2	20 152A8/148B	5 73	3500 7720	2980 6570	2800 6170	2500 5510	2250 4960	4970 10960	4220 9300	3980 8770	3550 7830	3200 7060						
		500/60-15.5	16.00DC	503 19.8	965 38	420 16.5	2780 109.4	12 152A8/149B 139A8/136B	3.3 48	3430 7560	2920 6440	- -	2450 5400	2210 4870	4970 10960	4220 9300	- -	3550 7830	3200 7060				
48X25.00-20	20.50VF			635 25	1245 49	548 21.6	3620 142.5	10 146A8/144B 133A8/131B	2.4 35	2940 6480	2260 4980	- -	2070 4560	1950 4300	4230 9330	3250 7170	- -	2970 6550	2800 6170				
		12 151A8/149B 139A8/137B	3.1 45					3470 7650	2670 5890	- -	2440 5380	2300 5070	4910 10830	3770 8310	- -	3450 7610	3250 7170						
		550/60-22.5	16.00DC					550 21.7	1238 48.7	555 21.8	3651 143.7	8 153A8/150B 140A8/136B	2.2 32	5010 11050	4260 9390	- -	3580 7890	3220 7100	6130 13510	5210 11490	- -	4380 9660	3950 8710

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Mixed Application								
								mm	mm	mm	mm	mm	mm	mm	mm	mm
		in	in	in	in			in	in	in	in	in	in	in		
500/50R17	16	494	960	404	2927	145D	4	6670	5220	4785	4379	3944	3509	3103	2900	2639
		19.4	37.8	15.9	115.2		58	14710	11510	10550	9650	8700	7740	6840	6390	5820

442

HF-1

SG

STUBBLE
GUARD

Alliance 442 provides excellent performance for free-rolling wheels for use on harvesting machines, hay balers, bale racks, seeders, windrowers and fertilizer and manure spreaders



Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)				
		Speed, km/h (mph)										
		SW	OD	Free Rolling								
		mm	mm	mm	mm		bar	Static	10 6	15 9	30 19	50 31
		in	in	in	in		psi					
31x13.50-15	10LB	345	800	393	2519	14	6.2	4770	2840	2380	2020	1800
		13.6	31.5	15.5	99.2	128B	90	10520	6260	5250	4450	3970

571

I-1

SB

STEEL
BELTED

Alliance 571 Trailer tire represents an exceptional solution for Agricultural and Utility trailers. This pattern enables efficient ground protection for Turf and Grassland applications. The tire structure with strong steel belt reinforcement and rounded shoulders provide efficient on/off road application, low rolling resistance and outstanding resistance to punctures.



Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)								
								Speed, km/h (mph)								
		Mixed Application														
		SW	OD													
		mm	mm	mm	mm			bar	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
in	in	in	in	in	psi											
340/65R18	11	340	892	399	2722	145E	5	5800	5080	3770	3480	3190	3100	3050	2970	2900
		13.4	35.1	15.7	107.2	148A8	73	12790	11200	8310	7670	7030	6830	6720	6550	6390

320 VALUE PLUS

I-1

AGRICULTURAL
IMPLEMENTS

TRAILER

BALER

A 320 Value Plus is specially designed for agricultural implements. Its large footprint & high rubber to void ratio minimizes soil compaction. Strong textile construction ensures optimal performance and long tire life. This tire can be used on roads and also for grassland and sensitive soil applications in the fields.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		Free Rolling															
		SW	OD														
		mm	mm	mm	mm	bar psi	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31		
in	in	in	in	in													
10.0/80-12 IMP	9	264	710	309	2090	10	3.9	2640	2064	-	-	1712	1600	1520	1440	-	
		10.4	28	12.2	82.3	124A6/121A8	57	5820	4550	-	-	3770	3530	3350	3180	-	
7.00-12 IMP	4.25	185	667	295	1944	6	2.5	1172	916	-	-	760	710	675	639	-	
		7.3	26.3	11.6	76.5	99A6/95A8	36	2580	2020	-	-	1680	1570	1490	1410	-	
10.0/75-15.3IMP	9	264	760	339	2281	10	3.9	2558	2000	1876	1767	1659	1550	1473	1395	-	
		10.4	29.9	13.3	89.8	129A6/125A8	57	5640	4410	4140	3900	3660	3420	3250	3080	-	
10.0/75-15.3IMP	9	264	760	345	2345	14	5.5	3135	2450	2299	2166	2033	1900	1805	1710	-	
		10.4	29.9	13.6	92.3	136A6/132A8	80	6910	5400	5070	4780	4480	4190	3980	3770	-	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
								Free Rolling									
		SW	OD				bar psi	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31	
10.0/75-15.3 IMP	9	264	760	350	2344	18	7.1	3894	3040	2856	2690	2525	2360	2242	2124	-	
		10.4	29.9	13.8	92.3	138A6/134A8	103	8585	6702	6296	5930	5567	5203	4943	4683	-	
11.5/80-15.3IMP	9	290	845	366	2527	10	3.4	-	2970	2783	2622	2461	2300	2185	2070	-	
		11.4	33.3	14.4	99.5	137A6/133A8	49	-	6548	6135	5781	5426	5071	4817	4564	-	
11.5/80-15.3 IMP	9	290	845	365	2451	14	5.7	4790	3740	3520	3310	3110	2900	-	2620	-	
		11.4	33.3	14.4	96.5	145A6/141A8	83	10560	8245	7760	7297	6856	6393	-	5776	-	
12.5/80-15.3IMP	9	307	880	371.1	2565	14	5.2	4070	3820	3590	3370	3150	2990	-	2830	-	
		12.1	34.6	14.6	101	148A6/144A8	75	8973	8422	7915	7430	6945	6592	-	6239	-	
10.5/65-16 IMP	W9 W8 W8L	274	755	334	2266	10	3.8	2888	2260	2118	1995	1873	1750	1663	1575	-	
		10.8	29.7	13.1	89.2	127A6/123A8	55	6370	4980	4670	4400	4130	3860	3670	3470	-	
10.5/65-16 IMP	W9 9.00	274	755	340	2305	14	5.3	3498	2735	-	-	2268	2120	2014	1908	-	
		10.8	29.7	13.4	90.7	134A6/130A8	77	7710	6030	-	-	5000	4670	4440	4210	-	
13.0/55-16 IMP	11	336	770	345	2350	14	4.2	3795	2967	-	-	2461	2300	2185	2070	-	
		13.2	30.3	13.6	92.5	137A6/133A8	61	8370	6540	-	-	5430	5070	4820	4560	-	
13.0/55-16 IMP	11	332	770	345	2334	18	5.4	4373	3420	3207	3021	2836	2650	2518	2385	-	
		13.1	30.3	13.6	91.9	142A6/138A8	78	9640	7540	7070	6660	6250	5840	5550	5260	-	
400/60-15.5	13	404	874	377	2652	16	4.3	5750	4490	-	3970	-	3550	-	3130	-	
		15.9	34.4	14.8	104.4	152A6/148A8	62	12677	9899	-	8752	-	7826	-	6900	-	
400/60-15.5	13	404	874	383.4	2661	18	4.5	6023	4709	4417	4161	-	3650	-	3285	-	
		15.9	34.4	15.1	104.8	153A6 /149A8	65	13278	10382	9738	9173	-	8047	-	7242	-	
400/60-15.5 IMP	13	404	874	377	2569	20	5	6600	5160	4840	4560	4280	4000	3800	3600	-	
		15.9	34.4	14.8	101.1	156A6/152A8	73	14550	11380	10670	10050	9440	8820	8380	7940	-	
6.00-16 IMP	4.00E 4.50E	169	712	330	2162	6	2.7	1279	1000	-	-	829	775	736	698	-	
		6.7	28	13	85.1	99A6/95A8	39	2820	2210	-	-	1830	1710	1620	1540	-	
15.0/55-17IMP	13	391	850	372	2489	10	2.6	3890	3040	-	2530	-	2360	-	2120	-	
		15.4	33.5	14.6	98	138A6/134A8	38	8580	6700	-	5580	-	5200	-	4670	-	
15.0/55-17	13	391	850	384	2591	14	3.7	4249	3610	-	3245	-	2884	-	2575	2318	
		15.4	33.5	15.1	102	141A8/138A6	54	9370	7960	-	7150	-	6360	-	5680	5110	
19.0/45-17IMP	16	491	866	384	2578	14	2.8	-	4060	3810	3590	3370	3150	2990	2840	-	
		19.3	34.1	15.1	101.5	148A6/144A8	41	-	8950	8400	7920	7430	6950	6590	6260	-	
500/50-17	16	503	940	394	2733	14	2.8	6025	4710	4415	4160	3905	3650	3470	3250	-	
		19.8	37	15.5	107.6	153A6/149A8	41	13280	10380	9730	9170	8610	8050	7650	7170	-	
10.5/80-18IMP	W8 W9 9	274	885	390	2622	10	3.7	3597	2812	-	-	2333	2180	2071	1962	-	
		10.8	34.8	15.4	103.2	135A6/131A8	54	7930	6200	-	-	5140	4810	4570	4330	-	
12.5/80-18IMP	W9 W11	308	965	422	2873	12	3.7	4785	3741	-	-	3103	2900	2755	2610	-	
		12.1	38	16.6	113.1	145A6/142A8	54	10550	8250	-	-	6840	6390	6070	5750	-	
12.5/80-18IMP	W9 11	308	965	425	2871	16	4.9	5858	4580	-	-	3799	3550	3373	3195	-	
		12.1	38	16.7	113	152A6/48A8	71	12920	10100	-	-	8380	7830	7440	7040	-	
13.0/65-18	W11	336	890	404	2679	14	4.2	-	4350	-	-	3335	2900	-	2320	-	
		13.2	35	15.9	105.5	145A6/141A8	61	-	9590	-	-	7350	6390	-	5120	-	
13.0/65-18	11	336	890	400	2745	16	4.9	5198	4060	-	-	3371	3150	-	2835	-	
		13.2	35	15.7	108.1	148A6/144A8	71	11460	8950	-	-	7430	6950	-	6250	-	
15.0/70-18IMP	13	391	990	421	2992	16	4.25	5693	4451	-	-	3692	3450	3278	3105	-	
		15.4	39	16.6	117.8	151A6/148A8	62	12550	9810	-	-	8140	7610	7230	6850	-	
16.0/70-20IMP	13 13SDC 12SDC	418	1075	458	3158	12	3	6394	4999	-	-	4146	3875	3681	3488	-	
		16.5	42.3	18	124.3	155A6/151A8	44	14100	11020	-	-	9140	8540	8120	7690	-	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)			
								Speed, km/h (mph)			
								Steering Applications			
		SW	OD				bar psi	10 6	25 16	30 19	40 25
12.5/80-18 IMP	W9	308	965	422	2819	18	5.5	5625	4313	3750	3000
		12.1	38	16.6	111	154A6/150A8	80	12400	9510	8270	6610

FarmPRO 303 is an aesthetically improved modern F-2 design. It has an optimized rib design suitable for both on and off-road applications. The specially designed ribs ensure better readability. An additional rubber layer under the tread provides penetration resistance while improved sidewall deflection on loading ensures better stability.



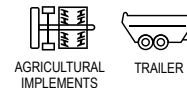
Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)						
								Speed, km/h (mph)						
		SW	OD					Steering Wheel						
		mm	mm	mm	mm	bar	10 6	15 9	20 12	25 16	30 19	35 22	40 25	
		in	in	in	in									
5.50-16	4.00E	150	710	337	2139	6	3.7	795	758	716	610	530	477	424
		5.9	28	13.3	84.2	86A6/78A8	54	1750	1670	1580	1350	1170	1050	940
6.50-16	4.00E	175	760	354	2254	6	3.1	923	879	830	707	615	554	492
		6.9	29.9	13.9	88.7	91A6/83A8	45	2040	1940	1830	1560	1360	1220	1090
7.50-16	5.50F	205	805	373	2426	8	3.7	1313	1251	1181	1006	875	788	700
		8.1	31.7	14.7	95.5	103A6/96A8	54	2900	2760	2600	2220	1930	1740	1540
9.00-16	W8 W8L	236	851	393	2514	10	3.9	1875	1788	1688	1438	1250	1125	1000
		9.3	33.5	15.5	99	116A6/108A8	57	4130	3940	3720	3170	2760	2480	2210
10.00-16	W8L W8	274	895	412	2592	8	2.8	1823	1737	1640	1397	1215	1094	972
		10.8	35.2	16.2	102	115A6/107A8	41	4020	3830	3620	3080	2680	2410	2140
11.00-16	W8L 8LB W10L 10LB	315	965	433	2839	8	2.5	1980	1888	1782	1518	1320	1188	1056
		12.4	38	17	111.8	118A6/110A8	36	4365	4162	3929	3347	2910	2619	2328
7.50-18	5.50F	205	867	402	2693	8	3.7	1463	1394	1316	1121	975	878	780
		8.1	34.1	15.8	106	107A6/99A8	54	3230	3070	2900	2470	2150	1940	1720
6.00-19	4.5	165	814	383	2453	6	3.3	975	930	878	748	650	585	520
		6.5	32	15.1	96.6	93A6/85A8	48	2150	2050	1940	1650	1430	1290	1150
7.50-20	5.5	205	915	426	2752	8	3.4	1545	1473	1391	1185	1030	927	824
		8.1	36	16.8	108.3	109A6/101A8	49	3410	3250	3070	2610	2270	2040	1820

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)			
		Speed, km/h (mph)									
		Steering Application									
		SW	OD								
		mm	mm	mm	mm		bar	psi	10	25	30
		in	in	in	in			6	16	19	25
6.00-16	4.50E	165	735	349	2206	6	3.3	840	644	560	448
		6.5	28.9	13.7	86.9	88A6/80A8	48	1850	1420	1240	990

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)						
		Speed, km/h (mph)												
		Tractor Applications												
		SW	OD				Static	10 6	15 9	20 12	25 16	30 19	40 25	
		mm	mm	mm	mm									
in	in	in	in											
5.00-15	4.00E	140	665	310	1995	4	2.8	-	440	410	390	330	365	290
		5.5	26.2	12.2	78.5	73A6/65A8	41	-	970	904	860	728	805	639
7.50-16	5.50F	205	805	373	2408	6	2.8	1730	1050	980	900	800	750	680
		8.1	31.7	14.7	94.8	98A6/90A8	41	3810	2320	2160	1980	1760	1650	1500

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)				
								Speed, km/h (mph)				
		SW	OD					Tractor Applications				
		mm	mm	mm	mm		bar	10	20	25	30	40
		in	in	in	in		psi	6	12	16	19	25
4.00-19	3	112	716	330	2182	4	3.4	530	480	410	355	280
		4.4	28.2	13	85.9	72A6/64A8	49	1170	1060	900	780	620

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)				
								Speed, km/h (mph)				
		SW	OD					Tractor Applications				
		mm in	mm in	mm in	mm in		bar psi	10 6	20 12	25 16	30 19	40 25
6.00-16	4.50E 4.00E	165	735	346	2162	8 94A6/87A8	4.5	1005	905	771	670	536
		6.5	28.9	13.6	85.1		65	2220	2000	1700	1480	1180

323
R-1


Alliance AS-323 Agriculture tire is designed for tractors, implements, self-propelled harvesting equipment and light industrial/construction applications. It has superior carcass casing and bead construction for better the tire life. The extra deep lug provides good performance under severe working conditions. The specially designed directional tread pattern provides excellent traction and self-cleaning properties. The tire is made of special rubber compound which provides greater resistance to tire failure, tear resistance, thus enhancing the tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Drive Wheel					Free Rolling				
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	25 16	40 25	50 31	Static	10 6	25 16	40 25	50 31
10.0/75-15.3	9	264	760	348	2344	10 123A8/111A8	3.9	2562	1530	1297	1090	981	2558	2170	1845	1550	1395
		10.4	30.7	13.7	92.3		57	5650	3370	2860	2400	2160	5640	4780	4070	3420	3080

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD					Drive Wheel						Free Rolling					
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	25 16	30 19	40 25	50 31	static	10 6	25 16	30 19	40 25	50 31
11.5/80-15.3IMP	9	290	845	389	2574	12	4.1	-	2170	1845	1736	1550	1395	-	3052	2594	2442	2180	1962
		11.4	33.3	15.3	101.3	135A8/123A8	59	-	4784	4068	3827	3417	3075	-	6729	5719	5384	4806	4325
11.5/80-15.3IMP	9	290	867	389	2574	18	6.1	-	2660	2261	2128	1900	1710	-	3815	3243	3052	2725	2453
		11.4	34.1	15.3	101.3	143A8/130A8	88	-	5860	4990	4690	4190	3770	-	8410	7150	6730	6010	5410
7.50-16	5.5 6	209	805	371	2439	8	3.25	1820	1090	920	870	775	700	1850	1570	1330	1250	1120	1010
		8.2	31.7	14.6	96	112A8/99A8	47	4010	2400	2030	1920	1710	1540	4080	3460	2930	2760	2470	2230

328 RADIAL
I-3


Alliance 328 SG tire is a specially designed tire constructed to carry heavy loads and is used in harsh conditions. It provides improved stability over dual-tire configuration. The tire also provides much better ride comfort, higher machine mobility, better self-cleaning and better overall performance on the road. 328 comes in Steel Belted, Fabric and Heavy Duty variants for different sizes. Test description.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Free rolling								
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40	
500/50R17	16	494	960	425	2867	145D	4	6670	5220	4580	4380	3940	3510	3100	2900	
		19.4	37.8	16.7	112.9		58	14710	11510	10100	9660	8690	7740	6830	6390	
600/50R22.5	AG20.00	600	1140	486	3348	168B	3.2	-	-	-	-	-	5600	-	-	
		23.6	44.9	19.1	131.8		46	-	-	-	-	-	12350	-	-	
710/40R22.5	AG24.00	700	1150	487	3411	170B	3.2	-	-	-	-	-	6000	-	-	
		27.6	45.3	19.2	134.3		46	-	-	-	-	-	13230	-	-	

328 VALUE PLUS

I-3



Alliance 328 Value Plus is specially designed for low end applications like balers, wagons and agricultural implements. It displays excellent flotation and self cleaning characteristics. The tire has moderate traction flotation profile and provides maximum soil protection and low compaction.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD	Drive Wheel						Free Rolling									
		mm	mm																
		in	in	in	in		in	in	in	in	in	in	in	in	in				
260/75-15.3IMP (10.0/75-15.3IMP)	9	268	784	343	2260	12	4.7	2773	1650	1487	1322	1180	1062	1931	1640	1474	1310	1170	1053
		10.6	30.9	13.5	89	126A8/114A8	68	6110	3640	3280	2920	2600	2340	4260	3620	3250	2890	2580	2320

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD	Drive Wheel						Free rolling									
		mm	mm	mm	mm		Static	10 6	20 12	30 19	40 25	50 31	Static	10 6	20 12	30 19	40 25	50 31	
		in	in	in	in		bar psi												
400/60-15.5	AG13.00	404	874	381.7	2538	16 148A8/144B 136A8/132B	4	-	4410	3969	3528	3150	2835	-	3140	2822	2509	2240	2016
		15.9	34.4	15	99.9		58	-	9722	8750	7778	6945	6250	-	6923	6221	5531	4938	4445
300/80-15.3IMP (11.5/80-15.3IMP)	9.00	292	855	375	2456	10 131A8/19A8	3.4	-	1904	-	1523	1360	1224	-	2730	-	2184	1950	1755
		11.5	33.7	14.8	96.7		49	-	4198	-	3358	2998	2698	-	6019	-	4815	4299	3869

332

HF-3



Alliance 332 is a high flotation tire which improves mobility of utility vehicles and agricultural implements. It can be used to replace dual configuration tires. The tire is engineered for high load carrying capacity with reduced inflation and rolling resistance. The large footprint minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensure longer tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)						
								Speed, km/h (mph)						
		Mixed Application												
		SW	OD						10	20	25	30	40	50
		mm	mm	mm	mm				bar psi	6	12	16	19	25
in	in	in	in											
31X15.50-15 NHS	13 13LB	391 15.4	792 31.2	367 14.4	2540 100	10 127A8/125B	4.2 61	2480 5470	2240 4940	2130 4700	2010 4430	1750 3860	1650 3640	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)
								Speed, km/h (mph)
		Mixed Application						
		bar	50					
		psi	31					
31 15.50-15NHS	13	391	792	367	2540	8	3.1	1250
		15.4	31.2	14.4	100	116B	45	2760

543

I-1

AGRICULTURAL
IMPLEMENTS

TRAILER



BALER

Alliance 543 High Speed tire is ribbed to provide excellent performance for free rolling wheels for use on harvesting machines, hay balers, bale racks, seeders, windrowers and fertilizer & manure spreaders. It provides easy steering of machinery/equipment due to its heavily grooved ribs.

The tire provides adequate flotation for machinery and has high density rubber compounding on its tread. This tire is DOT certified for intermittent highway use.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm				bar	100
		in	in				psi	62
12.5L-15FI	10LB15	318	823	375.7	2509	134 J	6.2	2120
		12.5	32.4	14.8	96.7		90	4670

TRACPRO

F-2

2WD
TRACTOR

Alliance TracPRO tractor front tire displays better self-cleaning because of the notches on its shoulder. The specialized rib pattern ensures a comfortable driving experience and the special stubble protection compound offers long life because of puncture and damage resistance.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm	mm					Tractor Applications							
		in	in				bar psi	10 6	15 9	20 12	25 16	30 19	35 22	40 25	
5.25-14	4	145	646	312	2015	8	5.7	1875	1788	1688	1438	1250	1125	1000	
		5.7	25.4	12.3	79.3	87A6	83	4130	3940	3720	3170	2760	2480	2210	
6.00-16	4.50E	168	754	353	2270	8	4.5	1005	958	905	771	670	603	536	
		6.5	28.9	14	89.2	94A6	65	2220	2110	2000	1700	1480	1330	1180	
6.50-16	4.50E	180	773	3642	2340	8	4.2	1125	1073	1013	863	750	675	600	
		7.1	30.1	14.4	91.9	98A6	61	2480	2370	2230	1900	1650	1490	1320	
6.50-20	5.00F	184	880	416	2692	8	4.5	1275	1216	1148	978	850	765	680	
		7.2	34.6	16.4	106	102A6	65	2810	2680	2530	2160	1870	1690	1500	
7.50-16	5.50E 5.05	205	805	385.8	2483	8	3.7	1313	1251	1181	1006	875	788	700	
	6LB	8.1	31.7	15.2	97.8	103A6	54	2895	2758	2604	2218	1929	1737	1543	

TRAC PRO MULTIRIB

F-2



TracPRO (Multi-rib Pattern) F-2 Tractor front tire is a unique design with grooves on the central rib and notches in the shoulder which endures the tire with superior traction in wet conditions. The tire also displays excellent self cleaning because of its tread design. Its special stubble protection compound ensures higher resistance to damages and punctures.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
								Tractor Applications									
		SW	OD								10	15	20	25	30	35	40
		mm	mm				mm	mm	bar	psi	6	9	12	16	19	22	25
		in	in	in	in												
6.00-16	4.50E6 4.00E	170	750	354	2268	8	4.5	1005	958	905	771	670	603	536			
		6.7	29.5	13.9	89.3	94A6	65	2220	2110	2000	1700	1480	1330	1180			
7.50-16	5.50F	208	814	331	2404	8	3.7	1313	1251	1181	1006	875	788	700			
		8.2	32	13	94.6	103A6	54	2900	2760	2600	2220	1930	1740	1540			
9.00-16	6.00 W18	253	855	400	2457	10	3.9	1875	1788	1688	1438	1250	1125	1000			
		10	33.7	15.7	96.7	116A6	57	4130	3940	3720	3170	2760	2480	2210			
6.50-20	5.00F	185	888	420	2707	8	4.5	1275	1216	1148	978	850	765	680			
		7.3	35	16.5	106.6	102A6	65	2810	2680	2530	2160	1870	1690	1500			

321 HIGH TRACTION

R-4



AGRICULTURAL IMPLEMENTS

Alliance 321 Construction Machinery tire is designed for tough on off road requirements of modern compact construction machinery and other equipment where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to structural failure of the tire.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Drive wheel				Free rolling					
		mm	mm					mm	mm	10	25	40	50	10	25	40	50
		in	in					in	in	6	16	25	31	6	16	25	31
10.5/80-18	9	277	910	410	2680	10PR	3.7	1900	1620	1360	1220	2730	2320	1950	1760		
		10.9	35.8	16.1	105.5	131A8 127B 119A8 115B	54	4190	3570	3000	2690	6020	5120	4300	3880		

448 HARVESTER



Alliance Harvester 448 is a non-directional tread pattern with a high lug-to-void ratio. It provides outstanding maneuverability and stability. The presence of abrasion resistant compound ensures excellent durability. High traction with low rolling resistance assures improved productivity making it a perfect choice for customers



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
				Free Rolling											
				mm	mm	mm	mm	mm	mm	mm	mm				
												in	in	in	in
9.00-16	6.50H 6.00G	253	928	438	2784	16	7.25	3795	2970	2783	2622	2461	2300	2185	2070
		9.8	36.5	17.2	109.6	137A6	105	8370	6550	6140	5780	5430	5070	4820	4560

AGRIFLEX 381

I-2



TRAILER



TANKER



WAGON



BALER



PLANTER

Alliance 381 Agriflex is an IF steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces, which require optimized soil and plant protection. The unique rib type pattern, enables a large footprint and low ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. Its specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
								Mixed Application													
				mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
																				in	in
in	in	in	in	in	in	bar psi	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	60 37	65 40	70 43	
IF240/80R15	8LB	245	765	346	2319	125D	3.6	3795	2970	2855	2723	2607	2492	2376	2244	2129	1997	1881	1766	1650	1502
		9.6	30.1	13.6	91.3	113D	52	8370	6550	6290	6000	5750	5490	5240	4950	4690	4400	4150	3890	3640	3310
IF265/85R15	8LB	274	832	371	2507	129D	3.3	4255	3330	3201	3053	2923	2794	2664	2516	2387	2239	2109	1980	1850	1684
		10.8	32.8	14.6	98.7	117D	48	9380	7340	7060	6730	6440	6160	5870	5550	5260	4940	4650	4370	4080	3710
IF280/70R15IMP	W8	280	775	350	2305	137	4.8	5290	4140	-	3795	-	3473	-	3128	-	2783	-	2461	2300	-
		11	30.5	13.8	90.7	125	70	11662	9127	-	8367	-	7657	-	6896	-	6135	-	5426	5071	-

AGRIFLEX+ 881

I-2

SG

STUBBLE GUARD



AGRICULTURAL IMPLEMENTS



BALER



TRAILER

Agriflex+ 881 is the latest addition to Alliance engineered series of Agriflex tires. Specially designed to provide higher load carrying capacities for Planters, balers, trailers and agricultural implements. It can carry up to 40% more load at the same amount of pressure while ensuring minimum soil compaction. Robust all steel construction with presence of stubble guard compound assures minimum downtime and maximum vehicle productivity making it an ideal partner for heavy duty agriculture applications.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD				Not high an sustained torque										
		mm	mm	mm	mm		bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40		
		in	in	in	in												
VF245/70R19.5	7.5	242	845	372	2543	144D	5.6	6440	3080	2910	2860	2800	2800	2800	2800		
		9.5	33.3	14.6	100.1		81	14200	6790	6420	6310	6170	6170	6170	6170		
VF265/70R19.5	8.25	262	867	383	2605	148D	5.6	7250	3470	3280	3210	3150	3150	3150	3150		
		10.3	34.1	15.1	102.6		81	15980	7650	7230	7080	6950	6950	6950	6950		
VF285/70R19.5	8.25	285	889	394	2684	150D	5.2	7710	3690	3480	3420	3350	3350	3350	3350		
		11.2	35	15.5	105.7		75	17000	8140	7670	7540	7390	7390	7390	7390		
VF255/70R22.5	7.5	255	930	408	2784	149D	5.4	3575	3380	3315	3250	3250	3250	3250	3250		
		10	36.6	16.1	109.6		78	7880	7450	7310	7170	7170	7170	7170	6520		
VF295/75R22.5	9	298	1014	452	3035	154D	4.8	4125	3900	3825	3750	3750	3750	3750	3750		
		11.7	39.9	17.8	119.5		70	9090	8600	8430	8270	8270	8270	8270	7520		
VF385/65R22.5	11.75	389	1072	489	3242	163D	4.8	11210	5360	5070	4970	4875	4875	4875	4875		
		12.25	15.3	42.2	19.3		127.6	70	24710	11820	11180	10960	10750	10750	10750		

HIGH SPEED RIB

I-1



Alliance High-Speed tire is ribbed to provide excellent performance for free rolling wheels for use on harvesting machines, hay balers, bale racks, seeders, windrows, and fertilizer manure spreaders. It provides easy steering of machinery/equipment due to its heavily grooved ribs. The tire provides adequate flotation for machinery and has high-density rubber compounding on its tread. This tire is DOT certified for intermittent highway use.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
							mm	mm	mm	mm	bar psi	Free Rolling
							in	in	in	in		100 62
11L-15FI	8LB 8J	283	788	352	2294	120J	4.13	1400				
	8.5J 10LB	11.1	31	13.9	90.3		60	3090				
11L-15FI	8LB 10LB	281	790	356	2316	128J	6.2	1800				
	8J 8.5J	11.1	31.1	14	91.2		90	3970				
12.5L-15FI	10LB	318	823	376	2525	126J	4.15	1700				
		12.5	32.4	14.8	99.4		60	3750				
12.5L-15FI	10LB	318	823	376	2509	134J	6.2	2120				
		12.5	32.4	14.8	98.8		90	4670				
9.5L-15FI	8LB	241	767	349	2297	115J	4.1	1215				
		9.5	30.2	13.7	90.4		59	2680				
11L-15FI	8LB 8.5J	283	788	351.6	2294	120J	4.13	1400				
	10LB	11.1	31	13.8	90.3		60	3086				
12.5L-15F	10LB	318	823	384.5	2525	126J	4.15	1700				
		12.5	32.4	15.1	99.4		60	3748				

FARMPRO 303 MULTIRIB

F-2



303 FarmPro Multirib Pattern has a unique design with grooves on the central rib and notches in the shoulder which gives the tire superior traction in wet conditions. The tire also displays excellent self cleaning properties because of its tread design. Its special stubble protection compound ensures higher resistance to damages and punctures.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Not high an sustained torque						
				mm	mm		mm	mm	bar psi	10 6	20 12	25 16	30 19	40 25
				in	in		in	in						
10.00-16	W8	274	895	405	2696	12	4	2325	2093	1783	1550	1240		
		10.8	35.2	15.9	106.1	123A6	58	5130	4610	3930	3420	2730		
11.00-16	W10	315	965	435	2893	12	3.7	2550	2295	1955	1700	1360		
		12.4	38	17.1	113.9	126A6	54	5620	5060	4310	3750	3000		
7.50-16	5.50F 5.00F 6.00F	205	805	376	2316	8	3.7	1310	-	1010	875	700		
		8.1	31.7	14.8	91.2	103A6 96A8	54	2890	-	2230	1930	1540		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)					
								Speed, km/h (mph)					
		Non Cyclic Operation											
		SW	OD										
		mm	mm	mm	mm		bar	psi	40 25	Static	10 6	20 12	25 16
in	in	in	in										
6.50-20	5.00F	175	865	417	2619	8	3.9	740	1900	1160	990	880	825
		6.9	34.1	16.4	103.1	101A6 93A8	57	1630	4190	2560	2180	1940	1820

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)						
								Speed, km/h (mph)						
		TRACTOR APPLICATION												
		SW	OD											
		mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	
		in	in	in	in		bar psi	10 6	15 9	20 12	25 16	30 19	35 22	40 25
7.50-20	5.50F	205	915	429	2738	8	3.4	1545	1473	1391	1185	1030	927	824
		8.1	36	16.9	107.8	109A6 /101A8	49	3406	3247	3067	2612	2271	2044	1817

SLICK MASTER

C-1

SG

STUBBLE GUARD



The Alliance Slick Master is the latest offering for various Agriculture implement applications. The specially designed slick tread provides a high rubber volume thereby resulting in superior tire life. The tire is designed to avoid stubble damages and punctures resulting in improved uptime and lower maintenance. Slick Master also has the special stubble resistant compound making it the perfect choice for usage in fields prone to high stubble damage.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)				
								Speed, km/h (mph)				
		Free rolling										
		SW	OD	mm	mm		mm	mm	bar	psi	10 6	25 16
in	in	in	in	in	in							
20.58.0-10	6JA	203	518	-	1520	10 95B	6.2	1070	910	770	690	
		8	20.4	-	59.8		90	2360	2010	1700	1520	
215/75-14	6J	216	685	319	2073	10 122B	3.7	1740	1480	1240	1120	
		8.5	27	12.6	81.6		54	3840	3260	2730	2470	
11L-15SL	8LB	279	777	350	2322	12 121B	3.6	2250	1910	1610	1450	
		11	30.6	13.8	91.4		52	4960	4210	3550	3200	
12.5L-15SL	10LB	318	823	373	2457	12 127B	3.6	2710	2310	1940	1750	
		12.5	32.4	14.7	96.7		52	5980	5090	4280	3860	
9.5L-15SL	8LB	251	767	354	2316	12 121B	4.4	2250	1910	1610	1450	
		9.9	30.2	13.9	91.2		64	4960	4210	3550	3200	

SUPER SOFT 802



The Super Soft 802 tires are ideal for pull-type agriculture implements. This tire has been strengthened, and enhanced to provide the best performance for various agricultural and industrial machines.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)		
								Speed, km/h (mph)		
		SW	OD					Trailer		
		mm	mm	mm	mm		bar	psi	50	31
		in	in	in	in					
16.5L 16.1SL	14	419	1026	465	3007	10	2.5	2360		
		16.5	40.4	18.3	118.4	138B	36	5200		

I-1 RIB IMPLEMENT E

I-1



Alliance Rib Implement (E) is a low-weight tire that is designed to deliver excellent performance for free-rolling wheels on wagons, hay balers, bale racks, seeders, windrowers, and fertilizer spreaders. Its heavily grooved ribs enhance flotation properties, leading to easy steering while increasing the overall stability of the equipment. Its high rubber volume results in less wear and a longer tire life. The rounded shoulders are ideally suited for seeders and implements. Its low rolling resistance leads to better fuel economy.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm					50
		in	in				bar psi	31
9.5L-14SL	8KB 7.0	251	741	341	2256	8	3	1090
		9.9	29.2	13.4	88.8	111B	44	2400
7.60-15SL	6LB	198	734	338	2240	8	3.5	950
		7.8	28.9	13.3	88.2	106B	51	2090
9.5L-15SL	8LB	249	767	352	2431	8	3	1120
						112B	44	2470
11L-14SL	8KB	279	752	340	2288	8	2.5	1120
		11	29.6	13.4	90.1	112B	36	2470
11L-15SL (E)	8LB	279	777	353	2384	8	2.5	1150
		11	30.6	13.9	93.9	113B	36	2540
11L-15SL	8LB 10LB	279	777	355	2363	12	3.6	1450
		11	30.6	14	93	121B	52	3200
12.5L-15SL	10LB	318	823	364	2457	12	3.6	1750
		12.5	32.4	14.3	96.7	127B	52	3860

I-1 RIB IMPLEMENT

I-1



Alliance Rib Implement is designed to deliver excellent performance for free-rolling wheels on wagons, hay balers, bale racks, seeders, wind rowers, and fertilizer spreaders. Its heavily grooved ribs enhance flotation properties leading to easy steering while increasing the overall stability of the equipment. Its high rubber volume results in lesser wear and longer tire life. The rounded shoulders are ideally suited for seeders and implements. Its low rolling resistance leads to better fuel economy.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm					Free Rolling
		in	in				bar psi	50 31
11L-14SL	8KB	279	752	342	2236	8	2.5	1120
		11	29.6	13.5	88	112B	36	2470
9.5L-14SL	8KB	251	740	328	2204	8	3	1090
		9.9	29.1	12.9	86.8	111B	44	2400
10.00-15SL	8LB	274	853	373	2574	8	2.8	1450
		10.8	33.6	14.7	101.3	121B	41	3200
11L-15SL	8LB	279	777	369	2345	8	2.5	1150
		11	30.6	14.5	92.3		36	2540
	8LB	279	777	350	2288	12	3.6	1450
		11	30.6	13.8	90.1	121B	52	3200

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
								Free Rolling		
		mm	mm	mm	mm		bar	psi	50	
in	in	in	in			31				
12.5L-15SL	10LB	318	823	371	2249	8	2.5	1360		
		12.5	32.4	14.6	88.5	119B	36	3000		
		318	835	363	2437	10	3	1550		
		12.5	32.9	14.3	95.9	10	44	3420		
		319	823	360	2425	12	3.6	1750		
		12.6	32.4	14.2	95.5	127B	52	3860		
		318	823	366	2474	14	4.2	1950		
		12.5	32.4	14.4	97.4	131B	61	4300		
		6.70-15SL	4.5KB	170	704	327	2136	6	3	730
		5KB	6.7	27.7	12.9	84.1	97B	44	1610	
7.50-16SL	5.50F	218	785	363	2370	8	3.3	1120		
		8.6	30.9	14.3	93.3		48	2469		
		218	785	363	2370	14PR	5.5	1360		
		8.6	30.9	14.3	93.3	119A8	80	2998		
7.60-15SL	6LB 7J	208	734	333	2175	8	3.6	950		
		8.2	28.9	13.1	85.6	106B	52	2090		
9.5L-15SL	8LB	251	740	328	2204	8	3	1120		
		9.9	30.2	13.8	88.9	111B	44	2470		
		249	767	350.3	2258	12	4.4	1450		
		9.8	30.2	13.8	88.9	121B	64	3200		
19L-16.1SL	W16C	482	1060	462	3020	12	2.5	30		
		19	41.7	18.2	118.9	146B	36	6610		
21.5L-16.1SL	W18	545	1139	494	3226	10	1.9	3000		
		21.5	44.8	19.4	127	146B	28	6610		
		545	1130	494	3226	14	2.5	3550		
		21.5	44.5	19.4	127	152B	36	7826		
		546	1138	493	3378	18	3	4000		
		21.5	44.8	19.4	133	156B	44	8820		
9.00-16SL	6LB W8L 8LB	264	856	390	2547	10	3.6	1500		
		10.4	33.7	15.4	100.3	122B	52	3310		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)				
								Speed, km/h (mph)				
		SW	OD					Free rolling				
		mm	mm	mm	mm		bar	10	15	25	40	50
in	in	in	in	psi	6	9	16	25	31			
11.00-16SL	8LB 10LB	292	937	420	2746	12	3.5	3470	-	2960	2490	2240
		11.5	36.9	16.5	108.1	136B	51	7650	-	6530	5490	4940
7.50-16SL	5.5F	209	785	363	2370	8	5.5	2100	-	1790	1500	1360
		8.2	30.9	14.3	93.3	112B	80	4630	-	3950	3310	3000
		209	785	359	2376	10	4.1	1920	1600	-	1360	1215
		8.2	30.9	14.1	93.5	115B	59	4233	3527	-	2998	2679
		218	787	363	2370	14	5.5	2100	-	1790	1500	1360
		8.6	31	14.3	93.3	119A8	80	4630	-	3950	3310	3000

Alliance 336 is tough cross ply tire for implement as well as mid range combine harvesters. It provides better traction, self cleaning with higher stability. This tire needs low maintenance time due to minimum wear leading longer life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Drive Wheel					Free Rolling				
		mm	mm	mm	mm		bar	10	20	30	40	50	10	20	30	40	50
		in	in	in	in		psi	6	12	19	25	31	6	12	19	25	31
360/80-20 (14.5/75-20)IMP	11	358	1090	504	3301	8	2.3	2520	2268	2016	1800	1620	3610	3245	2884	2575	2318
	12	14.1	42.9	19.8	130	128A8 141A8	33	5560	5000	4450	3970	3570	7960	7150	6360	5680	5110

FARM PRO IMP 527



The FARMPRO IMP 527 provides excellent performance for free rolling wheels on trailers.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)								
								Speed, km/h (mph)								
		Free Rolling														
		SW	OD					mm	mm	mm	mm	bar psi	Static	15 9	20 12	25 16
		in	in	in	in		in	in								
11.5/80-15.3IMP	9	290	845	359	2516	14	4.75	4010	3232	3062	2892	2722	2430	218		
		11.4	33.3	14.1	99.1	139A8/143A6	69	8841	7125	6751	6376	6001	5357	4822		

RIB IMP 226

I-1



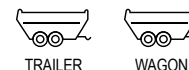
The RIB IMP 226 by Alliance is an ideal solution for agricultural implements and trailers. Its tread design guarantees excellent traction and steerability in the field, while its high land-to-void ratio ensures a comfortable ride. The robust carcass is built to handle heavy loads efficiently while delivering strong performance.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)			
								Speed, km/h (mph)			
		Free rolling									
		SW	OD				10	25	40	50	
		mm	mm	mm	mm		bar	psi	6	16	25
in	in	in	in								
9.5L-15SL	8LB	251	767	354	2344	12	4.4	2250	1910	1610	1450
		9.9	30.2	13.9	92.3	121B	64	4960	4210	3550	3200
14L-16.1SL	W11C	356	933	399	2711	8	2.2	6750	2310	1940	1750
		14	36.7	15.7	106.7	127B	32	14881	5093	4277	3858

TRAILER 448

IMP



Alliance Trailer 448 is specially designed for trailer applications. The non-directional tread pattern with high lug to void ratio provides outstanding maneuverability and stability. Presence of abrasion resistant compound ensures excellent durability. Also, high traction with low rolling resistance assures improved productivity.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)												
								Speed, km/h (mph)												
		Free Rolling Application								Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25			
		SW	OD				mm	mm												
		in	in				in	in												
9.00-16	6.5	260	926	431	2787	16	7.25	3795	2967	2783	2622	2461	2300	2185	2070					
	6.5	10.2	36.5	17	109.7	137A6	105	8370	6540	6140	5780	5430	5070	4820	4560					

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)							
								Speed, km/h (mph)							
		Trailer Application													
		SW	OD					mm	mm	mm	mm	Static	10 6	25 16	30 19
		mm	mm				mm	mm	mm	mm	bar psi	Static	10 6	25 16	30 19
9.00-16	6.00T	260	926	425	2773	18	7.6	3890	3040	2530	2360	21			
		10.2	36.5	16.6	109.3	138A6	110	8580	6700	5580	5200	4670			

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm	mm				mm	mm	bar	40
		in	in				in	in	psi	25
10.00-20	7.5	278	1073	503	3260	16	7.95	3000		
		10.9	42.2	19.8	128.3		115	6610		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
							mm	mm	Fronts & Implements
							in	in	30 19
		9.00-20	7				259	1038	487
10.2	40.9			19.2	124.9	115	5840		

RADIAL SEEDER(352)

I-2



Alliance Radial Seeder is a tire specifically designed for the seeder application. A special stubble resistant compound which gives a better protection on field. The steel belted construction gives a better load distribution and larger footprint along with puncture resistance.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD				Mixed Application										
		mm	mm				mm	mm	bar	Static	15 9	25 16	30 19	40 25	50 31	65 40	70 43
		in	in				in	in	psi								
340/60R15IMP	10LB	335	790	353.5	2357	118D	2.8	3036	2284	2086	1993	1795	1597	1320	1201		
		13.2	31.1	14	93.2		41	6690	5040	4600	4390	3960	3520	2910	2650		

AGRIFLEX + 389 (IMP)

SB

STEEL
BELTED



AGRICULTURAL
IMPLEMENTS



TRAILER

Alliance Agriflex+ 389 VF introduces the next level of innovation: the world's first VF flotation tire offers the possibility to be operated at 30% lower inflation pressure as a conventional flotation tire. Our goal at Alliance is to develop tires that solve real problems in the field. With Agriflex+ 389 we have trailer tires which allow to mirror the pressure of VF tires on today's high horsepower tractors. This significantly reduces the footprint pressure and thus results in low soil compaction.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD				Mixed Application								
		mm	mm	mm	mm		bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40
		in	in	in	in										
VF500/50R17	16	495	932	398	2765	150D	3.2	6830	5490	5090	4720	4320	3920	3550	3350
		19.5	36.7	15.7	108.9	150	46	15060	12100	11220	10410	9520	8640	7830	7390

AGRIFLEX+ 381

I-2

SB

STEEL
BELTED



TRAILER



TANKER



WAGON



BALER



PLANTER

The Agriflex+ 381 is a tire with a flat tread profile and large footprint. It puts more rubber on the ground. This unique rib-type pattern leads to effective steering and improved lateral traction, thereby reducing soil compaction and prolonging tire life. Moreover, the shoulder lugs prevent any excessive tire slips and consequently save the tire surface from further damage.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD				Mixed Application								
		mm	mm	mm	mm		bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40
		in	in	in	in										
VF280/70R15IMP	W8	280	775	350	2307	136D	4.5	4570	3670	3400	3160	2890	2620	2370	2240
		11	30.5	13.8	90.8	136D	65	10075	8091	7496	6967	6371	5776	5225	4938
VF 320/70R15	10LB	320	829	363	2506	145D	5	5920	4760	4410	4090	3740	3390	3070	2900
		12.6	32.6	14.3	98.7		73	13050	10490	9720	9020	8250	7470	6770	6390
VF410/50R16.5	AG13.00	411	829	360.3	2514	145D	4	6670	5220	4785	4379	3944	3509	3103	2900
		16.2	32.6	14.2	99		58	14705	11508	10549	9654	8695	7736	6841	6393
VF340/65R18	W11 11.00	335	899	398	2681	145D	4	5920	4760	4410	4090	3740	3390	3070	2900
		13.2	35.4	15.7	105.6		58	13050	10490	9720	9020	8250	7470	6770	6390

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD					Not high and sustained torque; Road transport										
		mm	mm	mm	mm		bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	60 37	65 40	70 43
		in	in	in	in													
VF380/55R16	12	380	834	371.7	2527	148D	5	6615	5513	5292	5040	4851	4631	4190	3749	3339	3150	2930
		15	32.8	14.6	99.5		73	14584	12154	11667	11111	10695	10210	9237	8265	7361	6945	6460

FarmPRO 327 Implement has a soil friendly tread design characterized by central ribs and shoulder lugs. The central ribs together with a wide and flat contact area provide lowest possible soil compaction and damage.



IMPLEMENT

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)															
								Speed, km/h (mph)															
		SW	OD					Static	Drive Wheel						Free rolling								
							mm		mm	mm	mm	mm	mm	mm	mm	Static	10 6	25 16	30 19	35 22	40 25	50 31	
in	in	in	in	in	in	bar psi	10 6	25 16	30 19	35 22	40 25	50 31	Static	10 6	25 16	30 19	35 22	40 25	50 31				
500/50-17	16	500 19.7	442	435	2840 111.8	10 143A8/139B 130A8/126B	2	-	2660	2260	-	-	1900	1710	-	3820	3240	-	-	2725	2450		
			37.8	17.1		29	-	5860	4980	-	-	4190	3770	-	8420	7140	-	-	6010	5400			
			960	442		14	2.75	-	3140	2670	-	-	2240	2020	-	4550	3870	-	-	3250	2930		
			37.7	17.4		149A8/145B 136A8/132B	40	-	6920	5890	-	-	4940	4450	-	10030	8530	-	-	7170	6460		
			960	435		18	3.5	-	3610	3060	-	-	2575	2318	-	5250	4460	-	-	3750	3375		
			37.7	17.1		154A8/150B 141A8/137B	51	-	7960	6750	-	-	5680	5110	-	11570	9830	-	-	8270	7440		
12.5/80-18 (320/80-18)	10	320	970	434	2860	12 142A8	3.7	-	2950	2200	-	-	1850	1670	-	3710	3150	-	-	2650	2380		
		2.6	38.2	17.1	112.6	129A8	54	-	6500	4850	-	-	4080	3680	-	8180	6950	-	-	5840	5250		
600/55-22.5	20	620 24.4	1250 49.2	547 21.5	3618 142.4	12 165A8/161B 152A8/149B	2.75	-	5040	4280	-	-	3600	3240	-	7210	6130	-	-	5150	4640		
						40	-	11110	9440	-	-	7940	7140	-	15900	13510	-	-	11350	10230			
						16 170A8/167B 158A8/154B	3.5	-	5880	5000	-	-	4200	3780	-	8400	7140	-	-	6000	5400		
						51	-	12960	11020	-	-	9260	8330	-	18520	15740	-	-	13230	11910			
380/55-17IMP (15/55-17IMP)	13 12	391	852	384	2516	12	2.8	-	3300	2808	-	-	2360	2124	-	2310	1964	-	-	1650	1485		
		15.4	33.5	15.1	99.1	138A8/125A8	41	-	7275	6191	-	-	5203	4683	-	5093	4330	-	-	3638	3274		
500/55-20	16	503	1058	464	3073	10	2.4	5528	4690	3987	3940	3518	3350	3015	5546	3300	2808	2775	2478	2360	2124		
		19.8	41.7	18.3	121	150A8/130A8	35	12187	10340	8790	8686	7756	7385	6647	12227	7275	6191	6118	5463	5203	4683		

FRONTS & IMPLEMENTS

Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load Index	Infl. ess.	Recommended Load, kg (lbs)																			
								Speed, km/h (mph)																			
		SW	OD					mm	mm	Symbol	bar psi	Drive Wheel								Free rolling							
												Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31
14.0/65-16 (360/65-16)	11	357	874	370	2515	150A8	4	5546	3300	-	-	2808	2643	2360	2124	5528	4690			3987	3752	3350	3015				
		14.1	34.4	14.6	99	138A8	58	12230	7280	-	-	6190	5830	5200	4680	12190	10340	8790	8270	7390	6650						
14.0/65-16 (360/65-16)IMP	W11	357	874	388	2590	14	4	-	2520	-	-	2142	2016	1800	1620	-	3605	-	-	3064	2884	2575	2318				
		14.1	34.4	15.3	102	141A8 128A8	58	-	5556	-	-	4722	4445	3968	3571	-	7948	-	-	6755	6358	5677	5110				
340/55-16IMP	11 16	340	780	352	2309	12	3.2	3408	2030	1929		1726	1624	1450	1305	3399	2880	2740	-	2451	2307	2060	1854				
		13.4	30.7	13.9	90.9	A8	46	7510	4480	4250		3810	3580	3200	2880	7490	6350	6040	-	5400	5090	4540	4090				
400/60-15.5	AG13.0015.5 1315.5 SDC1315.5	404	874	369	2646	14	3.6	4700	2800	2520	2352	2100	2000	1800	4785	4060	3654	3410	3045	2900	2610	-	-				
		15.9	34.4	14.5	104.2	145A8 132A8	52	10360	6170	5560	5190	4630	4410	3970	10550	8950	8060	7520	6710	6390	5750	-	-				
480/45-17	16	491	866	400	2595	10	2.25	-	2450	-	-	2083	-	1750	1575	-	3500	-	-	2975	2500	-	2250				
		19.3	34.1	15.7	102.2	140A8 127A8	33	-	7716	-	-	6559	-	5512	4960	-	5401	-	-	4592	3858	-	3472				
480/45-17IMP (19.0/45-17IMP)	16.0017 SDC1617	404	874	388	2646	14	3.6	7050	4200	3780	3528	3150	3000	2700	3498	2970	2671	2493	2226	2120	1908	-	-				
		15.9	34.4	15.3	104.2	134A8 146A8	52	15540	9260	8330	7780	6950	6610	5950	7710	6550	5890	5500	4910	4670	4210	-	-				

Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load Index	Infl. ess.	Recommended Load, kg (lbs)															
		Speed, km/h (mph)																					
		Drive Wheel								Free rolling													
		SW	OD			Symbol		bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	Static	10 6	15 9	20 12	25 16	30 19	40 25
		mm	mm	mm	mm		Static		10 6	15 9	20 12	25 16	30 19	40 25	50 31	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31
in	in	in	in																				
500/50-17 IMP	16 17	500	960	442	2884	14 149A8	2.8	3140	2822	2509	2352	2240	2016	4550	4095	3640	3413	3250	2925	-	-	-	-
		19.7	37.8	17.4	113.5	136A8	41	6920	6220	5530	5190	4940	4450	10030	9030	8030	7520	7170	6450	-	-	-	-
		500	960	435	2840	18 154A8	3.5	-	5250	-	-	4463	-	3750	3375	-	3610	-	-	3064	-	2575	2318
		19.7	37.8	17.1	111.8	141A8	51	-	11574	-	-	9839	-	8267	7441	-	7959	-	-	6755	-	5677	5110
500/55-20	16	503	1058	464	3073	10 150A8	2.4	5546	3300	2808	2775	2478	2360	2124	5528	4690	3987	3940	3518	3350	3015	-	-
		19.8	41.7	18.3	121	138A8	35	12230	7280	6190	6120	5460	5200	4680	12190	10340	8790	8690	7760	7390	6650	-	-
		503	1058	478	3063	12 155A8	3.25	6404	3820	3243	3204	2861	2725	2453	6394	5430	4611	4557	4069	3875	3488	-	-
		19.8	41.7	18.8	120.6	143A8	47	14120	8420	7150	7060	6310	6010	5410	14100	11970	10170	10050	8970	8540	7690	-	-
400/70-20 (16.0/70-20)	13 14	408	1075	476	3112	12	3	-	4830	-	-	4106	-	3450	3105	-	3400	-	-	2892	-	2430	2187
		16.1	42.3	18.7	122.5	151A8 139A8	44	-	10648	-	-	9052	-	7606	6845	-	7496	-	-	6376	-	5357	4822

381



Alliance 381 is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces like grasslands, which require optimized soil and plant protection. The unique rib type pattern, together with rounded shoulders and more aggressive lugs, enables maximum possible tires footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable strong grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)									
		Speed, km/h (mph)															
		Mixed Application															
		SW	OD														
		mm	mm	mm	mm		bar	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 43
		in	in	in	in		psi										
IF240/80R15	8	245	765	346	2319	125D	3.6	3795	2970	2855	2607	2492	2244	1997	1766	1650	1502
		9.6	30.1	13.6	91.3		52	8370	6550	6290	5750	5490	4950	4400	3890	3640	3310
IF265/85R15	8	274	832	371	2507	129D	3.3	4255	3330	3201	2923	2794	2516	2239	1980	1850	1684
		10.8	32.8	14.6	98.7		48	9380	7340	7060	6440	6160	5550	4940	4370	4080	3710
560/45R22.5IMP	AG16.00	540	1080	484	3294	146D	2.8	6900	5400	5190	4740	4530	4080	3630	3210	3000	2730
		21.3	42.5	19.1	129.7		41	15210	11910	11440	10450	9990	9000	8000	7080	6610	6020

351



Alliance 351 is an implement tire with five-ribs designed for on and off road implement and trailer applications. The tire can be mounted on drive wheels for best performance in soft and dry conditions.



Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load Index	Infl. ess.	Recommended Load, kg (lbs)									
		Speed, km/h (mph)															
		Drive Wheel						Free rolling									
		mm	mm	mm	mm	Symbol	bar psi	10 6	25 16	30 19	40 25	50 31	10 6	25 16	30 19	40 25	50 31
in	in	in	in														
11.25-24SL	W10H	325	1171	530	3446	8	2.2	1750	1488	1400	1250	1125	2520	2142	2016	1800	1620
		12.8	46.1	20.9	135.7	128A8 116B	32	3860	3280	3090	2760	2480	5560	4720	4450	3970	3570
11.25-28	W10	325	1273	580	3961	12	3.3	3402	2892	2722	2430	2187	2380	2023	1904	1700	1530
		12.8	50.1	22.8	155.9	139A8 126A8	48	7500	6380	6000	5360	4820	5250	4460	4200	3750	3370

FLOTATION 331

I-3



Alliance 331 Heavy Duty Flotation tread design is basically a traction profile with good self cleaning characteristics suitable for on/off road agricultural service on tractors, cross country vehicles, trailers and agricultural implements. High load carrying capacity and low inflation pressure are the main characteristics of this tire. Strong nylon construction and compounds ensure long tire life. Some sizes feature special compounds or steel belts for superior performance as required by the application.



Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load Index	Infl. ess.	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		Drive Wheel						Free rolling							
		SW	OD					10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
mm	mm	mm	mm			bar psi									
in	in	in	in												
38x18.00-20	W14L W14LH	456	991	438	2890	12PR	3.7	1890	1450	1330	1250	2640	2030	1860	1750
		18	39	17.2	113.8	129A8 127B 118A8 116B	54	4170	3200	2930	2760	5820	4480	4100	3860
42x25.00-20	20.50VF	622 24.5	1080 42.5	480 18.9	3160 124.4	10PR 132A8 10PR 132A8FR 130BFR 120A8DR 118B 130B 120A8	3.1	2340	1800	1640	1550	3290	2530	2310	2180
							45	5160	3970	3620	3420	7250	5580	5090	4810
48x25.00-20	20.50VF	635 25	1245 49	548 21.6	3620 21.6	10PR 146A8 144B 133A8 131B	2.4 35	2940 6480	2260 4980	2070 4560	1950 4300	4230 9330	3250 7170	2970 6550	2800 6170
						12PR 151A8 149B 139A8 137B	3.1 45	3470 7650	2670 5890	2440 5380	2300 5070	4910 10830	3770 8310	3450 7610	3250 7170
48x31.00-20	26.00VF	775 30.5	1245 49	550 21.7	3630 142.9	10PR 144A8 142B 142B 131A8 129B 12PR 150A8 148B 138A8 136B	2.1 30	2790 6150	2150 4740	1960 4320	1850 4080	4000 8820	3070 6770	2810 6200	2650 5840

329

R-3



The Alliance 329 is a diamond tread design tire built with a strong nylon construction. Its wide and extended tread protects shoulders and sidewalls against cutting and side snagging. The special cut and chip resistant compound, heat resistant compound and the tire's strong nylon construction provide long life to the tire.



Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load Index	Infl. ess.	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		Drive Wheel						Free rolling							
		SW	OD					10 6	25 16	40 25	50 31	10 6	30 19	40 25	50 31
		mm	mm	mm	mm	Symbol	bar psi								
in	in	in	in												
13.50-16.1SL	11					10	2.8	2170	1840	1550	1400	3140	2670	2240	2020
						136A8/132B 123A8/120B	41	4780	4060	3420	3090	6920	5890	4940	4450
		353 13.9	1021 40.2	450 17.7	2970 116.9	8	2.2	1900	1620	1360	1220	2730	2320	1950	1760
						131A8/127B 119A8/115B	32	4190	3570	3000	2690	6020	5120	4300	3880

TracPRO 348 has a modern curved design developed mainly for the heavy duty agricultural segment. The multi angled lug design enables smooth riding on the road and displays excellent traction during field operations. The special stepped surfaces between lugs enable the tire to have excellent self cleaning characteristics. The special tread compound provides protection against cuts and cracks.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)								
								Speed, km/h (mph)								
		Tractor Applications														
		SW	OD													
		mm	mm	mm	mm		bar	Static	5	10	15	20	25	30	35	40
		in	in	in	in	psi		3	6	9	12	16	19	22	25	
6.00-16	4.50E	168	754	360	2319	8	4.5	1540	-	940	-	800	-	670	-	600
		6.6	29.7	14.2	91.3	94A6	65	3400	-	2070	-	1760	-	1480	-	1320
9.5-24	W8	242	1055	508	3201	12	4.2	3680	-	2240	-	1920	1710	1600	-	1440
		9.5	41.5	20	126	124A6	61	8110	-	4940	-	4230	3770	3530	-	3180
16.9-28	W15L	429	1435	645	4220	12	2.5	6270	4630	3820	3540	3270	2920	2725	2590	2450
		16.9	56.5	25.4	166.1	143A6	36	13820	10210	8420	7800	7210	6440	6010	5710	5400
16.9-30	W15L DW15A	429	1485	667	4370	12	2.4	6440	-	3920	3640	3360	3000	2800	2660	2520
	W14L DW14A	16.9	58.5	26.3	172	144A6	35	14200	-	8640	8030	7410	6610	6170	5860	5560

319



Alliance 319 (Agricultural Implement) is a super low-section implement tire designed for all on road and off-the-road applications. Its strong nylon construction guards against moisture deterioration and ensures best performance.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD				Drive Wheel				Free Rolling						
		mm	mm				mm	mm	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
		in	in	in	in												
15.0/55-17	13	391 15.4	850 33.5	373 14.7	2470 97.2	10 133A8	2.6 38	2030 4480	1730 3810	1450 3200	1310 2890	2880 6350	2450 5400	2060 4540	1850 4080		
						129B											
						121A8											
						118B											
						14											
						140A8	3.6 52	2450 5400	2080 4590	1750 3860	1580 3480	3500 7720	2980 6570	2500 5510	2250 4960		
						136B											
						127A8											
						124B											

324

R-1



Alliance 324 drive wheel is a heavy duty tractor tire for all types of heavy services. The 45 degree self-cleaning deep lugs are especially designed to provide high traction and long life under hard working conditions, including on-the-road service. A strong nylon carcass ensures full power transmission, as well as good resistance to mechanical failures and moisture deterioration.



Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load Index	Infl. ess.	Recommended Load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
				Drive Wheel							Free rolling										
		mm	mm	mm	mm	Static	10 6	15 9	20 12	25 16	30 19	40 25	Static	10 6	15 9	20 12	25 16	30 19	40 25		
in	in	in	in	psi																	
7.50-16	5.50F	205	805	376	2440	8	3.7	-	1440	-	1277	1198	1120	1008	-	1000	-	884	829	775	698
		8.1	31.7	14.8	96.1	112A6(108A8) 99A6(96A8)	54	-	3175	-	2815	2641	2469	2222	-	2205	-	1949	1828	1709	1539
7.00-18	5.50F	178	803	350	2345	6	2	-	-	2000	-	1660	1550	1400	-	-	1440	-	1200	1120	1010
		7	31.6	13.8	92.3	123A6(120A8) 112A6(108A8)	29	-	-	4409	-	3660	3417	3086	-	-	3175	-	2646	2469	2227
16.5/85-28	W13	417	1423	675	4312	12	2.8	-	6289	-	5899	5558	4875	4388	-	4451	-	4175	3933	3450	3105
		16.4	56	26.6	169.8	163A6(159A8) 151A6(148A8)	41	-	13865	-	13005	12253	10748	9674	-	9813	-	9204	8671	7606	684
15.5/80-24	W12	380	1240	554.8	3833	12	3	6806	5320	4991	4703	-	4125	3713	6815	3740	3509	3306	-	2900	2610
		15	48.8	21.8	150.9	157A6/154A8 145A6/142A8	44	15005	11729	11003	10368	-	9094	8186	15024	8245	7736	7288	-	6393	5754

AGRIFLEX+ 393 XT

SB

STEEL BELTED



Alliance 393 XT is our Steel Belted Radial Flotation Tire for Agricultural Transport. Engineered to meet the demands of heavy-duty agri-transport operations with a robust design, our tires ensure high load-carrying capacity and maximize productivity. A directional block pattern with spaced grooves between the blocks guarantees efficient self-cleaning and maintains optimal traction both in the field and on the road. It also enhances riding comfort, making long hours in the field more bearable. Constructed with steel-belted radial technology, our tires offer longer life and lower downtime, ensuring your equipment runs smoothly for extended periods.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		SW	OD	Mixed application											
		mm	mm	mm	mm		bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40
		in	in	in	in										
VF900/65R32 (VF35.5LR32)	DW30B	917	1983	840.8	5978	200D	3.2	28560	22960	21280	19740	18060	16380	14840	14000
		36.1	78.1	33.1	235.4		46	62964	50618	46914	43519	39815	36112	32717	30865

IRRIGATION

768

F-2



768 Irrigation has ideally spaced 23-degree lugs for superior traction in irrigation use. Strong and wide lugs provide high traction due to larger ground contact. Strong sidewall construction and high nylon carcass minimize mechanical failure and moisture deterioration.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Mixed Application					
		mm in	mm in	mm in	mm in		psi	Static	10 6	20 12	30 19	40 25	50 31
12.4-24	W11	315	1160	532	3461	4	1.1	2190	1430	1170	1020	950	860
		12.4	45.7	21	136.3	106A8	16	4830	3150	2580	2250	2090	1900

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Tractor application						
				mm	mm		mm	mm	bar	Static	10 6	20 12	25 16	30 19
in	in	in	in	psi										
195/65-15	7	204	658	306	1987	8	3.2	1495	975	800	722	696	650	592
		8	25.9	12	78.2		46	3300	2150	1760	1590	1530	1430	1310
11.2-24	W10 W9	284	1105	503	3303	6	1.8	2440	1480	1270	1130	1060	950	-
		11.2	43.5	19.8	130	110A6	26	5380	3260	2800	2490	2340	2090	-
14.9-24	W13 W12	378	1250	568	3760	6	1.4	3128	2040	1673	1510	1455	1360	-
		14.9	49.2	22.4	148	119A8	20	6900	4500	3690	3330	3210	3000	-
14.9-24	W13 W12	382	1248	562	3668	8	1.8	4140	2700	1998	1926	1800	1638	-
		15	49.1	22.1	144.4	128A8	26	9130	5950	4410	4250	3970	3610	-
11.2-38	W10	284	1459	678	4390	4	1.2	2185	1425	1169	1017	950	865	-
		11.2	57.4	26.7	172.8	106A8	17	4820	3140	2580	2240	2090	1910	-
11.2-38	W10	284	1459	678	4390	6	1.8	2714	1770	1451	1310	1263	1180	-
		11.2	57.4	26.7	172.8	114A8	26	5980	3900	3200	2890	2780	2600	-

778

R-1S



Alliance 778 is a Bias non-directional zero-degree lug tire, specially designed for the extra traction required for the Irrigation application. The unique design enables the movement of the fitment in forward and reverse directions, enabling ease of usage. The tread pattern consists of a tie bar at the center, which provides improved traction and life over a conventional 0-degree lug design. special ozone compound prevents the tire from cracking, Ozone cracking in turn increasing the tire life



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
								Irrigation	
		mm in	mm in	mm in	mm in		psi	Creep	10 6
290/85D24 (11.2-24)	W10	284	1100	475	2982	116A2	1.6	1600	1250
		11.2	43.3	18.7	117.4	124 CREEP	23	3530	2760
380/85D24 (14.9-24)	W13	390	1256	535	3361	137A2	1.8	2900	2300
		15.4	49.4	21.1	132.3	145CREEP	26	6393	5071
290/85D38 (11.2-38)	W10	284	1455	650	4087	124A2	1.6	2000	1600
		11.2	57.3	25.6	160.9	132 CREEP	23	4410	3530

ROW CROP



AGRIFLEX+ 363 XT

R-1



Agriflex+ 363 XT Very Improved Flexion (VF) is a tire for modern methods of field spraying. It is an optimal tire for heavy and high-speed self-propelled sprayers. The VF tire construction enables working with high tire deflection, providing up to 40% higher load-carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. The large number of blocks and high rubber-to-void tread ratio, ensure long tread life, comfort, and low rolling resistance during transport operation on hard surfaces. Also improved pattern continuity ensures lower variance leading to low vibration and better riding comfort. A large tire footprint area provides high traction, reduces fuel costs, and minimizes soil compaction. The steel belted carcass structure ensures uniform ground pressure, puncture protection, and extended tread life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended Load											
								Speed, km/h (mph)											
		SW	OD	Tractor application										Cyclic Operation					
				mm in	mm in		mm in	mm in	bar psi	10	15	20	25	30	40	65	70	bar	10
										6	9	12	16	19	25	40	43	psi	6
VF270/95R36	W9	270	1428	655.1	4215	140D	2.4	2750	2630	2600	2580	2550	2500	2500	2280	3.2	3500		
		10.6	56.2	25.8	165.9		35	6063	5798	5732	5688	5622	5512	5512	5027	46	7716		
VF270/95R38	W10	280	1479	684.3	4473	141D	2.4	2830	2700	2680	2650	2630	2575	2575	2340	3.2	3610		
		11	58.2	26.9	176.1		35	6239	5952	5908	5842	5798	5677	5677	5159	46	7959		
VF230/95R48	W8	233	1657	783.3	5073	146D	3.6	3300	3150	3120	3090	3060	3000	3000	2730	4.4	4200		
		9.2	65.2	30.8	199.7		52	7275	6945	6878	6812	6746	6614	6614	6019	64	9259		
VF320/90R50	W11 W10	323	1846	861.7	5634.4	166D	4.4	5830	5570	5510	5460	5410	5300	5300	4820	5.2	7420		
		12.7	72.7	33.9	221.8		64	12853	12280	12147	12037	11927	11684	11684	10626	75	16358		
VF270/95R54	W10	280	1885	889	5732	156D	3.6	4400	4200	4160	4120	4080	4000	4000	3640	4.4	5600		
		11	74.2	35	225.7		52	9700	9259	9171	9083	8995	8818	8818	8025	64	12346		
VF320/90R54	W11	323	1948	907.9	5964.1	168D	4.4	6160	5880	5820	5770	5710	5600	5600	5100	5.2	7840		
		12.7	76.7	35.7	234.8		64	13580	12963	12831	12721	12588	12346	12346	11244	75	17284		
VF320/105R54	DW11 W11	326	2044	936.3	6217	172D	4.4	6930	6620	6550	6490	6430	6300	6300	5730	5.2	8820		
	DW10 W10	12.8	80.5	36.9	244.8		64	15278	14595	14440	14308	14176	13889	13889	12632	75	19445		
VF380/90R54	W13	386	2056	952	6226.9	176D	4.4	7810	7460	7380	7310	7240	7100	7100	6460	5.2	9940		
		15.2	80.9	37.5	245.2		64	17218	16446	16270	16116	15961	15653	15653	14242	75	21914		

The advanced 354 AGRIFLEX+ Very High Flexion (VF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry upto 40% more at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires, these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. Agriflex+ 354 gives a large tire footprint area for high traction, reduces fuel costs and increases overall productivity and provides high puncture protection and uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pres- sure	Recommended Load, kg (lbs)									
		Speed, km/h (mph)										Inflation Pressure	Cyclic Operation				
		Not high and sustained torque; Road transport															
		SW	OD					mm	mm	mm	mm			bar	10	15	20
in	in	in	in	in	in	psi	6	9	12	16	19	25	40	43	psi	6	
VF380/80R38	W13	388	1595	731.4	4809.4	167D	4.4	6000	5720	5670	5610	5560	5450	4960	5.2	7630	
	W12	15.3	62.8	28.8	189.3		64	13228	12610	12500	12368	12258	12015	10935	75	16821	
VF320/90R46	W11	320	1744	807.9	5271	165D	4.4	5670	5410	5360	5300	5250	5150	4690	5.2	7210	
	W10	12.6	68.7	31.8	207.5		64	12500	11927	11817	11684	11574	11354	10340	75	15895	
VF420/80R46	W13	418	1840	833.1	5518	172D	4	6930	6620	6550	6490	6430	6300	5730	4.8	8820	
		16.5	72.4	32.8	217.2		58	15278	14595	14440	14308	14176	13889	12632	70	19445	
VF520/85R46	DW18L	535	2052	906.6	6039.5	173D	2	7150	6830	6760	6700	6630	6500	5920	2.8	9100	
		21.1	80.8	35.7	237.8		29	15763	15058	14903	14771	14617	14330	13051	41	20062	
VF320/90R50	W11	315	1846	860	5687.7	166D	4.4	5830	5570	5510	5460	5410	5300	4820	5.2	7420	
	W10	12.4	72.7	33.9	223.9		64	12853	12280	12147	12037	11927	11684	10626	75	16358	
VF380/105R50	W13	399	2052	936.2	6306.6	179D	4.4	8530	8140	8060	7980	7910	7750	7050	5.2	10850	
	W12	15.7	80.8	36.9	248.3		64	18805	17946	17769	17593	17439	17086	15543	75	23920	
VF420/95R50	W14L	425	2052	927.9	6104.2	177D	3.6	8030	7670	7590	7520	7450	7300	6640	4.4	10220	
	W13	16.7	80.8	36.5	240.3		52	17703	16909	16733	16579	16424	16094	14639	64	22531	
VF480/80R50	DW16L	479	2045	930	6046	171D	2.4	6770	6460	6400	6330	6270	6150	5600	3.2	8610	
	DW15L	18.9	80.5	36.6	238		35	14925	14242	14110	13955	13823	13558	12346	46	18982	
VF480/80R50	DW16L	487	2045	933.4	6056	179D	3.6	8530	8140	8060	7980	7910	7750	7050	4.4	10850	
	DW15L	19.2	80.5	36.7	238.4		52	18805	17946	17769	17593	17439	17086	15543	64	23920	
VF480/80R50	DW16L	487	2045	936.4	6088	181D	4	9080	8660	8580	8500	8420	8250	7510	4.8	11550	
	DW15L	19.2	80.5	36.9	239.7		58	20018	19092	18916	18739	18563	18188	16557	70	25463	
VF480/95R50	DW16L	485	2187	976.9	6511.3	176D	2.4	7810	7460	7380	7310	7240	7100	6460	3.2	9940	
	DW15L	19.1	86.1	38.5	256.4		35	17218	16446	16270	16116	15961	15653	14242	46	21914	
VF320/90R54	W11	320	1950	906.3	5989.6	168D	4.4	6160	5880	5820	5770	5710	5600	5100	5.2	7840	
	W10	12.6	76.8	35.7	235.8		64	13580	12963	12831	12721	12588	12346	11244	75	17284	
VF320/105R54	W11	325	2040	944.9	6328	172D	4.4	6930	6620	6550	6490	6430	6300	5730	5.2	8820	
	W10	12.8	80.3	37.2	249.1		64	15278	14595	14440	14308	14176	13889	12632	75	19445	
VF320/105R54	W11	325	2040	948	6233.6	175D	4.8	7590	7250	7180	7110	7040	6900	6280	5.6	9660	
	W10	12.8	80.3	37.3	245.4		70	16733	15983	15829	15675	15521	15212	13845	81	21297	

AGRIFLEX+ 363

R-1

SB

STEEL
BELTED

SG

STUBBLE
GUARD



SPRAYER



MFWD



Agriflex+ 363 Very High Flexion (VF) is a tire for modern methods of field spraying. It is an optimal tire for heavy and high-speed self-propelled sprayers. The VF tire construction enables working with high tire deflection, providing up to 40% higher load-carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. The large number of blocks and high rubber-to-void tread ratio, ensure long tread life, comfort, and low rolling resistance during transport operation on hard surfaces. A large tire footprint area provides high traction, reduces fuel costs, and minimizes soil compaction. The steel belted carcass structure ensures uniform ground pressure, puncture protection, and extended tread life.

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR	Infl. press.	Recommended Load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
				Tractor Application								Cyclic Operation							
				mm	mm	mm	mm	mm	mm	mm	mm	bar	10	15	15				
				in	in	in	in	in	in	in	in	psi	6	9	12	16	19	25	40
VF480/80R50CFO	DW16L	479	2038	931.7	6153	181D	4	9080	8660	8580	8500	8420	8250	8250	7510	4	9360	11180	
	DW15L	18.9	80.2	36.7	242.2		58	20018	19092	18916	18739	18563	18188	16557	58	20635	24648		
VF480/80R50CFO	DW16L	487	2047	934.9	6201	185D	4.6	10180	9710	9620	9530	9440	9250	9250	8420	4.6	10500	12530	
	DW15L	19.2	80.6	36.8	244.1		67	22443	21407	21208	21010	20812	20393	20393	18563	67	23149	27624	

FORESTRY



NOTES

LOG SKIDDER



345 FORESTAR

LS-2

SC
SPECIAL
COMPOUND

SB
STEEL
BELTED



Alliance 345 Forestar is a bias belted tire with steel reinforcement for high puncture resistance. The tire uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip. Its wide inter-lug space gives self cleaning characteristics which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 345 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)								
		Speed, km/h (mph)									Infl. press.	cable/ grapple skidders				
		Log Skidder Application														
		SW	OD					mm in	mm in	mm in			mm in	bar psi	Static	10 6
23.1-26	DW20B	587	1610	750	4862	16	2.4	12150	-	5400	-	4950	4500	4050	2.75	6300
		23.1	63.4	29.5	191.4	160A6	35	26790	-	11910	-	10910	9920	8930	40	13890
28L-26	DW25B	715	1638	750	4900	16	2.1	12830	7130	5700	5460	5230	4750	4280	2.4	6700
		28.1	64.5	29.5	192.9	162A6/174A2	30	28290	15720	12570	12040	11530	10470	9440	35	14770
460/85-26 (18.4-26)	DW16A	467	1445	668	4316	16	2.75	9590	5330	4260	4080	3910	3550	3200	3.1	4750
		18.4	56.9	26.3	169.9	152A6	40	21140	11750	9390	9000	8620	7830	7060	45	10470
DH35.5L-32	DH31H	902	2011	900	5749	26	2.4	23630	13130	10500	10060	9630	8750	7880	2.8	12150
		35.5	79.2	35.4	226.3	183A6	35	52100	28950	23150	22180	21230	19290	17370	41	26790
460/85-34 (18.4-34)	DW16A	467	1656	772	4972	16	2.75	10130	5630	4500	4310	4130	3750	3380	3.1	5450
		18.4	65.2	30.4	195.7	154A6	40	22330	12410	9920	9500	9110	8270	7450	45	12020
18.4-38	DW16A	467	1757	831	5404	16	3.1	10460	5810	4650	4460	4260	3875	3490	3.4	6150
		18.4	69.2	32.7	212.8	155A6	45	23060	12810	10250	9830	9390	8540	7690	49	13560
24.5-32	DW21	622	1817	835	5350	20	2.75	16200	9000	7200	6900	6600	6000	5400	3.1	8500
		24.5	71.5	32.9	210.6	169A6	40	35720	19840	15870	15210	14550	13230	11910	45	18740

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)					
		Speed, km/h (mph)											
		Log Skidder Application											
		SW	OD										
		mm in	mm in	mm in	mm in		bar psi	Static	15 9	20 12	25 16	30 19	40 25
460/85-30 (18.4-30)	DW16A	470	1547	717	4636	16	2.75	9860	4380	4200	4020	3650	3290
		18.5	60.9	28.2	182.5	153A6	40	21740	9660	9260	8860	8050	7250

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					mm in	mm in	Static	15 9	25 16
28L-26	DW25B	715	1638	750	4900	20	2.4	13910	6180	5670	5150	4640
		28.1	64.5	29.5	192.9	165A6/177A2	35	30670	13630	12500	11350	10230

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)					
		Speed, km/h (mph)											
		Logging and Forestry Service						Cable or Grapple Skidder Service					
		mm in	mm in					mm in	mm in	bar psi	15 9	25 16	30 19
16.9-30	DW15A W15L	429	1504	696	4508	14	3	3780	3470	3150	2840	8510	4375
	W14L DW14A	16.9	59.2	27.4	177.5	148A6/159A2	44	8330	7650	6950	6260	18760	9650

LS-2 FORESTRY

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)										
		Speed, km/h (mph)							Infl. press.	cable/ grapple skidders								
		Log Skidder Application																
		SW	OD	mm in	mm in		mm in	mm in			Static	15 9	25 16	30 19	40 25	bar psi	10 6	
18.4-26	DW16A	467 18.4	1445 56.9	663 26.1	4310 169.7	10PR 141A6 153A2	1.8	6970	3100	2840	2580	2320	2.1	3610				
						14PR 148A6 159A2	26	15370	6830	6260	5690	5120	30	7960				
						2.5	8510	3780	3470	3150	2840	2.9	4410					
						36	18760	8330	7650	6950	6260	42	9720					
						2.75	9590	4260	3910	3550	3195	-	-					
						40	21140	9390	8620	7830	7040	-	-					
23.1-26	DW20x26	345 24	1610 63.4	750 29.5	4862 191.4	10PR 149A6 160A2	1.4	8780	3900	3580	3250	2930	1.7	4550				
						20	19360	8600	7890	7170	6460	25	10030					
						14PR 157A6 169A2	2.1	11140	4950	4540	4125	3710	2.4	5780				
						30	24560	10910	10010	9090	8180	35	12740					
						16PR 160A6 172A2	2.4	12150	5400	4950	4500	4050	2.75	6240				
						35	26790	11910	10910	9920	8930	40	13760					
28L-26	DW25A	715 28.1	1638 64.5	746 29.4	4861 191.4	12PR 154A6 166A2	1.4	10130	4500	4130	3750	3380	1.7	5250				
						20	22330	9920	9110	8270	7450	25	11570					
						16PR 160A6 172A2	1.9	12260	5450	4990	4540	4090	2.3	6360				
						28	27030	12020	11000	10010	9020	33	14020					
						20PR 165A6 177A2	2.4	13910	6180	5670	5150	4640	2.8	7210				
						35	30670	13630	12500	11350	10230	41	15900					
18.4-30	DW16A	470 18.5	1547 60.9	723.5 28.5	4992 196.5	26PR 173A6 184A2	3.4	17550	7800	7150	6500	5850	3.8	9100				
						49	38690	17200	15760	14330	12900	57	20060					
						14PR 149A6 160A2	2.5	8780	3900	3580	3250	2930	-	4550				
						36	19357	8598	7893	7165	6460	-	10031					
						622 24.5	1817 71.5	833 32.8	5450 214.6	16PR 164A6 176A2	2.1	13500	6000	5500	5000	4500	2.4	7000
						30	29760	13230	12130	11020	9920	35	15430					
24.5-32	DW21A	622 24.5	1817 71.5	835 32.9	5350 210.6	20PR 169A6 181A2	2.8	15660	6960	6380	5800	5220	3.1	8250				
						41	34520	15340	14070	12790	11510	45	18190					
						12PR 162A6 174A2	1.4	12830	5700	5230	4750	4280	1.7	6650				
						20	28290	12570	11530	10470	9440	25	14660					
30.5L-32	DW27A DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	16PR 166A6 178A2	1.7	14310	6360	5830	5300	4770	2.05	7420				
						25	31550	14020	12850	11680	10520	30	16360					
						18PR 170A6 181A2	2.05	16200	7200	6600	6000	5400	2.5	8500				
						30	35720	15870	14550	13230	11910	35	18190					
						20PR 171A6 182A2	2.15	16610	7380	6770	6150	5540	2.5	8500				
						31	36620	16270	14930	13560	12210	36	18740					
						26PR 176A6 188A2	2.75	19170	8520	7810	7100	6390	3.1	10000				
						40	42260	18780	17220	15650	14090	45	22050					
						20PR 177A6 189A2	1.8	19710	8760	8030	7300	6570	2.15	10300				
						26	43450	19310	17700	16090	14480	31	22710					
35.5L-32	DH31	896 35.3	2010 79.1	919 36.2	5979 235.4	26PR 183A6 195A2	2.4	23630	10500	9630	8750	7880	2.8	12150				
						35	52100	23150	21230	19290	17370	41	26790					

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Log Skidder Application					
							mm in	mm in	mm in	mm in	bar psi	Static	15 9
18.4-34	DW16A	467 18.4	1656 65.2	768 30.2	4971 195.7	10PR	1.8	7530	3350	3070	2790	2510	
						144A6	26	16600	7390	6770	6150	5530	
						155A2							
						14PR	2.5	9050	4020	3690	3350	3020	
						150A6	36	19950	8860	8140	7390	6660	
						162A2							
						16PR	2.75	10130	4500	4130	3750	3375	
						154A6	40	22330	9920	9110	8270	7440	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		Drive wheel													
		SW mm in	OD mm in	mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19	40 25	10*HT 6*HT	10*LT 6*LT	
28L-26	DW25A	715	1638	760	5073	20PR	2.4	11850	7210	6180	5510	5150	4640	2.8	7300
		28.1	64.5	29.9	199.7	165A6 177A2	35	26125	15895	13625	12147	11354	10229	6	16094

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)						
								Speed, km/h (mph)						
		Log Skidder Application					Forestry use							
		SW mm in	OD mm in	mm in	mm in	bar psi	Static	15 9	25 16	30 19	40 25	10*HT 6 *HT	10*LT 6*LT	
35.5L-32	DH31B	896	2010	919	5979	20PR	1.7	17160	8830	7810	7300	6570	2	10300
		35.3	79.1	36.2	235.4	177A6 189A2	25	37831	19467	17218	16094	14484	4	22708

FORWARDER & HARVESTER



643 FORESTAR III

LS-2

SC

SB

SPECIAL
COMPOUND

STEEL
BELTED



Forestar 643 III is designed to deliver the ultimate track compatibility. Even without tracks it provides exceptional grip under critical forestry conditions. Outstanding stability, excellent self-cleaning and resilient construction make it the perfect solution for all the forestry needs. Compatible with Tracks.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)					
								Speed, km/h (mph)					
		Drive wheel						Forestry use					
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT
710/40-22.5	AG 24.00	690	1166	544	3541	20	5	12490	5690	4950	4625	4625	5690
		27.2	45.9	21.4	139.4	161A8 168A2	73	27540	12540	10910	10200	10200	12540
710/40-24.5	AG24.00	710	1230	564	3726	20	5	11210	6000	5220	4875	4875	6000
		28	48.4	22.2	146.7	163A8 170A2	73	24714	13228	11508	10748	10748	13228
710/45-26.5	AG24.00	710	1340	629	4064	20	5	15120	6890	5990	5600	5600	6890
		28	52.8	24.8	160	168A8 175A2	73	33330	15190	13210	12350	12350	15190
		710	1340	629	4017	24	6	17550	8000	6960	6500	8000	-
		28	52.8	24.8	158.1	173A8	87	38690	17640	15340	14330	17640	-

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)					
								Speed, km/h (mph)					
		Forestry Use						Road Service					
		SW mm in	OD mm in	mm in	mm in		bar psi	10*LT 6*LT	Static	20 12	30 19	40 25	
750/55-26.5	AG24.00	750	1490	689	4565	24 182A8	6	8500	22950	10455	9095	8500	
		29.5	58.7	27.1	179.7	182A2	87	18740	50600	23050	20050	18740	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)				
								Speed, km/h (mph)				
								Log Skidder Application				
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25
780/50-28.5	AG26.00	780	1525	710	4683	24	6	19550	12750	10460	9100	8500
		30.7	60	28	184.4		87	43100	28110	23060	20060	18740

643 FORESTAR III ELIT

LS-2

SC

SB

SPECIAL
COMPOUND

STEEL
BELTED



Alliance 643 Forestar III ELIT, equipped with advanced low pressure technology, enables the user to carry the same load at half the inflation pressure. This technology ensures a wider footprint than usual, protecting the soil against compaction. The wider footprint also provides exceptional grip & traction even without tracks under critical forestry conditions. Excellent self-cleaning, superior grip, and resilient construction makes 643 Forestar III ELIT the perfect solution for all your forestry needs.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)					
		Speed, km/h (mph)											
		Drive wheel						Forestry use					
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT
710/45-26.5	AG24.00	690	1345	606	3926	24 173A8	3	17550	8000	6960	6500	6500	8000
		27.2	53	23.9	154.6	180A2	44	38690	17640	15340	14330	14330	17640

644 FORESTAR III

LS-2

SC

SPECIAL
COMPOUND

SB

STEEL
BELTED



FORESTRY
FORWARDER



FOREST
HARVESTER

Forestar 644 III is specially designed with dual lug angle to provide supreme grip and traction. Sturdy construction ensures exceptional performance under challenging operating conditions. Outstanding resistance against damages assures maximum tire life. Compatible with Tracks.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Forestry use		Recommended load, kg (lbs)			
										Speed, km/h (mph)			
		Drive wheel											
		SW mm in	OD mm in				mm in	mm in	bar psi	10*HT 6 *HT	10*LT 6*LT	Static	20 12
600/50-22.5	20	600	1170	551	3602	20	5	4375	-	11813	5381	4681	4375
		23.6	46.1	21.7	141.8		73	9650	-	26040	11860	10320	9650
600/55-26.5	20	600	1340	629	4102	20	6	6000	7300	16200	7380	6420	6000
		23.6	52.8	24.8	161.5	165A8	87	13230	16090	35720	16270	14150	13230
750/55-26.5	AG24.00	750	1490	685	4517	24	6	8500	-	22950	10455	9095	8500
		29.5	58.7	27	177.8	182A8 189A2	87	18740	-	50600	23050	20050	18740
710/55-28.5	AG24.00	702	1525	710	4646	24	6	8000	-	21600	9840	8560	8000
		27.6	60	28	182.9	180A8 187A2	87	17640	-	47620	21690	18870	17640
600/55-26.5	20	600	1340	629	4102	24	6	6000	7300	16200	7380	6420	6000
		24	52.8	24.6	161.9	170A8 177A2	87	13230	16090	35720	16270	14150	13230
800/40-26.5	AG 28.00	790	1340	622	4105	24	6	7100	8750	19170	8730	7600	7100
		31.1	52.8	24.5	161.6	176A8 183A2	87	15650	19290	42260	19250	16760	15650

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)					
								Speed, km/h (mph)					
						Drive wheel			Forestry use				
		SW mm in	OD mm in	mm in	mm in	bar psi	Static	20 12	30 19	40 25	10*HT 6 *HT	10*LT 6*LT	
710/40-22.5	AG24.00	690	1166	548	3586	20 161A8	5	12490	5690	4950	4625	4625	5690
		27.2	45.9	21.6	141.2	168A2	73	27540	12540	10910	10200	10200	12540
710/40-24.5	AG24.00	710	1230	564	3726	20 163A8 170A2	5	13160	6000	5220	4875	4875	6000
		28	48.4	22.2	146.7	170A2	73	29010	13230	11510	10750	10750	13230
710/45-26.5	AG 24.00	690	1345	608	3964	20 168A8	2.5	15120	6900	6000	5600	5600	6900
		27.2	53	23.9	156.1	175A2	36	33334	15212	13228	12346	12346	15212
710/45-26.5	AG 24.00	690	1340	626	4102	24 173A8	6	17550	8000	6960	6500	6500	8000
		27.2	52.8	24.6	161.5	180A2	87	38690	17640	15340	14330	14330	17640
750/55-26.5	AG24.00	730	1490	656.5	4394	20	2.5	19710	8980	7810	7300	7300	8980
		28.7	58.7	25.8	173	177A8	36	43453	19797	17218	16094	16094	19797
800/40-26.5	AG28.00	780	1340	612	3985	20 170A8	5	16200	7380	6420	6000	6000	7380
		30.7	52.8	24.1	156.9	177A2	73	35720	16270	14150	13230	13230	16270

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)				
		Speed, km/h (mph)										
		Constant Load										
		SW mm in	OD mm in					mm in	mm in	bar psi	Static	10 6
710/45-26.5	AG24.00	695	1345	626	4102	20	5	12880	8400	6890	5990	5600
		27.4	53	24.6	161.5	168A8	73	28400	18520	15190	13210	12350
780/50-28.5	AG26.00	780	1525	705	4102	24	6	19550	12750	10460	9100	8500
		30.7	60	27.8	161.5	182A8	87	43100	28110	23060	20060	18740

346 FORESTAR

LS-2



Forestar 346 Forestry Flotation is a bias belted tire with steel reinforcement for high puncture resistance. The tire has a special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 346 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		Drive wheel						Forestry use							
		SW	OD				mm in	mm in	mm in	mm in	Static	15	25	30	40
		mm in	mm in	9	16	19						25	31	6*HT	6*LT
700/70-34	DW20A	724	1849	858	5702	20	3.2	14950	8710	7220	6960	6500	5920	6500	8000
		28.5	72.8	33.8	224.5	173A8 180A2	46	32960	19200	15920	15340	14330	13050	14330	17640

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		Drive wheel						Forestry use							
		SW	OD	Static	10	20	30	40	10*HT	10*LT					
		mm in	mm in		mm in	mm in	bar psi	6	12	19	31	6*HT	6*LT		
600/65-34	DW20A	600 23.6	1640 64.6	762 30	4927 194	14 157A8 164A2	2.4 35	9490 20920	5780 12740	5070 11180	4410 9720	4125 9090	4125 9090	5070 11180	
						16 160A8 167A2	4.5 65	10350 22820	6300 13890	5540 12210	4820 10630	4500 9920	4500 9920	5450 12020	
						14 161A8 168A2	2.4 35	10640 23460	6480 14290	5690 12540	4950 10910	4625 10200	4625 10200	5690 12540	
						20 171A2	4.5 65	11500 25353	7000 15432	6150 13558	5350 11795	5000 11023	5000 11023	6150 13558	

343 FORESTAR

LS-2



Alliance Forestar 343 Flotation tire represents the most sophisticated design for application in forestry machines such as harvesters and forwarders. This tire is characterized by wide and robust lugs with low angles providing excellent grip on wide range of forestry terrains in addition to the known bogie truck standard design defined by leading track producers. Some of its features are strong steel breakers, basic nylon tire structure, special durable tread compound, high under tread gauge and thick sidewalls.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)				
								Speed, km/h (mph)				
								Log Skidder Application				
		SW	OD					Static	10 6	20 12	30 19	40 25
		mm in	mm in	mm in	mm in		bar psi					
600/50-22.5	AG20.00	585	1163	545	3562	16	3.2	7480	4880	4000	3480	3250
	20.00DC	23	45.8	21.5	140.2	149A8	46	16490	10760	8820	7670	7170
600/55-26.5	AG20.00	600	1340	629	4068	20	5	11850	7730	6330	5510	5150
	20.00DC	23.6	52.8	24.8	160.2	165A8	73	26130	17040	13960	12150	11350
700/50-26.5	AG24.00	710	1340	628	4017	20	5	13800	9000	7380	6420	6000
		28	52.8	24.7	158.1	170A8	73	30420	19840	16270	14150	13230
710/45-26.5	AG24.00	704	1340	628	4112	20	5	12880	8400	6890	5990	5600
	24.00DC	27.7	52.8	24.7	161.9	168A8	73	28400	18520	15190	13210	12350
750/55-26.5	AG28.00	750	1485	692	4536	20	5	16790	10950	8980	7810	7300
	28.00DC	29.5	58.5	27.2	178.6	177A8	73	37020	24140	19800	17220	16090
800/40-26.5	AG28.00	800	1340	631	4097	20	5	13800	9000	7380	6420	6000
	28.00DC	31.5	52.8	24.8	161.3	170A8	73	30420	19840	16270	14150	13230

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
		Speed, km/h (mph)													
		Constant load													
		SW	OD	Drive wheel					Forestry use						
		mm	mm	mm	mm		Static	10 6	20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT		
in	in	in	in												
600/50-22.5	20.00DC	585	1156	536	3562	24	5.5	11500	7000	6150	5350	5000	5000	6000	
		23	45.5	21.1	140.2	164A8	80	25353	15432	13558	11795	11023	11023	13228	
710/40-22.5	24.00DC	710	1170	546	3569	16	3.2	8170	4970	4370	3800	3550	3550	4370	
		28	46.1	21.5	140.5	152A8/159A2	46	18010	10960	9630	8380	7830	7830	9630	
650/45-24.5	22.00DC	640	1230	573.98	3745	20	5	10640	6480	5690	4950	4625	4625	5690	
		25.2	48.4	22.6	147.4		73	23460	14290	12540	10910	10200	10200	12540	
710/40-24.5	24.00DC	710	1235	582	3780	20	5	11210	6830	6000	5220	4875	4875	6000	
		28	48.6	22.9	148.8	163A8/170A2	73	24710	15060	13230	11510	10750	10750	13230	
650/65-26.5	20.00DC	657 25.9	1485 58.5	690 27.2	4464 175.7	16	4	13340	8120	7130	6210	5800	5800	7130	
						169A8/176A2	58	29410	17900	15720	13690	12790	12790	15720	
						20	5	15410	9380	8240	7170	6700	6700	8240	
						174A8/181A2	73	33970	20680	18170	15810	14770	14770	18170	
850/45-26.5	28.00DC	840	1485	690	4462	20	5	18400	11200	9840	8560	8000	8000	9840	
		33.1	58.5	27.2	175.7	180A8/187A2	73	40570	24690	21690	18870	17640	17640	21690	

344 FORESTAR ELIT

HF-2

SC
SPECIAL
COMPOUND

SB
STEEL
BELTED



The advanced Low pressure (LP) 344 designed with improved construction and flexible strong sidewall enable the tire to carry the same load as a STD tire with half the air pressure value. It offers a significantly large footprint leading to low soil compaction and also a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational forest work productivity. The tread pattern enables an excellent grip in all terrains. The tire is equipped with steel reinforcement belt for high puncture resistance. A special tread compound enables long tire life and the reinforced dual bead of the tire and the reduced inflation pressure provides exceptional performance and stability. Its lug angle provides excellent grip and exhibits self-cleaning characteristics. The close spacing of the lugs in the center of the tire reduces rolling resistance on hard surfaces. The 344 is designed to handle various terrains with or without chains or bogie tracks



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		Drive wheel						Forestry use							
		SW	OD					mm in	mm in	mm in	mm in	bar psi	Static	20 12	30 19
		mm in	mm in												
710/45-26.5	AG24.00	710	1340	602	3964	20 168A8	2.5	15120	6890	5990	5600	5600	6900		
		28	52.8	23.7	156.1	175A2	36	33330	15190	13210	12350	12350	15210		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
		SW mm in	OD mm in					Speed, km/h (mph)							
				Constant load											
				Drive wheel					Forestry use						
				Static	10 6		20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT				
710/40-24.5	AG24.00	710	1230	560	3705	20	2.5	11210	6830	6000	5220	4875	4875	6000	
		28	48.4	22	145.9	163A8 170A2	36	24710	15060	13230	11510	10750	10750	13230	
600/55-26.5	AG20.00	600	1330	608	3965	20	2.5	11850	7210	6330	5510	5150	5150	6330	
		23.6	52.4	23.9	156.1	165A8 172A2	36	26130	15900	13960	12150	11350	11350	13960	
750/55-26.5	AG24.00	750	1485	664	4436	20	2.5	16790	10220	8980	7810	7300	7300	8980	
		29.5	58.5	26.1	174.6	177A8 184A2	36	37020	22530	19800	17220	16090	16090	19800	

342

LS-2

SC
SPECIAL
COMPOUNDSB
STEEL
BELTED

Alliance 342 includes the entire forestry flotation radial and relevant forestry tractor sizes. Specific, big and strong tread pattern enables long tread life, excellent traction, grip and reliability while working on slopes. The tread pattern is reinforced by small lugs located on the shoulders. These lugs protect the shoulders from side damages done by stones and branches. The tire is steel reinforced under the tread area to prevent punctures during forestry operations. The special compound used in the tire sidewall structure enables high stability of forestry tractors at high tilt angles. The special rubber compounds used for the tread and sidewall give long, efficient protection from chipping and chunking which are the major concerns in forestry operations.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		Constant load application													
		Drive wheel						Forestry use							
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	50 31	10 6	10 6
650/45R24.5	AG22.00	635	1225	565	3745	20PR 161A8	5	10640	6940	5690	4950	4625	4210	4625	5690
		25	48.2	22.2	147.4	168A2	73	23460	15300	12540	10910	10200	9280	10200	12540
710/40R24.5	AG24.00	710	1230	569.4	3754	163A8	5	11210	7310	6000	5220	4875	4440	4875	5950
		28	48.4	22.4	147.8	170A2	73	24710	16120	13230	11510	10750	9790	10750	13120
600/55R26.5	AG20.00	600	1340	623	4080	165A8	5	11850	7730	6330	5510	5150	4690	5150	6280
		23.6	52.8	24.5	160.6	172A2	73	26130	17040	13960	12150	11350	10340	11350	13850
710/45R26.5	AG 24.00	714	1334	621	4113	168A8	5	12880	8400	6890	5990	5600	5100	5600	6830
		28.1	52.5	24.4	161.9	175A2	73	28400	18520	15190	13210	12350	11240	12350	15060
600/65R34	DW20B	610	1642	772	4992	165A8	3.4	11850	6900	5720	5510	5150	4690	5150	6330
		24	64.6	30.4	196.5	172A2	49	26125	15212	12610	12147	11354	10340	11354	13955
650/65R38	DW20B	650	1812	842	5448	171A8	3.6	14150	9230	6830	6580	6150	5600	6150	7500
		25.6	71.3	33.1	214.5	178A2	52	31195	20349	15058	14506	13558	12346	13558	16535
710/55R34	DW24B	720	1644	770	4998	171A8	4	14150	9230	7560	6580	6150	5600	6150	7560
		28.3	64.7	30.3	196.8	178A2	58	31200	20350	16670	14510	13560	12350	13560	16670

344 FORESTAR

LS-2

SC
SPECIAL
COMPOUNDSB
STEEL
BELTED

Forestry 344 Forestar LS-2 is a bias belted tire with steel reinforcement for high puncture resistance. The tire uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 344 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Drive wheel					Forestry use		
							mm	mm	mm	mm	mm	mm	10*HT	10*LT	
		in	in	in	in		in	in	bar psi	Static	10 6	20 12	30 19	40 25	6*HT
600/50-22.5	20.00DC	600	1170	540	3502	16	3.2	7940	4830	4240	3690	3450	3450	4240	
		23.6	46.1	21.3	137.9	151A8 158A2	46	17510	10650	9350	8140	7610	7610	9350	
710/40-22.5	24.00DC	700 27.6	1170 46.1	540 21.3	3502 137.9	16	3.6	8630	5250	4610	4010	3750	3750	4610	
						154A8 161A2	52	19030	11570	10160	8840	8270	8270	10160	
						20	4	9200	5600	4920	4280	4000	4000	4920	
						156A8 163A2	58	20280	12350	10850	9440	8820	8820	10850	
650/45-24.5	AG22.00	640	1234	579	3720	20	5	10640	6480	5690	4950	4625	4625	5690	
		25.2	48.6	22.8	146.5	161A8 168A2	73	23460	14290	12540	10910	10200	10200	12540	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Drive wheel					Forestry use		
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT	
710/40-24.5	AG24.00	710	1230	579	3828	20	5	11210	6830	6000	5220	4875	4875	6000	
		28	48.4	22.8	150.7	163A8 170A2	73	24710	15060	13230	11510	10750	10750	13230	
54X37.00-25	32.0TH	920 36.2	1435 56.5	672 26.5	4335 170.7	12	2.4	9780	5950	5230	4550	4250	4250	5950	
						158A8 166A2	35	21560	13120	11530	10030	9370	9370	13120	
						20	4	12650	7700	6770	5890	5500	5500	7700	
						167A8 174A2	58	27890	16980	14930	12990	12130	12130	16980	
						16 158A8 166A2	4 58	9780 21560	5950 13120	5230 11530	4550 10030	4250 9370	4250 9370	5230 11530	
600/55-26.5	20.00DC	620 24.4	1340 52.8	619 24.4	4053 159.6	20 165A8 172A2	5 73	11850 26130	7210 15900	6330 13960	5510 12150	5150 11350	5150 11350	6330 13960	
						24 170A8 177A2	6 87	13800 30420	8400 18520	7380 16270	6420 14150	6000 13230	6000 13230	7380 16270	
						20 168A8 175A2	5 73	12880 28400	7840 17280	6220 13710	5990 13210	5600 12350	5600 12350	6890 15190	
						16 161A8 168A2	4 58	10640 23460	6480 14290	5690 12540	4950 10910	4625 10200	4625 10200	5690 12540	
710/45-26.5	24.00DC	710 28	1340 52.8	620 24.4	4059 159.8	20 168A8 175A2	5 73	12880 28400	7840 17280	6890 15190	5990 13210	5600 12350	5600 12350	6890 15190	
						24 173A8 180A2	6 87	14950 32960	9100 20060	8000 17640	6960 15340	6500 14330	6500 14330	8000 17640	
						20 177A8 184A2	5 73	16790 37020	10220 22530	8980 19800	7810 17220	7300 16090	7300 16090	8980 19800	
						710/60-26.5	AG20.00	705	1490	692	4569	20 177A8 184A2	5 73	16790 37020	10220 22530
27.8	58.7	27.2	179.9	16 163A8 170A2	3.5 51	11210 24710		6830 15060	6000 13230	5220 11510	4875 10750	4875 10750	6000 13230		
800/40-26.5	28.00DC AG28.00	800	1340	620	4016	20	4.5	13800	8400	7380	6420	6000	6000	7380	
		31.5	52.8	24.4	158.1	170A8 177A2	65	30420	18520	16270	14150	13230	13230	16270	
		800	1324	610	4037	20	4.5	13800	8400	7380	6420	6000	6000	7380	
870/45-26.5	AG28.00	870	1430	666.54	4264	20 170A8 177A2	4 58	13800 30420	8400 18520	7380 16270	6420 14150	6000 13230	6000 13230	7380 16270	
		34.3	56.3	26.2	167.9	177A2	58	30420	18520	16270	14150	13230	13230	16270	

NOTES

FORESTRY FLOTATION AND TRAILER



331 FORESTRY

I-3

SC
SPECIAL
COMPOUND

SB
STEEL
BELTED

FORESTRY
FORWARDER

FOREST
HARVESTER

FOREST
TRAILER



Alliance 331 Flotation diagonal forestry tire is developed mainly for use in modern forestry harvesters and forwarders besides its standard applications like wheeled excavators, loaders and dumpers working in challenging terrains. The tire can also be used for applications in agriculture especially on heavy and abrasive surfaces. It is designed with high traction and low slip abilities for better fuel economy. The tire's huge volume contributes to low soil compaction and better ride comfort in forestry and agricultural applications. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All of this promises long tire life under heavy working conditions in forests as well as smooth working in fields.

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)						
		Speed, km/h (mph)												
		Drive Wheel						Forestry use						
		SW	OD						Static	20 12	30 19	40 25	10*HT	10*LT
		mm	mm	mm	mm				bar psi					6*HT
		in	in	in	in									
500/60-22.5	16.00DC	503	1172	530	3530	20	4	9400	5040	4480	4000	4000	4920	
		19.8	46.1	20.9	139		58	20720	11110	9880	8820	8820	10850	
500/60-26.5	16.00DC	500	1270	585	3800	16	5	11460	6140	5460	4875	4875	6000	
		151.1	50	23.3	151.1	163A8 170A2	73	25270	13540	12040	10750	10750	13230	
600/60-30.5	20.00DC	600	1500	696	4504	20	3.4	13160	7060	6270	5600	5600	6890	
		23.6	59.1	27.4	177.3	168A8 175A2	49	29013	15565	13823	12346	12346	15190	
700/50-30.5	24.00DC	700	1510	699	4528	20	3.4	13630	7310	6500	5800	5800	7100	
		27.6	59.4	27.5	178.3	169A8 176A2	49	30049	16116	14330	12787	12787	15653	
800/45-30.5	28.00DC	800	1520	704	4561	20	3.4	15750	8440	7500	6700	6700	8240	
		31.5	59.8	27.7	179.2	174A8 181A2	49	34720	18610	16540	14770	14770	18170	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		Free rolling						Drive Wheel							
		mm in	mm in					mm in	mm in	10 6	25 16	40 25	50 31	10 6	25 16
500/50-20	AG16.00	470	980	451	2943	16	2.8	3500	2980	2500	2250	4970	4220	3550	3200
		18.5	38.6	17.8	115.9	140A8	41	7720	6570	5510	4960	10960	9300	7830	7060
550/45-22.5	16.00DC	537	1090	-	3250	12	2.4	3610	3060	2575	2320	4970	4220	3550	3200
		21.1	42.9	-	128	141A8 137B	35	7960	6750	5680	5120	10960	9300	7830	7060

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommend load, kg (lbs)						
		Speed, km/h (mph)							Forestry use					
		Drive Wheel												
		SW	OD					Static	10 6	20 21	30 19	40 25	10*HT 6*HT	10*LT 6*LT
mm in	mm in	mm in	mm in	mm in	mm in	bar psi								
500/60-22.5	16.00DC	503	1172	530	3505	16PR	3.2	8110	-	4240	4350	3450	3450	4240
		19.8	46.1	20.9	138	151A8	46	17879	-	9348	9590	7606	7606	9348
500/60-26.5	16.00DC	500	1270	591	3838	22	5.7	13800	8400	6660	6420	6000	6000	7380
		19.7	50	23.3	151.1	170A8/177A2	83	30420	18520	14680	14150	13230	13230	16270

Alliance 328 Heavy Duty Flotation tire is a specially designed tire constructed to carry heavy loads and is used in harsh conditions. It provides improved stability over dual-tire configuration. The tire also provides much better ride comfort, higher machine mobility, better self cleaning and better overall performances on road. Special reinforced bead, steel belt and heavy duty construction are some of the unique features of this tire's construction. Apart from its standard applications in trailers, forestry trailers and forest harvesters, the special HD tire is developed for agricultural baler applications.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					bar psi	Constant load					Forestry use	
							Drive wheel								
				mm	mm		mm		mm	mm	mm	Static	10 6	20 12	30 19
in	in	in	in	in	in	Static	10 6	20 12	30 19	40 25	6*HT	6*LT			
500/60-15.5	16.00DC	503 19.8	994 39.1	439 17.3	2894 113.9	12 150A8 157A2	3.3	7710	4690	3720	3580	3350	4120		
							48	17000	10340	8200	7890	7390	7390	9080	
400/60-15.5	13.00DC	404 15.9	864 34	380 15	2509 98.8	16 148A8	4	7250	4220	3500	3370	3150	3870		
							58	15980	9300	7720	7430	6950	6950	8530	
500/55-17	16	503 19.8	994 39.1	435 17.1	2906 114.4	12 148A8/155A2	3.3	7250	4410	3500	3370	3150	3870		
							48	15980	9720	7720	7430	6950	6950	8530	
500/45-22.5	16.00DC	490	1050	489	3116	16PR	3.6	6580	3920	3530	3140	2800	3450		
		19.3	41.3	19.3	122.7	144A8	52	14506	8642	7782	6923	6173	6173	7606	
550/45-22.5 Steel Belted	16.00DC	550	1080	497	3226	12	2.4	5750	3500	2780	2680	2500	3080		
		21.7	42.5	19.6	127	140A8/147A2	35	12680	7720	6130	5910	5510	5510	6790	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)													
								Speed, km/h (mph)													
		SW	OD					mm	mm	Drive wheel						Free Rolling					
										Static	10 6	25 16	30 19	40 25	50 31	Static	10 6	25 16	30 19	40 25	50 31
		mm	mm	mm	mm		bar	psi													
in	in	in	in	in	in																
400/60-15.5	AG13.00 13.00DC	404	874	380	2600	20	6	5880	3500	2980	2800	2500	2240	5860	4970	4220	3980	3550	3150		
		15.9	34.4	15	102.4	152A8(148B) 140A8(136B)	87	12960	7720	6570	6170	5510	4940	12920	10960	9300	8770	7830	6950		

Alliance 331 Heavy Duty Flotation tread design is basically a traction profile with good self cleaning characteristics suitable for on/off road agricultural service on tractors, cross country vehicles, trailers and agricultural implements. High load carrying capacity and low inflation pressure are the main characteristics of this tire. Strong nylon construction and compounds ensure long tire life. Some sizes feature special compounds or steel belts for superior performance as required by the application.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW	OD				Drive wheel								Forestry use				
							mm	mm	mm	mm	Static	15	20	25	30	40	50	10*HT	10*LT
							in	in	in	in		9	12	16	19	25	31	6*HT	6*LT
500/60-26.5	16.00DC	500	1270	591	3885	22	5.7	13800	8040	-	6660	6420	6000	5460	6000	7380			
		19.7	50	23.3	153	170A8/177A2	83	30424	17725	-	14683	14154	13228	12037	13228	16270			
800/45-30.5	28.00D	800	1505	704	4551	20	3.4	15750	-	8440	-	7500	6700	-	6700	8250			
		31.5	59.3	27.7	179.2	174A8/181A2	49	34723	-	18607	-	16535	14771	-	14771	18188			

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		SW	OD					Drive wheel				Free rolling			
								10	25	40	50	10	25	40	50
							6	16	25	31	6	16	25	31	
550/45-22.5	16.00DC	537	1070	500	3250	12	2.4	3610	3060	2575	2320	4970	4220	3550	3200
		21.1	42.1	19.7	128	153A8 / 149B 141A8 / 137B	35	7959	6746	5677	5115	10957	9303	7826	7055

AGRO FORESTRY



668 FORESTAR III

R-1W

SB

STEEL BELTED



FORESTRY TRACTOR

Alliance 668 Forestar III is the ideal tire for forestry tractors due to its ability to provide excellent traction and superior stability in wet and muddy forest terrains while having good riding comfort on road. It comes with a strong radial construction with steel belts and reinforced sidewalls ensuring durability and longer life in extreme conditions. The tire is equipped with beefy shoulder lugs and a wider footprint to provide stability in rough terrains as well as protect the soil against compaction.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)													
								Speed, km/h (mph)													
		SW	OD					mm	mm	Drive wheel											
		mm	mm	Static	5 3		10 6			15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	60 37	65 40	
		in	in	in	in																
540/65R28	DW18L	550	1413	660	4208	154D	3.2	8630	6380	5630	5030	4610	4440	4310	4200	4110	4010	3940	3860	3810	3750
		21.7	55.6	26	165.7		46	19026	14065	12412	11089	10163	9789	9502	9259	9061	8841	8686	8510	8400	8267
600/60R28	W18L	585	1431	665	4255	157D	3.2	9490	7010	6190	5530	5070	4890	4740	4620	4520	4410	4330	4250	4190	4125
		23	56.3	26.2	167.5		46	20922	15454	13647	12192	11177	10781	10450	10185	9965	9722	9546	9370	9237	9094
540/65R30	DW18L	544	1464	670	4365	155D	3.2	8910	6590	5810	5190	4770	4590	4460	4340	4240	4150	4070	3990	3930	3875
		21.4	57.6	26.4	171.9		46	19643	14528	12809	11442	10516	10119	9833	9568	9348	9149	8973	8796	8664	8543
600/65R34	W18L	585	1644	765	4925	163D	3.2	11210	8290	7310	6530	6000	5780	5610	5460	5340	5220	5120	5020	4950	4875
		23	64.7	30.1	193.9		46	24714	18276	16116	14396	13228	12743	12368	12037	11773	11508	11288	11067	10913	10748
710/55R34	DW24B	710	1646	765	4950	167D	3.2	12540	9270	8180	7300	6700	6460	6270	6100	5970	5830	5720	5610	5530	5450
		28	64.8	30.1	194.9		46	27646	20437	18034	16094	14771	14242	13823	13448	13162	12853	12610	12368	12192	12015
650/65R38	DW20B	645	1811	840	5410	169D	3.2	13340	9860	8700	7770	7130	6870	6670	6500	6350	6210	6090	5970	5890	5800
		25.4	71.3	33.1	213		46	29410	21738	19180	17130	15719	15146	14705	14330	13999	13691	13426	13162	12985	12787
710/60R38	DW23B	708	1818	847	5450	171D	3.2	14150	10460	9230	8240	7560	7290	7070	6890	6730	6580	6460	6330	6240	6150
		27.9	71.6	33.3	214.6		46	31195	23060	20349	18166	16667	16072	15587	15190	14837	14506	14242	13955	13757	13558
650/65R42	DW21B	638	1913	895	5710	170D	3.2	13800	10200	9000	8040	7380	7110	6900	6720	6570	6420	6300	6180	6090	6000
		25.1	75.3	35.2	224.8		46	30424	22487	19842	17725	16270	15675	15212	14815	14484	14154	13889	13625	13426	13228
710/70R42	DW23B	716	2061	952	6165	179D	3.2	17830	13180	11630	10390	9530	9180	8910	8680	8490	8290	8140	7980	7870	7750
		28.2	81.1	37.5	242.7		46	39308	29057	25640	22906	21010	20238	19643	19136	18717	18276	17946	17593	17350	17086

360

R-1W

SC

SB

SPECIAL COMPOUND

STEEL BELTED

FLOTATION



MFWD



4WD TRACTOR

Alliance 360 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enables smooth and reliable forestry and agro-industrial operations.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					mm	mm	Drive wheel							
				mm	mm		mm			mm	mm	mm	mm	mm	mm	mm	10*HT
		in	in	in	in	in	in	bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	6*HT
540/65-28	W16L	520	1448	668	4331	16 155A8 162A2	3.3	8910	5810	5190	4770	4300	4150	3875	3530	3875	4750
		20.5	57	26.3	170.5		48	19640	12810	11440	10520	9480	9150	8540	7780	8540	10470
650/75-38	DW20 DW21B	684	1968	902	5850	168A8 175A2	2.4	12880	-	7500	-	6220	5990	5600	5100	5600	6890
		26.9	77.5	35.5	230.3		35	28400	-	16540	-	13710	13210	12350	11240	12350	15190
650/65R42	DW20	648	1955	900	5869	165A8 172A2	2.4	13910	-	-	6330	-	5510	5150	-	5150	7500
		25.5	77	35.4	231.1		35	30670	-	-	13960	-	12150	11350	-	11350	16540

333 Agro-Forestry is a special forestry construction tire suitable for tough Agro Forestry applications. It's steel belted construction ensures increased puncture protection and minimizes penetration damage. Improved forestry compound provides protection from cut & chip resistance. The tire's high NSD & sharp shoulders provide superior traction, even on uneven ground & wet soil conditions. The shoulder ridge provides added rubber on the critical void area, to help resist penetration and ensures a long tire life. The bridge in the tire's centre line add stability and strength to the base of the lugs. Flatter footprint of the tire results into better ground contact thus offering lower soil compaction.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press	Static	Recommended load , kg (lbs)				
		Speed, km/h (mph)											
		mm in	mm in			mm in	mm in		PR Symbol	bar psi	10 6	25 16	30 19
320/85-24	W11 W9	325	1165	529	3445	14	2.4	4030	2630	1940	1870	1750	1610
(12.4-24)	W10 DW11	12.8	45.9	20.8	135.6	127A8 124B	35	8890	5800	4280	4120	3860	3550
460/85-30	DW15L W15L	455	1544	702	4584	14	2.4	7710	5030	3720	3580	3350	3080
(18.4-30)	W14L DW14L	17.9	60.8	27.6	180.5	150A8 147B	35	17000	11090	8200	7890	7390	6790
420/85-38	W15	430	1680	774	5021	14	2.4	7480	4880	3610	3480	3250	2980
		16.9	66.1	30.5	197.7	149A8 146B	35	16490	10760	7960	7670	7170	6570

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
								Drive wheel									
		SW mm in	OD mm in				mm in	mm in	bar psi	Static kmph	10 kmph	15 kmph	20 kmph	25 kmph	30 kmph	40 kmph	50 kmph
380/85-24	W12	380	1270	593	3776	143A8	3.2	6270	4090	3650	3350	3020	2920	2725	2480		
		15	50	23.3	148.7	140B	46	13820	9020	8050	7390	6660	6440	6010	5470		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)									
		Speed, km/h (mph)															
		SW	OD	Static	10		15	20	25	30	40	50	Forestry use				
		mm in	mm in		6	9	12	16	19	25	31	10*HT kmph	10*LT kmph				
340/85-24	W12	345	1188	556	3525	128A8	2	4140	2700	2410	2210	2000	1930	1800	1650	1800	2210
		13.6	46.8	21.9	138.8	125B	29	9127	5952	5313	4872	4409	4255	3968	3638	3968	4872
380/85-24	W12	380	1260	570	3723	137A8	2.4	5340	3480	3110	2850	2580	2480	2300	2120	2300	2850
		15	49.6	22.4	146.6	134B	35	11770	7670	6860	6280	5690	5470	5070	4670	5070	6280
420/85-30	W15L	438	1475	672	4376	150A8	2.8	7710	5030	4490	4120	3720	3580	3350	3075	3350	4120
		17.2	58.1	26.5	172.3	147B	41	17000	11090	9900	9080	8200	7890	7390	6780	7390	9080
460/85-30	DW15L W15L	460	1550	719	4623	155A8	2.8	8910	5810	5190	4770	4300	4150	3875	3550	3875	4770
	W14L	18.1	61	28.3	182	152B	41	19640	12810	11440	10520	9480	9150	8540	7830	8540	10520
420/85-34 (16.9-34)	W15L	430	1578	738	4756	153A8	3.2	8400	5480	4890	4490	4050	3910	3650	3320	3650	4490
		16.9	62.1	29.1	187.2	150B	46	18520	12080	10780	9900	8930	8620	8050	7320	8050	9900
460/85-38	DW16L W16	460	1747	824	5270	158A8	2.8	9780	6380	5700	5230	4720	4550	4250	3875	4250	5230
		18.1	68.8	32.4	207.5	155B	41	21560	14070	12570	11530	10410	10030	9370	8540	9370	11530
520/85-38 (20.8-38)	DW16L DW18L					160A8	2.4	10470	6830	6100	5600	5050	4870	4500	4125	4550	5600
						157B	35	23080	15060	13450	12350	11130	10740	9920	9090	10030	12350
						164A8	2.8	11500	7500	6700	6150	5550	5350	5000	4500	5000	6150
						160B	41	25350	16540	14770	13560	12240	11800	11020	9920	11020	13560
520/85-42	DW16L	520	1950	905	5785	162A8	2.4	10930	7130	6370	5840	5270	5080	4750	4375	4750	5840
		20.5	76.8	35.6	227.8	159B	35	24100	15720	14040	12880	11620	11200	10470	9650	10470	12880

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)					
		Speed, km/h (mph)											
		Mixed Application											
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	25 16	30 19	40 25	50 31
380/85-28	W12 W13 W11	380	1357	623	4060	14	2.4	5590	3650	2700	2600	2460	2210
		15	53.4	24.5	159.8	139A8 136B	35	12320	8050	5950	5730	5420	4870
420/85-28	W15L W14L	430	1425	670	4313	144A8	2.4	6440	4200	3110	3000	2800	2570
		16.9	56.1	26.4	169.8	141B	35	14200	9260	6860	6610	6170	5670
460/85-34	W16	470	1650	751	4888	14	2.4	8170	5330	3940	3800	3550	3260
		18.5	65	29.6	192.4	152A8 149B	35	18010	11750	8690	8380	7830	7190
460/85-38	DW16L W16 W16L W15L DW15L	460	1747	801	5206	14	2.4	8630	5630	4160	4010	3750	3410
		18.1	68.8	31.5	205	154A8 151B	35	19030	12410	9170	8840	8270	7520

AF 669

R-1W

SB

FSC

PRC

STEEL BELTED

FORESTRY COMPOUND

PUNCTURE RESISTANCE COMPOUND



Alliance AF669 is an extra wide tire available in radial for use in Forestry tractors. It is characterized by increased load capacity for the same inflation pressure. This means that the low inflation pressure combined with a large footprint helps reduce soil compaction. Low-angled lugs of the tire at the shoulder area improve traction, while higher angles around the tire center line improve ride comfort. This leads to increased tire traction efficiency by an effective traction/slip characteristic. Also, the strong radial construction with reinforced beads and sidewalls provides a long tire life. Wide inter-lug spacing ensures good self-cleaning. The reinforced side walls with additional rubber and textile layer provide excellent stability during forestry operations. The tire is built with special forestry compounds and a tough sidewall for effective forestry use. Steel belt layers provide protection against punctures under severe working conditions in the forest.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Drive wheel								Forestry use	
		mm	mm	mm	mm		Static	10	15	20	25	30	40	50	10*HT	10*LT	
		in	in	in	in	kmph	6	9	12	16	19	25	31	6*HT	6*LT		
480/65-28	W15L	470	1350	628	4034	142A8	2.4	6100	3980	3550	3260	2940	2840	2650	2410	2650	3260
		18.5	53.1	24.7	158.8	139B	35	13450	8770	7830	7190	6480	6260	5840	5310	5840	7190
540/65-28	W16L W18L W15L	520	1430	664	4307	155A8	3.4	8910	5810	5190	4770	4300	4150	3875	3530	3875	4770
		20.5	56.3	26.1	169.6	152B	49	19643	12809	11442	10516	9480	9149	8543	7782	8543	10516
540/65-30	W16L W18L	520	1490	694	4439	150A8	2.4	7710	5030	4490	4120	3720	3580	3350	3050	3350	4120
		20.5	58.7	27.3	174.8	147B	35	16998	11089	9899	9083	8201	7893	7385	6724	7385	9083
600/65-34	DW20B	595	1650	763	4904	157A8	2.4	9490	6190	5530	5070	4580	4410	4125	3750	4125	5070
		23.4	65	30	193.1	154B	35	20922	13647	12192	11177	10097	9722	9094	8267	9094	11177
		595	1650	770	4968	160A8	2.8	10350	6750	6030	5540	5000	4820	4500	4100	4500	5540
		23.4	65	30.3	195.6	157B	41	22820	14880	13290	12210	11020	10630	9920	9040	9920	12210
600/65-38	W18L W16L	575	1775	817	5284	159A8	2.4	10060	6560	5860	5380	4860	4680	4375	3980	4375	5380
		22.6	69.9	32.2	208	156B	35	22180	14460	12920	11860	10710	10320	9650	8770	9650	11860

AF 670**R-1W****SB**STEEL
BELTED

AF670 is a wide-base radial tire developed for modern and high-power tractors on the heavy-duty field and hauling applications. Special R1-W traction tread pattern, radial nylon casing, rigid belts, mudguard, and unique shoulder design ensure excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizing soil compaction and increasing flotation abilities. Strong nylon carcass, rigid belts, and endurance tread rubber compound provides long tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Drive wheel								Forestry use	
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT
420/70-24	W13	418	1248	585	3781	138A8	2.8	5430	3540	3160	2900	2620	2530	2360	2180	2360	2900
		16.5	49.1	23	148.9	135B	41	11970	7800	6970	6390	5780	5580	5200	4810	5200	6390
420/70-28	W13	418	1349	634	4054	140A8	2.6	5750	2750	2625	2600	2575	2550	2500	2300	2500	2575
		16.5	53.1	25	159.6	137B	38	12680	6060	5790	5730	5680	5620	5510	5070	5510	5680
480/70-28	W15L	479	1423	661	4260	145A8	2.4	2650	6700	4375	4000	3650	3250	3150	2900	2900	3250
		18.9	56	26	167.7	142B	35	5840	14770	9650	8820	8050	7170	6950	6390	6390	7170
480/70-34	W15L	479	1596	743.4	4783	146A8	2	6900	4500	4000	3650	3350	3250	3000	2725	3000	3250
		18.9	62.8	29.3	188.3	143B	29	15212	9921	8818	8047	7385	7165	6614	6008	6614	7165
520/70-34	W16L	516	1646	768	4962	154A8	2.6	8625	4125	3938	3900	3863	3825	3750	3450	3750	3863
		20.3	64.8	30.2	195.4	151B	38	19020	9090	8680	8600	8520	8430	8270	7610	8270	8520
520/70-38	W16L	516	1762	825.3	5268	155A8	2.4	9000	5800	5150	4750	4375	4250	3875	3550	3875	4375
		20.3	69.4	32.5	207.4	152B	35	19842	12787	11354	10472	9645	9370	8543	7826	8543	9645
420/70-24	W13	418	1248	585	3781	138A8	2.8	5430	3540	3160	2900	2620	2530	2360	2180	2360	2900
		16.5	49.1	23	148.9		41	11970	7800	6970	6390	5780	5580	5200	4810	5200	6390
710/70R38	DW23B	716	1958	905	5865	168A8	1.8	12880	8400	7500	6890	6220	5990	5600	5100	5600	6900
		28.2	77.1	35.6	230.9	175A2	26	28396	18519	16535	15190	13713	13206	12346	11244	12346	15212

385**R-1W****SC**SPECIAL
COMPOUND

Alliance 385 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges and reinforced bead which enable smooth and reliable forestry and agro-industrial operations.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)					
								Speed, km/h (mph)					
		SW	OD					Drive wheel					
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	50 31
20.8-38	DW18A W18L	550	1860	866	5596	14	2.3	10060	6560	5380	4680	4375	3980
	18DD W16L	21.7	73.2	34.1	220.3	159A8/166A2	33	22180	14460	11860	10320	9650	8770

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Drive wheel						Forestry use	
		mm in	mm in	mm in	mm in		bar psi	Static kmph	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT
18.4-34	W16L	486	1671	750	5007	154A8	2.5	8630	5630	4160	4010	3750	3410	3750	4610
	DW16 W15L	19.1	65.8	29.5	197.1	161A2	36	19030	12410	9170	8840	8270	7520	8270	10160
	DW15L														

342

LS-2



Alliance 342 includes the entire forestry flotation radial and relevant forestry tractor sizes. Specific, big and strong tread pattern enables long tread life, excellent traction, grip and reliability while working on slopes. The tread pattern is reinforced by small lugs located on the shoulders. These lugs protect the shoulders from side damages done by stones and branches. The tire is steel reinforced under the tread area to prevent punctures during forestry operations. The special compound used in the tire sidewall structure enables high stability of forestry tractors at high tilt angles. The special rubber compounds used for the tread and sidewall give long, efficient protection from chipping and chunking which are the major concerns in forestry operations.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
		Speed, km/h (mph)													
		Constant load application													
		Drive wheel						Forestry use							
		mm	mm	mm	mm		Static	10 6	20 12	30 19	40 25	50 31	10 6	10 6	
SW	OD					bar psi									
in	in	in	in												
600/60-28	DW20B	616	1448	672	4427	16PR	3.2	10060	6560	5380	4680	4375	3980	4375	5450
	DW18B	24.3	57	26.5	174.3	159A8 167A2	46	22180	14460	11860	10320	9650	8770	9650	12020
600/60R28	DW20B	616	1420	660	4335	159A8	3.2	10060	6560	5380	4680	4375	3980	4375	5450
	DW18B	24.3	55.9	26	170.7	167A2	46	22180	14460	11860	10320	9650	8770	9650	12020
650/65-38	DW20B	660	1840	850	5586	16PR	3.2	14150	9230	7560	6580	6150	5600	6150	7660
	DW18B	26	72.4	33.5	219.9	171A8 179A2	46	31200	20350	16670	14510	13560	12350	13560	16890
650/65R38	DW20B	650	1812	842	5521	171A8	3.6	14150	9230	7560	6580	6150	5600	6150	7500
		25.6	71.3	33.1	217.4	178A2	52	31200	20350	16670	14510	13560	12350	13560	16540

370

R-1W

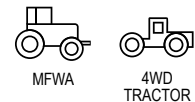


Alliance 370 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enable smooth and reliable forestry and agro-industrial operations.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		Constant load application								Forestry use					
		Drive wheel													
		SW	OD	mm	mm	mm	mm	bar psi	Static	10 6	25 16	30 19	40 25	50 31	10*HT
in	in	in	in	in	in								6*HT	6*LT	
380/70-24	W12 W11 W13	380	1206	558	3614	14 130A8	2.7	4370	2850	2110	2030	1900	1730	1900	2340
		15	47.5	22	142.3	138A2	39	9630	6280	4650	4480	4190	3810	4190	5160
420/70-24	W13 W12 W14L	418	1265	582	3774	14 138A8	3	5430	3540	2620	2530	2360	2150	2360	2900
		16.5	49.8	22.9	148.6	145A2	44	11970	7800	5780	5580	5200	4740	5200	6390
380/70-28	W12 W11 W13	380	1308	609	3935	14 138A8	3	5430	3540	2620	2530	2360	2150	2360	2900
		15	51.5	24	154.9	145A2	44	11970	7800	5780	5580	5200	4740	5200	6390
420/70-28	W13 W12 W14L	418	1364	633	4095	14 140A8	2.5	5430	3750	2780	2680	2500	2280	2500	3080
		16.5	53.7	24.9	161.2	147A2	36	11970	8270	6130	5910	5510	5030	5510	6790
480/70-28	W15L	479	1448	668	4334	14 145A8	2.7	6670	4350	3220	3100	2900	2640	2900	3570
		18.9	57	26.3	170.6	152A2	39	14710	9590	7100	6830	6390	5820	6390	7870
480/70-34	W15L W14L W16L	479	1600	744	4812	14 146A8	2.5	6900	4500	3330	3210	3000	2730	3000	3690
		18.9	63	29.3	189.4	153A2	36	15210	9920	7340	7080	6610	6020	6610	8140
520/70-34	W16L W18L	516	1659	769	4980	14 154A8	2.5	8630	5630	4160	4010	3750	3410	3750	4625
		20.3	65.3	30.3	196.1	161A2	36	19030	12410	9170	8840	8270	7520	8270	10200

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
								Constant load application							
		SW	OD	Drive wheel						Forestry use					
		mm	mm	mm	mm		bar psi	Static	10 6	25 16	30 19	40 25	50 31	10*HT	10*LT
		in	in	in	in	6*HT		6*LT							
480/70-38	W15L W14L W16L	479	1715	801	5170	14 150A8 157A2	2.7	7710	5030	3720	3580	3350	3050	3350	4120
		18.9	67.5	31.5	203.5		39	17000	11090	8200	7890	7390	6720	7390	9080
520/70-38	W16L W16A W18L	520	1758	819	5292	14 155A8 162A2	2.5	8910	5810	4300	4150	3875	3530	3875	4770
		20.5	69.2	32.2	208.3		36	19640	12810	9480	9150	8540	7780	8540	10520
580/70-38	W18A	570	1841	854	5528	14 160A8 168A2	2.5	10350	6750	5000	4820	4500	4100	4500	5540
		22.4	72.5	33.6	217.6		36	22820	14880	11020	10630	9920	9040	9920	12210



Alliance 365 Agro Forestry is a modern diagonal forestry tire for utility and high power tractors on heavy duty jobs in forestry and heavier agricultural operations. This tire can also be used for combine harvesters and implements in agriculture. The tire is designed for high traction and low slip abilities and gives better fuel economy. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All the above characteristics enable smooth and reliable forestry and agro-industrial operations. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Drive wheel						Forestry use	
		mm	mm					mm	mm	bar psi	Static	10 6	20 12	30 19	40 25
		in	in	in	in		14950	9750	8000		6960	6500	5920	6500	8000
710/70R42	DW23B	740	2055	936	6102	173A8	3	14950	9750	8000	6960	6500	5920	6500	8000
		29.1	80.9	36.9	240.2	182A2	44	32960	21500	17640	15340	14330	13050	14330	17640

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)						
								Speed, km/h (mph)						
		Drive wheel												
		SW	OD											
		mm	mm	mm	mm		bar	psi	Static	10 6	20 12	30 19	40 25	50 31
in	in	in	in											
18.4-26	DW16A	467	1440	656	4273	10	2.1	5920	3860	3170	2760	2575	2340	
		18.4	56.7	25.8	168.2	141A8 148A2	30	13051	8510	6989	6085	5677	5159	

The 356 is a tire for high power tractors on heavy duty jobs in forestry and heavier operation in agriculture. The tire is designed for high traction abilities, low slip and low fuel consumption. The main construction characteristics of the tire are: strong nylon casing, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All these characteristics promise long tire life under heavy working conditions in the forests, as well as, smooth and long lasting work in agriculture. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					mm	mm	mm	mm	bar psi	Drive wheel				
							Static						10 6	20 12	30 19	40 25	50 31
18.4-26	DW16A	467	1440	656	4273	10	2.1	5920	3860	3170	2760	2575	2340				
		18.4	56.7	25.8	168.2	141A8 148A2	30	13051	8510	6989	6085	5677	5159				
13.6-28	W12 DW12 W12D W11	345	1295	605	3938	10	2.5	4370	2850	2340	2030	1900	1730				
		13.6	51	23.8	155	130A8 138B	36	9630	6280	5160	4480	4190	3810				
16.9-30	W15L DW15L W15 DW15A DW14	429	1475	681	4451	14	2.6	6440	4200	3440	3000	2800	2550				
		16.9	58.1	26.8	175.2	144A8 151B	38	14200	9260	7580	6610	6170	5620				
18.4-30	DW16A DW16L DW15L W15L DW15A	467	1545	704	4702	14	2.6	7940	5180	4240	3690	3450	3140				
		18.4	60.8	27.7	185.1	151A8 158A2	38	17510	11420	9350	8140	7610	6920				
16.9-34	W15L DW15L W15 W14L DW14A	429	1575	730	4801	14	2.5	6900	4500	3690	3210	3000	2730				
		16.9	62	28.7	189	146A8 153A6	36	15210	9920	8140	7080	6610	6020				
16.9-34	DW15 W14L W15L	429	1575	735	4847	18	3.2	8170	5330	4370	3800	3550	3230				
		16.9	62	28.9	190.8	152A8 159A6	46	18010	11750	9630	8380	7830	7120				
18.4-38	W16 W16L W16A W15L DW15L	467	1750	806	5284	14	2.5	8910	5810	4770	4150	3875	3530				
		18.4	68.9	31.7	208	155A8 162A2	36	19640	12810	10520	9150	8540	7780				

CONSTRUCTION AND INDUSTRIAL



NOTES

SKID STEER



Alliance 202 has a unique tread pattern that offers superior tire life even while operating in severe conditions. The deep tread pattern of the tire enhances traction and provides resistance to puncture. The presence of the reinforced sidewall of the tire leads to better handling and stability. Alliance 202 also comes with an enhanced load carrying capacity coupled with better riding comforts.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					10	6
10X16.5NHS	8.25	259	805	366	2337	10	5.2	2120	
		10.2	31.7	14.4	92		75	4674	
12x16.5NHS	9.75	307	838	384	2438	12	5.5	2865	
		12.1	33	15.1	96		80	6316	
14x17.5	10.5	358	935	423.5	2751	14	5.5	3875	
		14.1	36.8	16.7	108.3		80	8540	

The Alliance SK-903 is a specialized tire developed for Skidsteer applications. The open and deep shoulders are designed for traction on loose off-road surfaces. The flatter radius of the tire improves the wear resistance. Solid center lug for improved wear resistance. Rim Shield Protector on sidewall for shock protection



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)	
								Recommended load, kg (lbs)	
		SW	OD				Skid Steer Application		
		mm	mm				mm	mm	
		in	in				in	in	
10-16.5NHS	8.25	260	773	352	2316	10	5.2	3350	2120
		10.2	30.4	13.9	91.2	134A2	75	7385	4674

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)				
								Recommended load, kg (lbs)				
								Backhoe		Skid Steer		
		mm	mm				mm	mm	bar	40 25	Static	10 6
		in	in				in	in	psi			
10-16.5NHS	8.25	260	773	351	2353	8	4.1	2923	1850	1215		
		10.2	30.4	14	92.6	129A2	60	6444	4079	2679		
12 16.5NHS	9.75	307	831	380	2510	10	4.5	1680	4015	2540		
		12.1	32.7	15	98.8	140A2	65	3700	8850	5600		
12 16.5NHS	9.75	307	831	380	2553	12	5.5	1805	4525	2865		
		12.1	32.7	15	100.5	144A2	80	3980	9980	6320		

SK-906**R-4**

An Alliance product specially designed for normal hour operations in applications like agriculture, construction and municipal works. SK 906 is a globally accepted pattern by various Original Equipment Manufacturers. SK 906 provides superior traction and self cleaning properties with enhanced smooth ride on varied surfaces (mud, loose gravel, asphalt).



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)	
								Recommended load, kg (lbs)	
		SkidSteer							
		SW	OD	mm	mm		bar psi	Static	10 6
mm	mm	mm	mm						
in	in	in	in						
10-16.5NHS	8.25	260	768	348	2346	8	4.1	-	1900
		10.2	30.2	13.7	92.4	130A2	60	-	4190
10-16.5 NHS	8.25	264	773	355	2290	10	5.2	3350	2120
		10.4	30.4	14	90.2	134A2	75	7390	4670
10-16.5NHS	8.25	260	733	355	2290	12	6.2	3730	2360
		10.2	28.9	14	90.2	138A2	90	8220	5200
12-16.5NHS	9.75	302	825	369	2405	10	4.5	-	2500
		11.9	32.5	14.5	94.7	140A2	65	-	5510
12-16.5NHS	9.75	295	820	364	2481	12	5.5	-	2650
		11.6	32.3	14.3	97.7	144A2	80	-	5840
14-17.5NHS	10.50	349	921	421	2746	14	5.5	-	3875
		13.7	36.3	16.6	108.1	155A2	80	-	8540

FARMPRO RADIAL 85**R-1W**

FarmPRO '85 Series of agricultural radial tires have multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load								
								Speed, km/h (mph)								
		SW	OD				Non cyclic operation						Cyclic operation			
		mm	mm				Static	10 6	15 9	25 16	30 19	40 25	50 31	10 6	15 9	
		in	in													in
420/85R34 (16.9R34)	W15L W14L	418 16.5	1578 62.1	706 27.8	4636 182.5	142A8 142B	1.6 23	6100 13450	3980 8770	3550 7830	2940 6480	2840 6260	2650 5840	2650 5840	4510 9940	4110 9060

585

R-4



Alliance 585 is the perfect choice for Agro-Industrial application. The large mul-directional block tread design and higher tread depth ensures long life and exceptional performance on hard surfaces. Efficiency and productivity is the key to profitability and Alliance 585 is designed to provide the same



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Inflation Pressure	Recommended Load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD				Skidsteer Application		
		mm	mm	mm	mm		bar psi	10	40
		in	in	in	in	6		25	
265/70R16.5 NHS (10R16.5 NHS)	8.25	260	773	354	2342	129A8	5	2300	1850
		10.2	30.4	13.9	92.2	137A2	73	5070	4080
305/70R16.5NHS (12R16.5NHS)	9.75	307	831	377	2504	137A8	5	2900	2300
		12.1	32.7	14.8	98.6	145A2	73	6390	5070

BACKHOE LOADER



202

L-4



Alliance 202 has a unique tread pattern that offers superior tire life even while operating in severe conditions. The deep tread pattern of the tire enhances traction and provides resistance to puncture. The presence of the reinforced sidewall of the tire leads to better handling and stability. Alliance 202 also comes with an enhanced load carrying capacity coupled with better riding comfort.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)											
		Speed, km/h (mph)										Inflation Pressure		Cyclic Application					
		Backhoe Application																	
		SW	OD																
		mm	mm	mm	mm			Static	5 3	10 6	20 12	30 19	40 25	50 31	bar	10 6	15 9		
in	in	in	in	in	in	psi													
12.5/80-18 NHS	W9	305	965	452	2861	14	4.3	4700	2800	2500	2180	2080	2000	1820	2.55	3000	2680		
		12	38	17.8	112.6	132A8	62	10360	6170	5510	4810	4590	4410	4010	37	6610	5910		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					40	25
		mm in	mm in	mm in	mm in		bar psi	40	25
18.4-26	W16	470	1427	650	4186	14	2.9	4125	
		18.5	56.2	25.6	164.8		42	9090	
16.9-28	DW15L DW15L W15 DW14L	434	1412	636	4216	14	3	3875	
		17.1	55.6	25	166		44	8540	

202

L-5



Alliance 202 has a unique tread pattern that offers superior tire life even while operating in severe conditions. The deep tread pattern of the tire enhances traction and provides resistance to puncture. The presence of the reinforced sidewall of the tire leads to better handling and stability. Alliance 202 also comes with an enhanced load carrying capacity coupled with better riding comforts.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					10	6
		mm in	mm in	mm in	mm in		bar psi	10	6
14x17.5	10.5	358	935	424	2751	14	5.5	3875	
		14.1	36.8	16.7	108.3		80	8540	

211

F-3



Alliance 211 is specially designed for front tires of two-wheel drive backhoes. The robust design makes it well-equipped to withstand the toughest conditions. The grooves in-between ribs facilitates easy steering of the vehicle. Excellent durability and high productivity make it an ideal choice for varied applications.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					40	25
		mm in	mm in	mm in	mm in		bar psi	40	25
11L-16SL	W8L W8 8 8LB W10	279	803	361	2457	10	3.6	1120	
		11	31.6	14.2	96.7	112A8	52	2470	

Alliance 239 is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and in industrial applications. Its strong nylon construction and the use of high grade compounds guarantee long tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		SW	OD				All surfaces				Improved surfaces				
		mm in	mm in				mm in	mm in	Static	10 6	20 12	30 19	40 25	50 31	70 43
14-17.5	10.5	363	927	428	2811	14	6.9	5590	3950	3410	3220	3080	2970	2830	2725
		14.3	36.5	16.9	110.7	143G	100	12320	8710	7520	7100	6790	6550	6240	6010

Alliance 533 is an industrial drive wheel tire. The tire's heavy nylon construction is designed to achieve best results on industrial use as well as off road and building site services. Its tread design gives more traction and braking power as well as high mileage on road. This pattern can be used for some of the Agriculture applications also.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)			
		Speed, km/h (mph)									
		Constant Load									
		40 25									
14.9-24	W13	378	1240	567	3760	12	2.9	2900			
	W12	14.9	48.8	22.3	148	145A8	42	6393			
19.5L-24 IND	DW16L	495	1314	589	3937	12	2.35	3450			
		19.5	51.7	23.2	155	151A8	34	7605			
18.4-26	W16	467	1425	628	4142	12	2.5	4000			
	DW16	18.4	56.1	24.7	163.1	156A8	36	8818			

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		Drive Wheel						Free Rolling							
		mm	mm	mm	mm		10 6	20 12	30 19	40 25	10 6	20 12	30 19	40 25	
		in	in	in	in										
15.5/80-24 IND	W12	374	1240	572	3727	12	3	3740	3310	2900	2610	5320	4700	4125	3710
	W13 W14	14.7	48.8	22.5	146.7	157A6 145A6	44	8245	7297	6393	5754	11728	10362	9094	8179
16.5/85-24 IND	W13	417	1322	581	3939	12	2.7	4320	3820	3350	3020	6130	5420	4750	4280
	W14L W15L	16.4	52	22.9	155.1	162A6 150A6	39	9523	8421	7385	6657	13514	11949	10471	9435
16.5/85-24	W13 W14L W15L	417	1322	593	4003	16 172A6	3.8	5640	4990	4375	3875	8130	7180	6300	5600
		16.4	52	23.3	157.6	168A8 159A6 155A8	55	12434	11001	9645	8542	17923	15829	13889	12345
16.5/85-28 IND	W13	417	1423	627	4231	12	2.8	4450	3930	3450	3110	6290	5560	4875	4390
		16.4	56	24.7	166.6	163A6 151A6	41	9810	8664	7605	6856	13867	12257	10747	9678

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)							
								Speed, km/h (mph)							
		BackHoe Loader													
		SW	OD				Static	5 3	10 6	15 9	20 12	25 16	30 19	40 25	
		mm	mm	mm	mm										
in	in	in	in												
16.9-24 IND	DW15L	429	1310	589	3855	12	3.75	8395	5293	4563	4125	-	3979	3796	3650
		16.9	51.6	23.2	151.8	149A8	54	18507	11669	10059	9094	-	8772	8368	8046
16.9-28IND	W15L W14L	429	1410	616	4120	12	2.6	8170	-	4440	-	3870	3690	3550	-
		16.9	55.5	24.3	162.2	152A8	38	18011	-	9788	-	8531	8135	7826	-

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)				
								Speed, km/h (mph)				
		Constant Load										
		SW	OD									
		mm	mm	mm	mm			bar psi	Static	10 6	20 12	30 19
in	in	in	in	in								
16.9-28IND	W15L	440	1410	661	4282	12	2.6	8170	4440	3870	3690	3550
	W14L	17.3	55.5	26	168.6	152A8	38	18010	9790	8530	8140	7830
16.9-30IND	W15L	429	1485	664	4339	14	3.1	8000	5320	4880	4440	4000
	W14L	16.9	58.5	26.1	170.8	156A8	45	17640	11730	10760	9790	8820

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)												
								Speed, km/h (mph)												
		SW	OD					Constant Load												
		mm	mm					mm	mm	bar psi	Field	Static	5 3	10 6	15 9	20 12	25 16	30 19	35 22	40 25
		in	in	in	in															
19.5L-24IND	DW16L	495	1314	593	3924	10	1.9	3290	7073	5228	4613	4121	3782	3413	3290	3167	3075	2952	2798	
	DW16 W16	19.5	51.7	23.3	154.5	147A8	28	7253	15593	11525	10169	9085	8337	7524	7253	6982	6779	6508	6168	

570**R-4**

BACKHOE

Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces and stable running on the roads. The strong polyester construction enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial tire construction provides even pressure distribution, high productivity and optimal fuel consumption.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD				BackHoe		
		mm in	mm in				mm in	mm in	psi
17.5L-24	W15L	445	1245	571	3683	12 150A8	2.5	3350	3075
		17.5	49	22.5	145	147B	36	7390	6780

321 HIGH TRACTION

R-4



BACKHOE

Alliance 321 Construction Machinery tire is designed for tough on & off road requirements of modern compact construction machinery and other equipment where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to structural failure of the tire.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
				BackHoe													
				mm	mm		mm	mm	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28
		in	in	in	in	bar psi											
10.5/80-18 IND	W9	274	885	417	2680	10	3.7	2294	2196	1835	1751	1654	1557	1529	1473	1418	1390
		10.8	34.8	16.4	105.5	119B	54	5057	4841	4045	3860	3646	3432	3370	3247	3126	3064
12.5/80-18 IND	9	308	987	456	2948	16	4.9	5775	3250	-	2725	2570	2465	2375	2290	2220	2180
		12.1	38.9	18	116.1	135B	71	12731	7165	-	6007	5665	5434	5235	5048	4894	4806

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)
		SW	OD					Speed, km/h (mph)
								Backhoe Application
								50
								31
12.5/80-18 IND	9 11	308	987	465	3031	10	3.1	1700
		12.1	38.9	18.3	119.3	126B	45	3750
12.5/80-18 IND	9 11	308	987	456	2913	12	3.7	1850
		12.1	38.9	18	114.7	129B	54	4078

TOUGH TRAC 325

R-4



BACKHOE



UTILITY TRACTOR



COMPACT WHEEL LOADER

Alliance 325 ToughTrac tire is designed for heavy duty applications with very good resistance to shock and perforation. This tire has specially designed directional tread pattern with massive lug design, aggressive tread pattern and flat stable crown having extra thick sidewall and under tread, making it ideal for compact machineries.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)
		SW	OD					Speed, km/h (mph)
								Backhoe Loader
								40
								25
280/80-18 (10.5/80-18)	W9	282	905	411	2681	145A8	4	2900
		11.1	35.6	16.2	105.6		58	6393

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)					
								Speed, km/h (mph)					
		SW	OD					Constant Load					
		mm	mm				mm	mm	Static	10	25	30	40
		in	in				in	in		bar psi	6	16	19
400/80-24 IND (15.5/80-24 IND)	DW13 W14L	404	1250	575	3798	162A8	5	10925	5938	5035	4940	4750	
	DW14L DW12	15.9	49.2	22.6	149.5		73	24085	13091	11100	10890	10471	
440/80-24	DW14L	441	1314	598	4020	168A8	5	12880	7000	5940	5820	5600	
	W15L DW15L	17.4	51.7	23.5	158.3		73	28395	15432	13095	12830	12345	



Alliance 608 is an innovative approach to compact machinery tire design. It provides low motion resistance which contributes to lower fuel consumption of compact machines. The tire's tread pattern is an optimized on/off road pattern with shoulder lugs for traction in the fields, as well as long tread life because of massive central blocks when the machine works on harder surfaces. The tire construction includes both, all fabric and steel belted variants.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31
365/70R18 IND	11 13	360	969	433	2922	146A2	3.75	4800	3000	2590	2480	2350	2310	2250	2180
		14.2	38.1	17	115	135B	54	10582	6613	5709	5467	5180	5092	4960	4806



Alliance 606 tire for Loaders and Dozers is a low section tire for light earthmoving equipment. The tire is an all steel radial tire with steel belted construction. The unique non-directional tread design suits on/off road services. High mileage, easy self cleaning, best traction, fuel saving and ride comfort are some of its advantages.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)								
								Speed, km/h (mph)								
		Backhoe Loader														
		SW	OD													
		mm	mm				mm	mm		bar psi	15 9	20 12	25 16	30 19	40 25	50 31
in	in	in	in	in	in											
335/80R18EM	11	371	984	445	2979	145A2	3.75	2370	2330	2290	2250	2180	2120	1990		
		14.6	38.7	17.5	117.3	134B	54	5224	5136	5048	4960	4806	4673	4387		
365/70R18EM	11	400	1000	434	2902	146A2	3.75	2440	2400	2350	2310	2250	2180	2050		
		15.7	39.4	17.1	114.3	135B	54	5379	5291	5180	5092	4960	4806	4519		
405/70R18EM	13	452	1070	471	3102	153A2	3.75	2880	2830	2780	2730	2650	2575	2420		
		17.8	42.1	18.5	122.1	141B	54	6349	6239	6128	6018	5842	5676	5335		
335/80R20EM (12.5R20)	11 11SDC 12 12SDC	366	1076	468	-	147A2	3.75	2510	2460	2420	2370	2310	2240	2110		
		14.4	42.4	18.4	-	136B	54	5533	5423	5335	5224	5092	4938	4651		
365/80R20EM	11 11SDC 12 12SDC	400	1127	484	-	153A2	3.75	2880	2830	2780	2730	2650	2575	2270		
		15.7	44.4	19.1	-	141B 136D	54	6349	6239	6128	6018	5842	5676	5004		
405/70R20EM (16/70R20)	13 13SDC 12 W14L W14L	427	1076	479	3245	155A2	3.75	3050	3000	2940	2890	2810	2725	2560		
		16.8	42.4	18.9	127.8	143B	54	6724	6613	6481	6371	6194	6007	5643		
405/70R24EM	13 SDC13	425	1180	544	3548	158A2	3.75	3360	3300	3240	3180	3090	3000	2820		
		16.7	46.5	21.4	139.7	146B	54	7407	7275	7142	7010	6812	6613	6217		
455/70R24EM	14 W14L DW14L DW15L 13SDC	473	1247	546	3763	165A2	3.75	4200	4130	4050	3980	3860	3750	3530		
		18.6	49.1	21.5	148.1	154B	54	9259	9105	8928	8774	8509	8267	7782		

SK-906**R-4**

Alliance SK-906 is more open and deeper at the shoulders for good traction in soft soil. Solid center for long wear on hard surfaces. Open, deep shoulders for off-road traction. Has highly abrasion resistant tread compound. Features a rim shield protector and a heavy sidewall. The tread radius is relatively flat which is good for wear on hard surfaces.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm				bar psi	10
		in	in					6
11L-16	W8L	267	838	376	2489	12	4.5	1900
		10.5	33	14.8	98	130A2	65	4188

585**R-4**

Alliance 585 is the perfect choice for telehandlers, backhoes and compact loaders toiling on agriculture fields and construction sites. The large multi-directional block tread design and higher tread depth ensures long life and exceptional performance on hard surfaces. Efficiency and productivity is the key to profitability and Alliance 585 is designed to provide the same.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD	Constant load								Cyclic Applications					
		mm	mm	mm	mm		bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	10 6	15 9	
		in	in	in	in			Static	10 6	20 12	25 16	30 19	40 25	50 31	10 6	15 9	
265/70R16.5 NHS (10R16.5 NHS)	8.25	264	773	352	2304	122A8	4	3450	1880	-	1640	1560	1500	1500	2250	2010	
		10.4	30.4	13.9	90.7	122B	58	7610	4150	-	3620	3440	3310	3310	4960	4430	
305/70R16.5 (12R16.5)	9.75	307	831	377	2466	132A8	4	4600	2500	-	2180	2080	2000	2000	3000	2680	
		12.1	32.7	14.8	97.1	132B	58	10140	5510	-	4810	4590	4410	4410	6610	5910	
340/80R18IND (12.5R18IND)	11 W11	345	1001	454	2975	143A8	4	6270	3410	2890	-	2830	2725	2725	4090	3650	
	W12 12 W10	13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	-	6240	6010	6010	9020	805	
400/70R18IND (16.0/70R18IND)	13 12 12SDC	404	1017	461	3026	147A8	4	7070	3840	-	3350	3200	3075	3075	4610	4120	
		15.9	40	18.1	119.1	147B	58	15590	8470	-	7390	7060	6780	6780	10160	9080	
340/80R20IND (12.5R20IND)	11 W11	343	1052	472	3126	144A8	4	6440	3500	-	3050	2910	2800	2800	4200	3750	
	1211SDC 12SDC	13.5	41.4	18.6	123.1	144B	58	14200	7720	-	6720	6420	6170	6170	9260	8270	
400/80R24IND (14.9R24IND)	DW13 W13	404	1250	567	3752	162A8	5	10930	5940	-	5180	4940	4750	4750	7130	6370	
	W14L W12 DW12	15.9	49.2	22.3	147.7	162B	73	24100	13100	-	11420	10890	10470	10470	15720	14040	
440/80R24IND (16.9R24IND)	DW14L	441	1314	592	3936	161A8	4	10640	5780	-	4900	4810	4625	4625	6940	6200	
	W15L DW15L	17.4	51.7	23.3	155	161B	58	23460	12740	-	10800	10600	10200	10200	15300	13670	
460/70R24	DW15L	471	1242	560	3704	159A8	4	10063	5469	-	4638	4550	4375	4375	6563	5863	
	DW14L DW16L	18.5	48.9	22	145.8	159B	58	22190	12060	-	10230	10030	9650	9650	14470	12930	
500/70R24	DW16L	497	1310	591	3920	164A8	4	11500	6250	-	5300	5200	5000	5000	7500	6700	
	DW15L DW18L	19.6	51.6	23.3	154.3	164B	58	25350	13780	-	11680	11460	11020	11020	16540	14770	
540/70R24	DW16L DW18L	540	1366	598	4080	168A8	4	12880	7000	-	6100	5820	5600	5600	8400	7500	
		21.3	53.8	23.5	160.6	168B	58	28400	15430	-	13450	12830	12350	12350	18520	16540	
480/80R26 (18.4R26)	W15L DW15L	484	1428	641	4258	167A8	4	12540	6810	-	5940	5670	5450	5450	8180	7300	
	DW14L W14L W16L	19.1	56.2	25.2	167.6	167B	58	27650	15010	-	13100	12500	12020	12020	18030	16090	
440/80R28	DW14L DW15L	441	1415	633	4276	163A8	4	11210	6090	-	5310	5070	4875	4875	7310	6530	
	DW16L W16L W15L	17.4	55.7	24.9	168.3	163B	58	24710	13430	-	11710	11180	10750	10750	16120	14400	

Alliance 321 plus is specially designed for construction machinery plying on various terrains carrying out wide range of operations. The modern tread pattern with higher tread depth ensures excellent traction and durability. Presence of special heat resistance compound safeguards the tire against damages and ensures long life. The optimum distance between lugs prevents stone entrapment while in operation.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD	Drive Wheel						Free Rolling									
		mm	mm	mm	mm		bar psi	Static	10 6	20 12	25 16	30 19	40 25	Static	10 6	20 12	25 16	30 19	40 25
		in	in	in	in														

12.5/80-18	W9	308	987	444	2986	16 148A8	4.9	5010	2730	2380	2310	2270	2180	7250	3940	3430	3340	3280	3150
		12.1	38.9	17.5	117	135A8	71	11050	6020	5250	5090	5000	4810	15980	8690	7560	7360	7230	6950
12.5/80-18	W9	308	987	440	2962	12 142A8	3.7	4260	2310	2020	1960	1920	1850	6100	3310	2890	2810	2760	2650
		12.1	38.9	17.3	116.6	129A8	54	9390	5090	4450	4320	4230	4080	13450	7300	6370	6200	6090	5840

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm	mm				mm	mm	bar psi	40
		in	in				in	in		25
14.9-24IND	DW13 DW13L DW12 DW11	378	1241	581	3790	12	2.9	2900		
		14.9	48.9	22.9	149.2	145A8	42	6390		
18.4-24	DW16L	467	1375	607	4216	12	2.5	3875		
		18.4	54.1	23.9	166	155A8	36	8540		
440/80-24IND (16.9-24IND)	DW15	440	1309	602	3933	12	2.6	3250		
		17.3	51.5	23.7	154.8	149A8	38	7170		
480/80-26IND (18.4-26IND)	16	467	1426	644	4212	12	2.5	4000		
		18.4	56.1	25.4	165.8	156A8	36	8820		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD	Backhoe loader													
		mm	mm	mm	mm		bar	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	
		in	in	in	in		psi										
440/80-28 IND (16.9-28 IND)	W15L	440	1410	643	4311	12	2.6	4440	4010	3870	3765	3690	3620	3550	3410	3230	
		17.3	55.5	25.3	169.7	152A8	38	9790	8840	8530	8300	8140	7980	7830	7520	7120	

MULTIUSE 550

R-4

SB

STEEL BELTED



EXCAVATOR



BACKHOE



2WD TRACTOR



4WD TRACTOR



MFWA

MULTIUSE 550 has been developed for specific applications on Backhoe loaders, Municipality and Industrial tractors (tractors dealing mostly with transport on hard surfaces and compact construction machinery). Specific block tread design enables high performances on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides good grip on soft surfaces. In addition, high number of blocks and rubber to void ratio, provides long tread life and low rolling resistances during transport operation on hard surfaces. In addition, steel belt provides the most efficient puncture protection.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
				Constant load										Cyclic operation				
		mm	mm	mm	mm		bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	65 40	70 43	10 6	15 9
		in	in	in	in													
280/80R18IND (10.5R18IND)	W9 W10 W8	282	905	414	2695	132A8	4	4600	2500	2180	2120	2080	2000	-	-	3000	2680	
		11.1	35.6	16.3	106.1	132B	58	10140	5510	4810	4670	4590	4410	-	-	6610	5910	
340/80R18 IND (12.5R18 IND)	DW11 11	343	1002	450	2957	143A8	4	6230	3398	2974	-	2832	2714	2549	2360	2148	4080	3630
		13.5	39.4	17.7	116.4	138D	58	13740	7490	6560	-	6240	5980	5620	5200	4740	9000	8000
460/70R24 (17.5LR24)	W15L W16L	460	1250	570	3772	159A8	4	10060	5470	-	4770	4550	4375	4375	-	-	6560	5860
		18.1	49.2	22.4	148.5		58	22180	12060	-	10520	10030	9650	9650	-	-	14460	12920
500/70R24 (19.5LR24)	DW15	504	1303	601	3929	164A8	4	11500	6250	5450	-	5200	5000	5000	-	-	7500	6700
		19.8	51.3	23.7	154.7	164B	58	25350	13780	12020	-	11460	11020	11020	-	-	16540	14770
540/65R28	W18L	545	1412	639	4173	160A8	3.2	10230	5580	4883	-	4650	4500	4185	3875	3526	6704	5968
		21.5	55.6	25.2	164.3	155D	46	22550	12300	10770	-	10250	9920	9230	8540	7770	14780	13160
600/70R30	DW20	613	1603	727	4792	158D	2.4	11220	6120	5355	-	5100	4625	4590	4250	3868	7353	6545
		24.1	63.1	28.6	188.7	161A8	35	24740	13490	11810	-	11240	10200	10120	9370	8530	16210	14430
540/80R38 (20.8R38)	W18L	540	1836	835	5529	172A8	3.2	14388	7848	6867	-	6540	6300	5886	5450	4960	9429	8393
		21.3	72.3	32.9	217.7	167D	46	31720	17300	15140	-	14420	13890	12980	12020	10940	20790	18500
650/65R42	DW20	618	1917	870	5822	176A8	3.2	16236	8856	7749	-	7380	7100	6642	6150	5597	-	-
		24.3	75.5	34.3	229.2	171D	46	35790	19520	17080	-	16270	15650	14640	13560	12340	-	-

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD					Backhoe Loader						Cyclic operation				
		mm	mm					mm	mm	bar	Static	10	25	30	40	50	10	15
		in	in					in	in	psi		6	16	19	25	31	6	9
500/70R24 (19.5LR24)IND	DW16L	504	1303	590	3917	164A8	4	11500	6250	5450	5200	5000	5000	7500	6700			
	DW15L	19.8	51.3	23.2	154.2	164B	58	25353	13779	12015	11464	11023	11023	108780	14771			

302

E-2/L-2/G-2



BACKHOE



UTILITY TRACTOR



WHEEL LOADER

Alliance 302 Industrial Implement tire is a heavy duty implement tire for industrial application and for all types of hard surfaces. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kinds of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		Backhoe Loader						Backhoe Loader							
		mm	mm					mm	mm	bar	20	40	bar	20	40
		in	in					in	in	psi	12	25	psi	12	25
14.9/13-28	W13	378	1343	606	3962	12	3.1	3430	3150	3.1	3870	3150			
		14.9	52.9	23.9	156	148A8	45	7562	6945	45	8532	6945			

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)												
								Speed, km/h (mph)												
		SW	OD					Constant Load Application						Cyclic Application						
		mm	mm					mm	mm	mm	mm	Static	5	10	15	20	30	40	50	bar
in	in	in	in	in	in	psi	3	6	9	12	19	25	31	psi	3	6	9	9		
16.9-28IND	W15L	429	1410	641	4239	14	3	8915	5620	4845	4380	4225	4030	3875	3525	3	8915	6470	5815	5195
	W14L	16.9	55.5	25.2	166.9	155A8	44	19654	12390	10681	9656	9315	8885	8543	7771	44	19654	14264	12820	11453

TELEHANDLER





Alliance 317 tire is designed for applications that require high traction. It is engineered to provide the best performance for on and off road services in tough weather conditions. The tire provides excellent traction to drive wheels and has a strong nylon carcass construction.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)							
		Speed, km/h (mph)													
		Drive Wheel/Free Rolling													
		SW	OD								Static	15 9	20 12	30 19	40 25
		mm	mm				mm	mm							
in	in	in	in												
10.0/75-15.3 IND	9	260	775	360	2334	12	4.7	2810	2190	1940	1700	1550			
		10.2	30.5	14.2	91.9	126A6	68	6195	4828	4277	3748	3373			

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)			
								Speed, km/h (mph)			
		SW	OD					Drive Wheel	Free Rolling		
		mm	mm				mm	mm	bar	40	40
		in	in				in	in	psi	25	25
10.0/75-15.3 IMP	9	264	778	360	2405	18	7.1	1550	2180		
		10.4	30.6	14.2	94.7	123A8	103	3420	4810		
11.5/80-15.3 IMP	9	300	867	400	2646	18	6	1900	2650		
		11.8	34.1	15.7	104.2	130A8	87	4190	5840		

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	PR Load Index / Star Rating	Inflation Pres- sure	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		SW	OD	Implement												
		mm	mm	mm	mm	Speed	bar	15 9	20 12	30 19	40 25	50 31	60 37	70 43	80 50	90 56
		in	in	in	in	Symbol	psi									
16.0/70-20	13.00	418	1097	490	3220	14	3.5	4790	4350	3630	3340	3250	3190	3100	3015	2900
		16.5	43.2	19.3	126.8	145G	51	10560	9590	8003	7363	7165	7033	6834	6647	6393

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	PR Load Index / Star Rating	Inflation Pressure	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD	Compact Wheel Loader												
		mm	mm	mm	mm	Speed	bar	5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
		in	in	in	in	Symbol	psi									
12.0-18	9	294	949	426	2795	12	4.5	6840	3840	3230	3040	2900	2810	2710	2630	2580
		11.6	37.4	16.8	110	145A6	65	15080	8466	7121	6702	6393	6195	5975	5798	5688

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	PR Load Index / Star Rating	Inflation Pressure	Recommend load, kg (lbs)														
		SW	OD					Speed, km/h (mph)														
								mm	mm	mm	mm	Speed	bar	15 9	20 12	30 19	40 25	50 31	60 37	70 43	80 50	90 56
												Symbol										
12.5-18MPT	11	325	990	450	2940	16	4.5	3700	3360	2800	2580	2510	2460	2400	2330	2240						
		12.8	39	17.7	115.7	136G	65	8157	7408	6173	5688	5534	5423	5291	5137	4938						

695

E-3/L-3

CRC

CUT
RESISTANT
COMPOUND

WHEEL LOADER

ARTICULATED
DUMP TRUCK

TELEHANDLER

Alliance 695 is the new addition to the construction and mining range of tires. It is designed for a variety of terrains from soft muddy soil to gravelly rocky terrain. The advanced S pattern provides optimum traction, excellent stability, and durability to ensure maximum productivity.



Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Telehandler Application	
		in	in	in	in		bar	40
								psi
15.5-25	12.0/1.3	394	1278	579	3758	12	2.5	3250
		15.5	50.3	22.8	148		36	7165

570

R-4

SB

STEEL
BELTED

BACKHOE



TELEHANDLER



MFWA

Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its basic lug design provides excellent grip and traction on soft surfaces, while more rubber around the center line enables smooth and stable run on road. The strong polyester construction reinforced by steel belts enables higher vehicle speed as well as increased puncture protection.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)									
								Recommended load, kg (lbs)									
		For tractors and telescopic handlers															
		SW	OD														
		mm	mm	mm	mm	bar	10	20	30	40	50	60	70	80	90		
in	in	in	in	psi	6	12	19	25	31	37	43	50	56				
405/70R20 MPT	13	421	1080	500	3281	136G	4	4030	3360	2800	2580	2510	2460	2400	2330	2240	
		16.6	42.5	19.7	129.2		58	8885	7408	6173	5688	5534	5423	5291	5137	4938	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)				
								Recommended load, kg (lbs)				
		Telehandler										
		SW	OD									
		mm	mm				mm	mm	bar	10	20	30
in	in	in	in	psi	6	12	19	25	31			
405/70R20 EM	W13	421	1080	495	3291	143B	3.75	3870	3520	3160	2970	2725
		16.6	42.5	19.5	129.6	155A2	54	8532	7760	6967	6548	6008

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW	OD	mm	mm	Constant load						Cyclic							
		mm	mm			Static	10 6	15 9	25 16	30 19	40 25	Static	10 6	15 9	25 16	30 19	40 25		
		in	in			in	in	bar psi											
500/85R24	W15L W16L	500	1458	625.1	4273	171A8	2.8	9990	5950	5655	5060	4760	4250	10150	8610	8180	7320	6890	6150
		19.7	57.4	24.6	168.2		41	22024	13117	12467	11155	10494	9370	22377	18982	18034	16138	15190	13558
620/70R30	DW20B DW18L	608	1622	703	4836	178A8 166A8	2.4	12460	7420	7050	6310	5940	5300	12380	10500	9980	8930	8400	7500
		23.9	63.9	27.7	190.4		35	27470	16360	15540	13910	13100	11680	27290	23150	22000	19690	18520	16540

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW	OD					mm	mm	Constant load						Cyclic			
				mm	mm					in	in	Static	10 6	20 12	25 16	30 19	40 25	50 31	10 6
		in	in	in	in		in	in	bar psi										
425/55R17 Steel Belted	13	425 16.7	890 35	395 15.6	2663 104.8	140A8 140B	3.5	5750	3750	-	-	2680	2500	2500	4380	-	2750	2500	2500
							51	12680	8270	-	-	5910	5510	5510	9660	-	6060	5510	5510
425/55R17	13	425 16.7	890 35	347 13.7	2663 104.8	142A8 142B	4	6095	3313	-	-	2889	2809	2756	2650	-	2412	3975	3551
							58	13437	7304	-	-	6369	6193	6076	5842	-	5318	8763	7829
425/55R17	SDC 13	425 16.7	890 35	400 15.7	2656 104.6	140A8	3.8	5750	3125	2725	2650	2600	2500	2275	3750	3350	-	-	-
							55	12677	6889	6008	5842	5732	5512	5016	8267	7385	-	-	-
425/55R17	13	425 16.7	890 35	347 13.7	2663 104.8	142A8	4	6095	3313	2889	2809	2756	2650	2412	3975	3551	-	-	-
							58	13437	7304	6369	6193	6076	5842	5318	8763	7829	-	-	-
400/70-20	11	413 16.3	1093 43	491 19.3	3334 131.3	150B 161A2	4	8400	4625	-	-	3800	3650	3320	5480	-	3910	3650	3320
							58	18519	10196	-	-	8378	8047	7319	12081	-	8620	8047	7319
19.5LR24	W16L	495 19.5	1320 52	600 23.6	3912 154	149A8 146B	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960	-	-	-
							36	16491	8951	7319	7165	6526	10759	7672	7165	6526	-	-	-
19.5LR24	W16L	495 19.5	1320 52	600 23.6	3912 154	156A8 158B	3	9200	5000	4080	4000	3640	6000	4280	4000	3640	-	-	-
							44	20283	11023	8995	8818	8025	13228	9436	8818	8025	-	-	-
460/70R24 (17.5LR24)	W15L	445 17.5	1250 49.2	564 22.2	3682 145	150A8 147B	3	7705	4188	3652		3484	3350	3350	4188	-	3585	3350	3350
							44	16987	9233	8051		7681	7385	7385	9233	-	7904	7385	7385
460/70R24 (17.5LR24)	W15L W14L	445 17.5	1245 49	564 22.2	3682 145	145A8 142B	2.5	6670	3630	-	-	2960	2900	2900	4350	-	3100	2900	2900
						36	14710	8000	-	-	6530	6390	6390	9590	-	6830	6390	6390	
						159A8 159B	4	10060	5470	-	-	4680	4375	4375	6560	-	4680	4375	4375
						58	22180	12060	-	-	10320	9650	9650	14460	-	10320	9650	9650	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW	OD																mm
		mm	mm	mm	mm			bar psi											
		in	in	in	in														
445/70R24	DW15L	445	1234	567	3778	151G	4	8630	6210	5180	4310	3970	3860	3800	3690	3590	3450		
	DW14L W14L	17.5	48.6	22.3	148.7		58	19030	13690	11420	9500	8750	8510	8380	8140	7920	7610		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)			
								Recommended load, kg (lbs)			
								BackHoe			
		SW	OD								
		mm	mm	mm	mm		bar	psi	40 25	50 31	
in	in	in	in								
17.5L-24 IND	W15L	445	1245	571	3683	12 150A8	2.5	3350	3075		
		17.5	49	22.5	145	147B	36	7390	6780		

COMPACT
LOADER

BACKHOE



TELEHANDLER

Alliance 608 is an innovative approach to compact machinery tire design. It provides low motion resistance which contributes to lower fuel consumption of compact machines. The tire's tread pattern is an optimized on/off road pattern with shoulder lugs for traction in the fields, as well as long tread life because of massive central blocks when the machine works on harder surfaces. The tire construction includes both, all fabric and steel belted variants.



SIZE	RIM	P.R. & LI	Type	OD	SW	Rolling Circumference	Loaded Static Radius	Recommend load, kg (lbs)	Inflation Pressure	Speed, km/h (mph)
				mm in	mm in	mm in	mm in		bar psi	
365/70R18 IND	11 13	146A2 135B	TL	969	360	2922	433	3000	5.4	10
				38.1	14.2	115	17	6614	78.3	6

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in				psi	10 6	50 31
405/70R18 IND (16/70R18 IND)	13	407	1025	461	3097	153A2	3.75	3650	2575
		16	40.4	18.1	121.9	141B	54	8047	5677
365/80R20IND (14.5R20IND)	11 11SDC 1212SDC	360	1092	478	3326	153A2	3.75	3650	2575
		14.2	43	18.8	130.9	141B	54	8047	5677
405/70R20IND (16/70R20IND)	W13	407	1076	475	3234	155A2	3.72	3875	2725
		16	42.4	18.7	127.3	143B	54	8543	6008
405/70R24IND (16/70R24IND)	DW13	407	1178	543	3552	158A2	3.7	4250	3000
		16	46.4	21.4	139.8	146B	54	9370	6614
460/70R24IND (17.5L24IND)	W15	455	1254	557	3635	165A2	4	5150	3750
		17.9	49.4	21.9	143.1	154B	58	11354	8267

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Constant Load Application							
		mm in	mm in	mm in	mm in		psi	Static	15 9	20 12	25 16	30 19	40 25	50 31	
335/80R18IND (12.5/80R18IND)	W11 18	339	993	449.3	2960	136A8	3.2	-	2530	2440	2370	2330	2240	-	
		13.3	39.1	17.7	116.5		46	-	5578	5379	5225	5137	4938	-	
335/80R20IND (12.5R20IND)	11 SDC11	337	1044	469	2955	147A2	3.75	5150	2510	2460	2420	2370	2310	2240	
		13.3	41.1	18.5	116.3	136B	54	11354	5534	5423	5335	5225	5093	4938	

SIZE	P.R. & LI	TYPE	RIM	OD	SW	Rolling Circumference	Loaded Static Radius	Recommend load, kg (lbs)	Inflation Pressure	Speed, km/h (mph)
				mm in	mm in	mm in	mm in		bar psi	
365/70R18 IND	146	TL	11 13	969	360	2922	433	3000	54	10
				38.1	14.2	115	17	6614	783	6

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
								Off-the road			
		mm in	mm in	mm in	mm in		psi	Static	5 3	10 6	25 16
335/80R20IND (12.5R20IND)	11 SDC11	337	1044	469	2955	147A2	3.7	4920	3510	3075	2640
		13.3	41.1	18.5	116.3	136B	54	10850	7740	6780	5820

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
								Compact Wheel Loader			
							mm in	mm in	mm in	mm in	psi
335/80R18EM	11	371	984	445	2979	145A2	3.75	4640	3310	2900	2320
		14.6	38.7	17.5	117.3	134B	54	10230	7300	6390	5120
365/70R18EM	11 W11 13	400	1000	434	2902	146A2	3.75	4800	3420	3000	2400
		15.7	39.4	17.1	114.3	135B	54	10580	7540	6610	5290
405/70R18EM	13	452	1070	471	3102	153A2	3.75	5840	4160	3650	2920
		17.8	42.1	18.5	122.1	141B	54	12880	9170	8050	6440
335/80R20EM (12.5R20)	11 11SDC 12 12SDC	366	1076	468	-	147A2	3.75	4920	3510	3075	2460
		14.4	42.4	18.4	-	136B	54	10850	7740	6780	5420
365/80R20EM	11 11SDC 12 12SDC	400	1127	484	-	153A2	3.75	5840	4160	3650	2920
		15.7	44.4	19.1	-	141B	54	12880	9170	8050	6440
405/70R20EM (16/70R20)	13 13SDC 12 W14L DW14L	427	1076	479	3245	155A2	3.75	6200	4420	3875	3100
		16.8	42.4	18.9	127.8	143B	54	13670	9740	8540	6830
405/70R24EM	13 SDC13	425	1180	544	3548	158A2	3.75	6800	4850	4250	3400
		16.7	46.5	21.4	139.7	146B	54	14990	10690	9370	7500

580

R-4

SB

STEEL
BELTED

Alliance 580's unique tread pattern enables strong grip and high traction performance on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road making it a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW	OD					Constant Load						Cyclic operation					
							mm	mm	mm	mm	mm	mm	Static	10 6	25 16	30 19	40 25	50 31	Static
in	in	in	in	in	in	bar psi													
280/80R18 (10.5R18)	W9 W10	282	905	415	2776	132A8	4	4600	2500	2120	2080	2000	2000	4600	3000	-	2000	200	
		11.1	35.6	16.3	109.3	132B	58	10140	5510	4670	4590	4410	4410	10140	6610	-	4410	4410	
340/80R18IND (12.5/80R18IND)	1112 W11 W12 W10	350	1001	453	3022	143A8	4	6268	3406	2889	2834	2725	2725		4088	3652	-	-	
		13.8	39.4	17.8	119	143B	58	3823	7507	6371	6250	6008	6008	13823	9017	8047	-	-	
400/70R18IND (16.0/70R18IND)	W13 W12 13 13.00 12	410	1021	461	3073	147A8	4	7073	3844	3260	3198	3075	3075	-	4613	4121	-	-	
		16.1	40.2	18.1	121	147B	58	15593	8475	7187	7050	6779	6779	-	10170	9085	-	-	
280/80R20IND (10.5R20 IND)	W9 W8 W10	282	956	437	2846	133A8	4	4738	2575		2142	2060	2060	-	3090	2760	-	-	
		11.1	37.6	17.2	112	133B	58	10445	5677		4722	4542	4542	-	6812	6085	-	-	
340/80R20 (12.5R20)	11 W11 W10 12 12SDC	343	1052	477	3159	144A8	4	6440	3500	2968	2912	2800	2800	-	4200	3752	-	-	
		13.5	41.4	18.8	124.4	144B	58	14198	7716	6543	6420	6173	6173	-	9259	8272	-	-	
380/75R20IND (14.5/75R20IND)	12 W12 W11 W13 13SDC	380	1078	485	3121	148A8	4	7245	3938	3339	3276	3150	3150	-	4725	4221	-	-	
		15	42.4	19.1	122.9	148B	58	15972	8682	7361	7222	6945	6945	-	10417	9306	-	-	
400/70R20 (16.0/70R20)	13 W13 13SDC W12 12SDC	410	1072	485	3215	149A8	4	7480	4060	3450	3380	3250	3250	7480	4880	-	3250	3250	
		16.1	42.2	19.1	126.6	149B	58	16490	8950	7605	7451	7165	7165	16490	10758	-	7165	7165	
405/70R24IND (16.0/70R24IND)	13	404	1170	538	3521	152A8	4	8165	4438	3763	3692	3550	3231	-	5325	4757	-	-	
		15.9	46.1	21.2	138.6	152B	58	18000	9784	8295	8139	7826	7123	-	11739	10487	-	-	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW	OD					Constant Load						Cyclic operation					
		mm in	mm in				mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	Static	10 6	15 9	40 25	50 31
440/80R24 (16.9R24)	DW14L WD15L TW14L	449	1309	591	3974	161A8	4	10640	5780	5040	4810	4625	4625	-	5630	5030	-	-	
		17.7	51.5	23.3	156.5	161B	58	23460	12740	11110	10600	10200	10200	-	12410	11090	-	-	
460/70R24 (17.5LR24)	DW15L DW16L DW14L 14	462	1250	573	3797	159A8	4	10060	5470	4640	4550	4375	4375	-	6560	5860	-	-	
		18.2	49.2	22.6	149.5	159B	58	22178	12059	10229	10031	9645	9645	-	14462	12919	-	-	
500/70R24 (19.5LR24)	DW16L DW15L DW18L	505	1308	600	3983	164A8	4	11500	6250	5300	5200	5000	5000	-	7500	6700	-	-	
		19.9	51.5	23.6	156.8	164B	58	25353	13778	11684	11464	11023	11023	-	16534	14770	-	-	
480/80R26IND (18.4R26IND)	DW15L DW16L DW18L DW15	479	1428	634	4248	160A8	3.2	10350	5625	4770	4680	4500	4500	-	6750	6030	-	-	
		18.9	56.2	25	167.2	160B	46	22817	12401	10516	10317	9920	9920	-	14881	13293	-	-	
440/80R28	DW14L	460	1410	640	4281	156A8	3.2	9200	5000	4360	4160	4000	4000	-	6000	5360	4000	4000	
		18.1	55.5	25.2	168.5	156B	46	20282	11023	9612	9171	8818	8818	-	13227	11816	8818	8818	
500/70R28	DW16L DW15L DW18L	503	1411	643	4187	164A8	4	11500	6250	-	5200	5000	4550	-	7500	6700	-	-	
		19.8	55.6	25.3	164.8	164B	58	25353	13778	-	11464	11023	10031	-	16534	14770	-	-	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)													
								Recommended load, kg (lbs)													
		SW	OD					Constant Load							Infl. press.	Cyclic Applcation					
							mm	mm	mm	mm	mm	mm	mm	bar psi		Static	10 6	25 16	30 19	40 25	50 31
		in	in				in	in	in	in	in	in	in	in	in	in	in	in	in	in	in
300/75R18	W9	295	908	412	2726	142A8	5	6095	3313	2809	2756	2650	2650	5	3975	3551					
		11.6	35.7	16.2	107.3	142B	73	13437	7303	6192	6075	5842	5842	73	8763	7828					


TI323

Alliance 323 Traction Industrial is an agro-industrial tire for telehandlers and compact loaders. The tread pattern ensures a superior grip on softer surfaces and a comfortable ride on harder surfaces. The robust nylon construction provides excellent stability while lifting high loads. It is well equipped to perform on & off-road applications with equal ease. The presence of cut, chip, and wear resistance compounds ensures longer tire life. High traction, exceptional load-carrying capacity and excellent self-cleaning make it the perfect choice for OEMs worldwide.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)
								Recommended load, kg (lbs)
		SW	OD					
		mm	mm				mm	
		in	in	in	in		bar psi	50 31
405/70-20 (16/70-20)	13	407	1076	488	3251	14	3.5	3250
		16	42.4	19.2	128	149B	51	7165
405/70-20	13	407	1076	481	3180	16	4	3550
		16	42.4	18.9	125.2	152B	58	7830
405/70-24	13	407	1178	546	3460	14	4	3550
		16	46.4	21.5	136.2	152B	58	7826

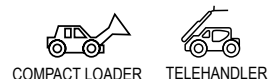
Alliance 585 is the perfect choice for telehandlers, backhoes and compact loaders toiling on agriculture fields and construction sites. The large multi-directional block tread design and higher tread depth ensures long life and exceptional performance on hard surfaces. Efficiency and productivity is the key to profitability and Alliance 585 is designed to provide the same.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		SW	OD				Constant load				Cyclic Applications				
							mm	mm	mm	mm	mm	mm	mm	mm	
				in	in	in	in	in	in	in	in				
265/70R16.5 NHS (10R16.5 NHS)	8.25	264	773	352	2304	122A8	4	3450	1880	1640	1560	1500	1500	-	-
		10.4	30.4	13.9	90.7	122B	58	7610	4150	3620	3440	3310	3310	-	-
305/70R16.5 (12R16.5)	9.75	307	831	377	2466	132A8	4	4600	2500	2180	2080	2000	2000	-	-
		12.1	32.7	14.8	97.1	132B	58	10140	5510	4810	4590	4410	4410	-	-
340/80R18IND (12.5R18IND)	11 W11 W12 12 W10	345	1001	454	2975	143A8	4	6270	3410	2890	2830	2725	2725	-	-
		13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	6240	6010	6010	-	-
400/70R18IND (16.0/70R18IND)	13 12 12SDC	404	1017	461	3026	147A8	4	7070	3840	3350	3200	3075	3075	-	-
		15.9	40	18.1	119.1	147B	58	15590	8470	7390	7060	6780	6780	-	-
340/80R20IND (12.5R20IND)	11 W11 12 11SDC 12SDC	343	1052	472	3126	144A8	4	6440	3500	3050	2910	2800	2800	-	-
		13.5	41.4	18.6	123.1	144B	58	14200	7720	6720	6420	6170	6170	-	-
400/70R20IND (16/70R20IND)	W13 W12 12SDC 13SDC W14L	404	1067	485.4	3237	149A8	4	7480	4060	3450	3380	3250	3250	4880	4360
		15.9	42	19.1	127.4	149B	58	16490	8950	7610	7450	7170	7170	10760	9610
400/80R24IND (14.9R24IND)	DW13 W13 W14L W12 DW12	404	1250	567	3752	162A8	5	10930	5940	5180	4940	4750	4750	-	-
		15.9	49.2	22.3	147.7	162B	73	24100	13100	11420	10890	10470	10470	-	-
440/80R24IND (16.9R24IND)	DW14L W15L DW15L	441	1314	592	3936	161A8	4	10640	5780	4900	4810	4625	4625	-	-
		17.4	51.7	23.3	155	161B	58	23460	12740	10800	10600	10200	10200	-	-
460/70R24	DW15L DW14L DW16L	471	1242	560	3704	159A8	4	10063	5469	4638	4550	4375	4375	-	-
		18.5	48.9	22	145.8	159B	58	22190	12060	10230	10030	9650	9650	-	-
500/70R24	DW16L DW15L DW18L	497	1310	591	3920	164A8	4	11500	6250	5300	5200	5000	5000	-	-
		19.6	51.6	23.3	154.3	164B	58	25350	13780	11680	11460	11020	11020	-	-
540/70R24	DW16L DW18L	540	1366	598	4080	168A8	4	12880	7000	6100	5820	5600	5600	-	-
		21.3	53.8	23.5	160.6	168B	58	28400	15430	13450	12830	12350	12350	-	-
480/80R26 (18.4R26)	W15L DW15L DW14L W14L W16L	484	1428	641	4258	167A8	4	12540	6810	5940	5670	5450	5450	-	-
		19.1	56.2	25.2	167.6	167B	58	27650	15010	13100	12500	12020	12020	-	-
440/80R28	DW14L DW15L DW16L W16L W15L	441	1415	633	4276	163A8	4	11210	6090	5310	5070	4875	4875	-	-
		17.4	55.7	24.9	168.3	163B	58	24710	13430	11710	11180	10750	10750	-	-

323

R-1



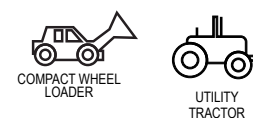
Alliance 323 Agriculture tire is designed for tractors, implements, self-propelled harvesting equipment and light industrial/construction applications. It has superior carcass casing and bead construction for better the tire life. The extra deep lug provides good performance under severe working conditions. The specially designed directional tread pattern provides excellent traction and self-cleaning properties. The tire is made of special rubber compound which provides greater resistance to tire failure, tear resistance, thus enhancing the tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)
								Recommended load, kg (lbs)
		SW	OD					
		mm	mm				mm	mm
405/70-20	13	407	1076	493	3263	14	3.5	3250
		16	42.4	19.4	128.5	149B	51	7170
		407	1076	493.1	3265.8	16PR	4	3550
		16	42.4	19.4	128.6	152B	58	7826

TOUGH TRAC 325

R-4



Alliance 325 ToughTrac tire is designed for heavy-duty applications with very good resistance to shock and perforation. This tire has a specially designed directional tread pattern with a massive lug design, aggressive tread pattern, and flat, stable crown having an extra thick sidewall and under the tread, making it ideal for compact machinery.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load				
								Speed				
		SW	OD				Recommended Load Capacity					
		mm	mm				Static	10	25	30	40	
		in	in				in	in	in	in	in	in
400/80-24 (15.5/80-24)	DW13	404	1250	568	3725	162A8	5	10930	5940	5040	4940	4750
		15.9	49.2	22.4	146.7		73	24100	13100	11110	10890	10470
440/80-24IND (16.9/80-24IND)	14	441	1314	603	3971	168A8	5	12880	7000	5940	5820	5600
		17.4	51.7	23.7	156.3		73	28400	15430	13100	12830	12350

697 MPT

R-4



CHIP & CHUNK
RESISTANT
COMPOUND



WEAR
RESISTANCE
COMPOUND



PUNCTURE
RESISTANCE
COMPOUND



COMPACT
WHEEL LOADER



TELEHANDLER



COMPACTOR

Alliance 697 is a specially designed Agro-Industrial tire suitable for multi-purpose vehicles in municipality, maintenance, field and road transport on machines like Telehandler, Compact wheel loader, compactors, multi purpose trucks and implements.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW	OD				mm	mm	bar psi	Multi Purpose									
				Static	10					20	30	40	50	60	65	70	80	90	
					6					12	19	25	31	37	40	43	50	56	
10.5-18 MPT (265/85-18 MPT)	9	270	905	415	2739	10	3.75	-	-	-	-	-	-	-	-	-	-	1700	
		10.6	35.6	16.3	107.8	126G	54	-	-	-	-	-	-	-	-	-	-	3750	
10.5-20 MPT (265/85-20 MPT)	9	270	955	444	2889	10	3.75	-	-	-	-	-	-	-	-	-	-	1800	
		10.6	37.6	17.5	113.7	128G	54	-	-	-	-	-	-	-	-	-	-	3970	
12.5-20 MPT (315/85-20 MPT)	11	330	1040	480	3139	12	3.5	5000	3600	3000	2500	2300	2240	2200	2170	2140	2080	2000	
		13	40.9	18.9	123.6	132G	51	11020	7940	6610	5510	5070	4940	4850	4780	4720	4590	4410	
14.5-20 MPT (350/85-20 MPT)	11	355	1095	497	3256	12	3	5600	4030	3360	2800	2580	2510	2460	2430	2400	2330	2240	
		14	43.1	19.6	128.2	136G	44	12350	8890	7410	6170	5690	5530	5420	5360	5290	5140	4940	
16/70-20 MPT (405/70-20 MPT)	13	407	1085	489	3272	14	3.5	-	-	-	-	-	-	-	-	-	-	2900	
		16	42.7	19.3	128.8	145G	51	-	-	-	-	-	-	-	-	-	-	6390	

COMPACT WHEEL LOADER, UTILITY TRACTOR AND OTHER INDUSTRIAL & CONSTRUCTION



225

E-2



The tread pattern of 225 MPT is designed for self-cleaning as well as for smooth on road driving. The diagonal lug design of the tire provides best traction in all services, terrain and weather conditions besides improving resistance to side slips. Its wide based design provides high flotation properties and permits low inflation pressure. For free rolling and better mileage on road service, it is recommended to mount tires in opposite direction than usual.



Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Compact wheel loader									
								mm in	mm in	mm in	mm in	bar psi	15 9	20 12	30 19	40 25	50 31
12.5-18MPT	10 11	325	990	450	2940	10	3.7	2970	2700	2250	2070	2020	1980	1950	1930	1870	1800
		12.8	39	17.7	115.7	131D	54	6550	5950	4960	4560	4450	4370	4300	4260	4120	3970

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD	Compact Wheel Loader					
		mm in	mm in	mm in	mm in		bar psi	80 50	
12.5-20	11	325	1040	473	3062	12	3.5	2060	
		12.8	40.9	18.6	120.6	133F	51	4540	

229



The Alliance 229 is specially designed keeping in mind the requirements of compact wheel loaders, backhoe loaders and excavators. The advanced tread pattern with wide and well-spaced lugs ensure high traction, excellent self-cleaning and enhanced riding comfort. Robust carcass and sidewall construction provides superior load carrying capacity and safeguards the tire against damages.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				mm in	mm in		mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37
12.5-18MPT	11 SDC11	335	1000	462	2951	10	3.2	4490	3510	3220	2940	2650	2360	2090	1950	
		13.2	39.4	18.2	116.2	131D	46	9900	7740	7100	6480	5840	5200	4610	4300	
12.5-20IMP	11 SDC11	335	1050	486	3180	10	3.2	4600	3600	3300	3020	2720	2420	2140	2000	
		13.2	41.3	19.1	125.2	132D	46	10140	7940	7280	6660	6000	5340	4720	4410	

312

I-3



Alliance 312 is a Grassland Flotation Tire (High Flotation) which improves mobility of utility vehicles and agricultural implements. It can replace dual tire configurations. The tire can carry heavy load with low inflation pressure and rolling resistance. Its large footprint minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
				Compact Wheel Loader					
				mm in	mm in		mm in	mm in	bar psi
30X14.50-15	13LB	370	760	362	2318	10	4.1	1250	
		14.6	29.9	14.3	91.3	116BB/116B	59	2760	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index / Star Rating	Inflation Pressure	Recommended load, kg (lbs)				
		SW	OD			Speed		Speed, km/h (mph)				
								Free rolling				
		mm in	mm in	mm in	mm in	Symbol	bar psi	10 6	25 16	30 19	40 25	50 31
26X12.00-12NHS	10.5	289	665	299.4	1976	4	0.8	660	560	530	470	420
						94A8/93B	2	940	800	750	670	600
		11.4	26.2	11.8	77.8		29	2072	1764	1653	1477	1323

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index / Star Rating	Inflation Pressure	Recommended load, kg (lbs)				
		SW	OD			Speed		Speed, km/h (mph)				
								Implement				
		mm in	mm in	mm in	mm in	Symbol	bar psi	Static	10 6	25 16	30 19	40 25
26X12.00-12NHS	10.5	289	665	292	1929	103A8/101A6	2.1	1440	1225	1041	980	875
		11.4	26.2	11.5	75.9		30	3175	2701	2295	2161	1929

317

R-4



TELEHANDLER



BACKHOE



COMPACT WHEEL LOADER



UTILITY TRACTOR

Alliance 317 tire is designed for applications that require high traction. It is engineered to provide the best performance for on and off road services in tough weather conditions. The tire provides excellent traction to drive wheels and has a strong nylon carcass construction.



Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)														
								Speed, km/h (mph)														
		SW	OD					Compact wheel Loader														
				mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	60 37	70 43	80 50
10.5-18	9	270	905	415	2700	10	3.75	-	-	-	2810	2550	-	2130	-	1960	-	1900	1870	1820	1770	1700
		10.6	35.6	16.3	106.3	126G	54	-	-	-	6195	5622	-	4696	-	4321	-	4189	4123	4012	3902	3748
		270	905	428	2782	12	4.5	-	-	-	3140	2850	-	2380	-	2190	-	2130	2090	2030	1975	1900
		10.6	35.6	16.9	109.5	130G	65	-	-	-	6923	6283	-	5247	-	4828	-	4696	4608	4475	4354	4189
12.5-18	11	325	990	456	2986	10	3	-	-	-	2970	2700	-	2250	-	2070	-	2000	-	-	-	-
		12.8	39	18	117.6	132B	44	-	-	-	6548	5952	-	4960	-	4960	-	4409	-	-	-	-
14.5-20	11	355	1095	504	3266	14	3.5	6920	4930	4325	3765	3635	3460	3330	3200	3030	2900	2725	-	-	-	-
		14	43.1	19.8	128.6	143B	51	15256	10869	9535	8300	8014	7628	7341	7055	6680	6393	6008	-	-	-	-

Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD	Drive Wheel					Free Rolling								
		mm in	mm in	mm in	mm in		psi	Static	10 6	20 12	30 19	40 25	Static	10 6	20 12	30 19	40 25
12.0/75-18	W9	299	915	411	2722	12	4	-	2190	1938	1700	1550	-	3130	2770	2430	2180
		11.8	36	16.2	107.2	139A6	58	-	4828	4273	3748	3417	-	6900	6107	5357	4806
12.5/80-18IMP	W9W11	308	965	448	3003	12	3.7	4350	2390	2110	1850	1650	4370	3420	3020	2650	2360
		12.1	38	17.6	118.2	142A6/138A8 129A6/125A8	54	9590	5269	4652	4079	3638	9634	7540	6658	5842	5203

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
				Free Rolling					
		mm in	mm in	mm in	mm in		bar psi	40 25	50 31
11.5/80-15.3IMP	9.00	300	867	400	2646	18	6	2650	1900
		11.8	34.1	15.7	104.2	142/130	87	5842	4189
16.0/70-20 IMP (405/70-20 IMP)	13SDC	418	1075	502	3276	14	3.5	-	3250
		16.5	42.3	19.8	129	149B	51	-	7165

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index / Star Rating	Infl. press	Recommended load, kg (lbs)														
								Speed, km/h (mph)														
		SW	OD			Speed		Drive Wheel							Free Rolling							
		mm in	mm in	mm in	mm in		Symbol	bar psi	10 6	15 9	20 12	25 16	30 19	35 22	40 25	static	10 6	15 9	20 12	25 16	30 19	35 22
10.5/80-18IMP	W9	274 10.8	907 35.7	408 16.1	2670 105.1	10PR 131A6(127A8) 131A6(127A8)	3.7 54	1750 3858	- -	1550 3417	- -	1360 2998	- -	1220 2690	- -	2520 5556	- -	2220 4894	- -	1950 4299	- -	1760 3880
		285 11.2	867 34.1	383 15.1	2520 99.2	8PR 126A6(123A8) 114A6(110A8)	280 4061	2805 6184	2195 4839	2055 4530	1940 4277	1820 4012	1700 3748	1615 3560	1550 3417	2775 6118	1520 3351	1430 3153	1345 2965	1265 2789	1180 2601	1120 2469

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index / Star Rating	Infl. press	Recommended load, kg (lbs)								
						Speed		Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	Symbol	bar psi	15 9	20 12	30 19	40 25	50 31
12.5-18MPT	11	325	990	450	2940	16PR	4.5	3700	3360	2800	2580	2510	2460	2400	2330	2240
		12.8	39	17.7	115.7	136G	65	8157	7408	6173	5688	5534	5423	5291	5137	4938

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index / Star Rating	Infl. press	Recommended load, kg (lbs)
						Speed		Speed, km/h (mph)
		SW	OD					Symbol
		mm in	mm in	mm in	mm in	50 31		
12.5-18MPT	11	325	990	415	2790	12PR	4.9	2180
		12.8	39	16.3	109.8	135B	71	4806

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index / Star Rating	Infl. press	Recommended load, kg (lbs)								
						Speed		Speed, km/h (mph)								
		SW	OD													
		mm in	mm in	mm in	mm in	mm in	Symbol	bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 43	80 50
14.5-20MPT	11	355	1095	500	3260	10	2.5	3300	3000	2500	2300	2240	2200	2140	2080	2000
		14	43.1	19.7	128.3	132G	36	7275	6614	5512	5071	4938	4850	4718	4586	4409



Alliance 326 Wide Grip Loader Dozer tire is a wide base tubeless tire. It is designed for superior self-cleaning, high traction and high flotation in all off road applications. Its heavy-duty nylon construction and weather ozone-resistant rubber compounds ensure longer tire life on all types of services.



Size	Rim	Unloaded Dimension		Loaded Static Radius	RC	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
								Compact wheel Loader			
		mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6	25 16
16.0/70-20EM (405/70-20EM)	13SDC	407 16	1076 42.4	475 18.7	3130 123.2	14 166A2	4.5 65	8480 18700	5990 13210	5300 11680	4510 9940

TRANSPORT

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		mm in	mm in	mm in	mm in		15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	
16/70-20	13DC max.10 13SDC 14 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10	2.5	2880	2830	2780	2730	2650	2575	2500	2370
						141B	36	6350	6240	6130	6020	5840	5680	5510	5230
						134D									
						14	3.5	3640	3580	3510	3450	3350	3250	3150	2990
						149B 143D	51	8030	7890	7740	7610	7390	7170	6950	6590
16/70-24 EM (405/70-24)	13.00SDC 12DC	407 16	1178 46.4	577 22.7	3660 144.1	10	2.5	3050	3000	2940	2890	2810	2725	2640	2510
						143B 137D	36	6720	6610	6480	6370	6200	6010	5820	5530
						14	3.5	3980	3910	3830	3760	3660	3550	3440	3270
						152B 145D	51	8770	8620	8440	8290	8070	7830	7580	7210
						12	2.5	4760	4680	4590	4510	4380	4250	4120	3910
20-24EM (22/70-24)	16.00 T SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	158B 152D	36	10490	10320	10120	9940	9660	9370	9080	8620
						14	3	5460	5360	5270	5170	5020	4875	4730	4490
						163B 156D	44	12040	11820	11620	11400	11070	10750	10430	9900

LOADER DOZER

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommended Load				Recommended Load				
		mm in	mm in					mm in	mm in	Speed			Inflation Pressure	Speed		
										Hard Improved Surfaces				Off-the road		
										Static	5 3	10 6		25 16	bar psi	Static
16/70-20 EM (405/70-20)	13DC max.10PR 13SDC 14PR 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10	3.9	7430	5980	5570	5160	3.25	6600	4660	4125	3510
						157A2	57	16380	13180	12280	11380	47	14550	10270	9090	7740
						14	5.4	9540	7690	7160	6630	4.5	8480	5990	5300	4510
						166A2	78	21030	16950	15790	14620	65	18700	13210	11680	9940
16/70-24 EM (405/70-24)	13.00 DC	407 16	1178 46.4	577 22.7	3660 144.1	10	3.9	8550	6890	6410	5940	3.25	7600	5370	4750	4040
						162A2	57	18850	15190	14130	13100	78	23020	18540	17260	15980
						14	5.4	10440	8410	7830	7250	4.5	9280	6550	5800	4930
						169A2	47	16760	11840	10470	8910	65	20460	14440	12790	10870
20-24EM (22/70-24)	16.00 T, SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	12	3.6	11700	9430	8780	8130	3	10400	7350	6500	5530
						173A2	52	25790	20790	19360	17920	44	22930	16200	14330	12190
						14	4.2	12780	10300	9590	8880	3.5	11360	8020	7100	6040
						176A2	61	28180	22710	21140	19580	51	25040	17680	15650	13320

601

R-4

COMPACT
LOADER

EXCAVATOR



BACKHOE

ARTICULATED
DUMP TRUCK

Alliance 601 Mud & Snow (M+S) tire was developed for use on construction and agro-industrial equipments. The radial tire construction with strong fabric layers protected by steel belts, promises long tire life. The 601 M+S model also ensures high traction as well as efficient self cleaning ability. It's high crown radius provides flat contact area and enables even ground pressure distribution. This tire's non directional tread design is suitable for all kinds of surfaces, providing equal traction in both directions of travel.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Constant load				Cyclic Applications				
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	30 19	40 25	50 31	10 6	30 19	40 25	50 31
15.5/55R18 (385/55R18)	11	370 14.6	890 35	395 15.6	2686 105.7	140A8 140B	3.5 51	5750 12680	3130 6900	2600 5730	2500 5510	2500 5510	3750 8270	2680 5910	2500 5510	2500 5510

608

R-4

COMPACT
LOADER

BACKHOE



TELEHANDLER

ARTICULATED
DUMP TRUCK

DUMP TRUCK

Alliance 608 is an innovative approach to compact machinery tire design. It provides low motion resistance which contributes to lower fuel consumption of compact machines. The tire's tread pattern is an optimized on/off road pattern with shoulder lugs for traction in the fields, as well as long tread life because of massive central blocks when the machine works on harder surfaces. The tire construction includes both, all fabric and steel belted variants.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommend load, kg (lbs)				
								Speed, km/h (mph)				
		SW	OD					Constant load Applications				
		mm in	mm in	mm in	mm in		Bar psi	15 9	20 12	25 16	30 19	40 25
335/80R18 (12.5/80R18)	W11	339 13.3	993 39.1	449 17.7	2960 116.5	136A8	3.2 46	2530 5580	2440 5380	2370 5230	2330 5140	2240 4940

SIZE	P.R. & LI	TYPE	RIM	OD	SW	Rolling Circumference	Loaded Static Radius	Recommend load, kg (lbs)	Inflation Pressure	Speed, km/h (mph)
				mm in	mm in	mm in	mm in		bar psi	
365/70R18 IND	146	TL	11 13	969 38.1	360 14.2	2922 115	433 17	3000 6614	54 783	10 6

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommend load, kg (lbs)			
								Speed, km/h (mph)			
		SW	OD					Off-the road			
		mm in	mm in	mm in	mm in		Bar psi	Static	5 3	10 6	25 16
335/80R20IND (12.5R20IND)	11 SDC11	337 13.3	1044 41.1	469 18.5	2955 116.3	147A2 136B	3.7 54	4920 10850	3510 7740	3075 6780	2640 5820

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
								Compact Wheel Loader			
				mm in	mm in		mm in	mm in	Bar psi	Static	5 3
335/80R18EM	11	371	984	445	2979	145A2	3.75	4640	3310	2900	2320
		14.6	38.7	17.5	117.3	134B	54	10230	7300	6390	5120
365/70R18EM	11 W11 13	400	1000	434	2902	146A2	3.75	4800	3420	3000	2400
		15.7	39.4	17.1	114.3	135B	54	10580	7540	6610	5290
405/70R18EM	13	452	1070	471	3102	153A2	3.75	5840	4160	3650	2920
		17.8	42.1	18.5	122.1	141B	54	12880	9170	8050	6440
335/80R20EM (12.5R20)	11 11SDC	337	1044	469	2955	147A2	3.75	4920	3510	3075	2460
		13.2	41.1	18.4	116.1	136B	54	10850	7740	6780	5420
455/70R24EM	14 W14L DW14L DW15L 13SDC	473	1247	546	3763	165A2	3.75	8240	5870	5150	4120
		18.6	49.1	21.5	148.1	154B	54	18170	12940	11350	9080

TOUGH TRAC 325

R-4



Alliance 325 ToughTrac tire is designed for heavy duty applications with very good resistance to shock and perforation. This tire has specially designed directional tread pattern with massive lug design, aggressive tread pattern and flat stable crown having extra thick sidewall and under tread, making it ideal for compact machineries.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Constant load							
				mm in	mm in		mm in	mm in	Bar psi	Static	10 6	20 12	25 16	30 19	40 25
340/80-20 (12.5/80-20)	11 12 11SDC 12SDC W11	343	1052	474	3106	144A8	4	6440	3500	3050	-	2910	2800	2550	
		13.5	41.4	18.7	122.3		58	14200	7720	6720	-	6420	6170	5620	
280/80-18IND (10.5/80-18IND)	W9	282	905	424	2813	132A8	4	-	2500	-	2120	2080	2000	1820	
		11.1	35.6	16.7	110.7		58	-	5512	-	4674	4586	4409	4012	

321 PLUS

R-4



Alliance 321 plus is specially designed for construction machinery plying on various terrains carrying out wide range of operations. The modern tread pattern with higher tread depth ensures excellent traction and durability. Presence of special heat resistance compound safeguards the tire against damages and ensures long life. The optimum distance between lugs prevents stone entrapment while in operation.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in	mm in	mm in		Bar psi	10 6
12.5/70-16	10LB	310	855	395	2562	8	2.6	1645
		12.2	33.7	15.6	100.9	125A2	38	3630
		315	855	395.2	2562	14PR	4.4	2240
		12.4	33.7	15.6	100.9	136A2	64	4938
15.5/60-18	18	400	950	420	2772	10	2.6	2400
		15.7	37.4	16.5	109.1	139A2	38	5290
		400	950	431.5	2867	14PR	3.6	2900
		15.7	37.4	17	112.9	145A2	52	6393

606

R-4

WRC
WEAR
RESISTANT
COMPOUNDSB
STEEL
BELTED

Alliance 606 tire for Loaders and Dozers is a low section tire for light earthmoving equipment. The tire is an all steel radial tire with steel belted construction. The unique non-directional tread design suits on/off road services. High mileage, easy self cleaning, best traction, fuel saving and ride comfort are some of its advantages.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
				Compact Wheel Loader							
				mm in	mm in		mm in	mm in	psi	Static	5 3
335/80R18EM	11	371	984	445	2979	145A2	3.75	4640	3310	2900	2320
		14.6	38.7	17.5	117.3	134B	54	10230	7300	6390	5120
365/70R18EM	11 W11 13	400	1000	434	2902	146A2	3.75	4800	3420	3000	2400
		15.7	39.4	17.1	114.3	135B	54	10580	7540	6610	5290
405/70R18EM	13	452	1070	471	3102	153A2	3.75	5840	4160	3650	2920
		17.8	42.1	18.5	122.1	141B	54	12880	9170	8050	6440
335/80R20EM (12.5R20)	11 11SDC 12 12SDC	366	1076	468	0	147A2	3.75	4920	3510	3075	2460
		14.4	42.4	18.4	0	136B	54	10850	7740	6780	5420
365/80R20EM	11 11SDC 12 12SDC	400	1127	484	0	153A2	3.75	5840	4160	3650	2920
		15.7	44.4	19.1	0	141B	54	12880	9170	8050	6440
405/70R20EM (16/70R20)	13 13SDC 12 W14L DW14L	427	1076	479	3245	155A2	3.75	6200	4420	3875	3100
		16.8	42.4	18.9	127.8	143B	54	13670	9740	8540	6830
405/70R24EM	13 SDC13	425	1180	544	3548	158A2	3.75	6800	4850	4250	3400
		16.7	46.5	21.4	139.7	146B	54	14990	10690	9370	7500
455/70R24EM	14 W14L DW14L DW15L 13SDC	473	1247	546	3763	165A2	3.75	8240	5870	5150	4120
		18.6	49.1	21.5	148.1	154B	54	18170	12940	11350	9080

T1323

I-3

CRC
CHIP & CHUNK
RESISTANT
COMPOUND

Alliance 323 MPT tire is designed for specific applications on telescopic handlers and compact wheel loaders. It has superior carcass and bead construction which aid in improving tire life. The extra deep lug provides excellent wear under most severe working conditions. Its specially designed directional tread pattern provides excellent traction and self-cleaning properties. This tire is engineered with a special rubber compound which provides better chunk, tear resistance and long tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)	
								Recommended load, kg (lbs)	
		SW	OD					Drive Wheel	Free Rolling
		mm	mm					mm	mm
		in	in	in	in		bar psi	25	25
11.5/80-15.3	9	290	867	390	2617	14 139A8 126A8	4.75	1700	2430
		11.4	34.1	15.4	103		69	3750	5360
10.0/75-15.3	9	264	780	357	2344	10 123A8/111A8	3.9	1090	1550
		10.4	30.7	14.1	92.3		57	2400	3420

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)		
		SW	OD					Recommended load, kg (lbs)		
		mm	mm				mm	mm	bar psi	50 31
		in	in				in	in		
405/70-20 MPT (16/70-20 MPT)	13	407	1076	488	3251	14	3.5	3250		
		16	42.4	19.2	128	149B	51	7170		

317 MPT is a multipurpose tire constructed to meet the needs of multiple machines. The 45-degree lug angle ensures superior traction for both on- and off-road applications. The special casing combined with a unique tread rubber compound provides high speed for various applications without heat buildup. It has excellent maneuverability and high ground stability required while carrying out operations on uneven surfaces. The closed center ensures a long tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Compact Wheel Loader										
				mm in	mm in		mm in	mm in	bar	5	10	20	25	30	35	40	45	50
										psi	3	6	12	16	19	22	25	28
10.5-20	W9	270	955	445	2880	12	4.3	4580	3660	3010	2680	2460	2330	2250	2200	2180		
		10.6	37.6	17.5	113.4	135B	62	10097	8069	6636	5908	5423	5137	4960	4850	4806		
12.0-18	9	294	949	426	2795	12	4.5	6840	3840	3230	3040	2900	2810	2710	2630	2580		
		11.6	37.4	16.8	110	145A6	65	15080	8466	7121	6702	6393	6195	5975	5798	5688		
12.5-18MPT	11.00 12.00	325	990	450	2940	12	3.5	3220	2930	2440	2240	2180	2150	2090	2025	1950		
		12.8	39	17.7	115.7	131G	51	7099	6460	5379	4938	4806	4740	4608	4464	4299		
12.5-18MPT	11	325	990	415	2790	12	4.9	-	-	-	-	-	-	-	-	2180		
		12.8	39	16.3	109.8	135B	71	-	-	-	-	-	-	-	-	4806		
12.5-20MPT	11	325	1040	465	3003	10	3.5	4700	3760	3090	2490	2530	2400	2310	2260	2240		
		12.8	40.9	18.3	118.2	136B	51	10362	8289	6812	5490	5578	5291	5093	4982	4938		
12.5-20MPT	W11	325	1040	475	3090	12	4	5250	4200	3450	3080	2830	2680	2580	2530	2500		
		12.8	40.9	18.7	121.7	140B	58	11574	9259	7606	6790	6239	5908	5688	5578	5512		
14.5-20MPT	11	355	1095	500	3260	12	3	5250	4200	3450	3080	2830	2680	2580	2530	2500		
		14	43.1	19.7	128.3	140B	44	11574	9259	7606	6790	6239	5908	5688	5578	5512		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index / Star Rating	Infl. press	Recommended load, kg (lbs)										
		SW	OD			Speed		Speed, km/h (mph)										
								Drive Wheel					Free Rolling					
		mm in	mm in	mm in	mm in	Symbol	bar psi	Static	10 6	15 9	20 12	30 19	40 25	static	10 6	20 12	30 19	40 25
10.0/75-15.3	9	264	780	360.5	2377	12 126A6	4.7	2820	1550	1450	1370	1200	1090	2810	2190	1940	1700	1550
		10.4	30.7	14.2	93.6	123A8	68	6217	3417	3197	3020	2646	2403	6195	4828	4277	3748	3417

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								15	20	30	40	50	60	70	80	90
		mm in	mm in	mm in	mm in		bar	psi	9	12	19	25	31	37	43	50
10.5-18MPT	W9	270	905	428	2782	12	4.5	3140	2850	2380	2190	2130	2090	2030	1975	1900
		10.6	35.6	16.9	109.5	130G	65	6923	6283	5247	4828	4696	4608	4475	4354	4189
10.5-20MPT	W9	270	955	445	2880	12	4.3	3220	2930	2440	2240	2180	2150	2090	2030	1950
		10.6	37.6	17.5	113.4	131G	62	7099	6460	5379	4938	4806	4740	4608	4475	4299
12.5-18MPT	11	325	990	450	2940	10	3	2970	2700	2250	2070	2020	1980	1930	1870	1800
		12.8	39	17.7	115.7	128G	44	6548	5952	4960	4564	4453	4365	4255	4123	3968
12.5-18MPT	11	325	990	450	2940	16	4.5	3700	3360	2800	2580	2510	2460	2400	2330	2240
		12.8	39	17.7	115.7	136G	65	8157	7408	6173	5688	5534	5423	5291	5137	4938
12.5-20	W11	325	1040	475	3090	10	3	3050	2780	2310	2130	2070	2040	1980	1925	1850
		12.8	40.9	18.7	121.7	129G	44	6724	6129	5093	4696	4564	4497	4365	4244	4079
12.5-20	W11	325	1040	475	3090	12	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000
		12.8	40.9	18.7	121.7	132G	51	7275	6614	5512	5071	4938	4850	4718	4586	4409
14.5-20MPT	11	355	1095	500	3260	10	2.5	3300	3000	2500	2300	2240	2200	2140	2080	2000
		14	43.1	19.7	128.3	132G	36	7275	6614	5512	5071	4938	4850	4718	4586	4409
14.5-20MPT	11	355	1095	500	3260	14	3.5	4010	3650	3040	2790	2720	2670	2600	2525	2430
		14	43.1	19.7	128.3	139G	51	8841	8047	6702	6151	5997	5886	5732	5567	5357

551 MULTIUSE PROFESSIONAL

R-4



The 551 MULTIUSE PROFESSIONAL is specially designed for tractors and agro-industrial machines toiling on roads. Unique tread design with sipes provide superior grip in dry, wet and snow conditions and ensure excellent riding experience. Its special compound formulation assures smooth functioning even in extreme low temperatures. The robust steel belted construction guarantees excellent durability round the year.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
								Compact wheel loader	
		mm	mm	mm	mm				
		in	in	in	in				
365/70R18IND	W11	355	969	435	2868	138D	4	2360	2650
		14	38.1	17.1	112.9	142A8	58	5203	5842
405/70R18IND	W13	400	1025	454	3025	143D	4	2725	3150
		15.7	40.4	17.9	119.1	148A8	58	6008	6945
405/70R20IND	W13	400	1076	482	3181	145D	4	2900	3250
		15.7	42.4	19	125.2	149A8	58	6393	7165

UTILITY TRACTOR

300

R-4



Alliance 300 is a modern, all steel radial, wide-base tire. Its unique tread design provides high mileage and high performance.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR	Load Index PR Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
									mm in	mm in	mm in	mm in	bar psi	15 9	20 12	30 19	40 25	50 31
		12.5R20	11	330	1040			475	3112	12	12PR	3.5	3300	3000	2500	2300	2240	2200
13	40.9			18.7	122.5	132G	51	7270	6610		5510	5070	4930	4850	4710	4580	4410	

OTHER INDUSTRIAL & CONSTRUCTION

580

R-4

SB

WRC

STEEL
BELTED

WEAR
RESISTANT
COMPOUND



Alliance 580 is built with unique tread pattern that enables strong grip and high traction on soft surfaces, as well as work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially while working on sloppy terrains, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road, hence it's also a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Constant Load						Cyclic Application	
							mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25
460/70R24	DW15L	462	1250	572	3771	159A8	4	10063	5469	4638	4550	4375	4375	6563	5863
	DW14L DW16L	18.2	49.2	22.5	148.5	159B	58	22190	12060	10230	10030	9650	9650	14470	12930
300/75R18	W9	295	908	412.1	2726	142A8	5	6095	3313	2809	2756	2650	2650	3975	3551
		11.6	35.7	16.2	107.3	142B	73	13437	7304	6193	6076	5842	5842	8763	7829
340/80R18IND (12.5/80R18IND)	W11	350	1001	453	3022	143A8	4	6268	3406	2889	2834	2725	2725	4088	3652
		13.8	39.4	17.8	119	143B	58	13819	7509	6369	6248	6008	6008	9012	8051
340/80R20IND (12.5/80R20IN)	W10	343	1052	478	3185	144A8	4	6440	3500	2968	2912	2800	2800	4200	3752
		13.5	41.4	18.8	125.4	144B	58	14198	7716	6543	6420	6173	6173	9259	8272
380/75R20IND (14.5/75R20IND)	W12 W13 13SDC	380	1078	485.4	3121	148A8	4	7245	3938	3339	3276	3150	3150	4725	4221
		15	42.4	19.1	122.9	148B	58	15972	8682	7361	7222	6945	6945	10417	9306
400/70R18IND (16.0/70R18IND)	W13 13.00 2	410	1021	461	3073	147A8	4	7073	3844	3260	3198	3075	3075	4613	4121
		16.1	40.2	18.1	121	147B	58	15593	8475	7187	7050	6779	6779	10170	9085
440/80R28IND (16.9R28IND)	DW14L	441	1415	644	4247	156A8	3.2	9200	5000	4360	4160	4000	4000	6000	5360
		17.4	55.7	25.4	167.2	156B	46	20283	11023	9612	9171	8818	8818	87024	11817
480/80R26IND (18.4R26IND)	DW15L DW16L DW18L DW15	479	1428	634	4248	160A8	3.2	10350	5625	4770	4680	4500	4500	6750	6030
		18.9	56.2	25	167.2	160B	46	22818	12401	10516	10318	9921	9921	14881	13294
500/70R24 (19.5LR24)	DW16L DW15L DW18L	505	1308	600	3983	164A8	4	11500	6250	5300	5200	5000	5000	7500	6700
		19.9	51.5	23.6	156.8	164B	58	25353	13779	11684	11464	11023	11023	16535	14771

608

R-4

WRC

SB

WEAR RESISTANT
COMPOUND

STEEL
BELTED



Alliance 608 is designed keeping in mind the needs of compact machinery like backhoes, compact loaders and telehandlers. Since these compact machinery have to move around varied terrains, the non-directional tread design makes 608 suitable for both on and off-road applications. The steel belt construction gives the tire additional strength and protection. The tread pattern is designed to provide excellent performance on both hard and soft surfaces.



LOADER DOZER

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD				Off-the road				Infl. press	Hard Improved Surfaces				
							Static	5 3	10 6	25 16		Static	5 3	10 6	25 16	
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6	25 16	
455/70R20	14	445	1146	518	3465	162A2	3.75	7600	5370	4750	4040	4.5	8550	6890	6410	5940
		17.5	45.1	20.4	136.4		54	16760	11840	10470	8910	65	18850	15190	14130	13100

321 PLUS**R-4****HRC**HEAT
RESISTANT
COMPOUND

Alliance 321 plus is specially designed for backhoes plying on various terrains carrying out wide range of operations. The modern tread pattern with higher tread depth ensures excellent traction and durability. Presence of special heat resistance compound safeguards the tire against damages and ensures long life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in				Bar psi	10 6
12.5/70-16	10LB	310	855	395	2562	8	2.6	1645
		12.2	33.7	15.6	100.9	125A2	38	3630
		315	855	395	2562	14	4.4	2240
		12.4	33.7	15.6	100.9	136A2	64	4940
15.5/70-18	W13	400	1030	451	3220	14	3.65	3250
		15.7	40.6	17.8	126.8	149A2	53	7170
15.5/60-18	18	400	950	420	2772	10	2.6	2400
		15.7	37.4	16.5	109.1	139A2	38	5290
		400	950	431.5	2867	14PR	3.6	2900
		15.7	37.4	17	112.9	145A2	52	6393
17.5/65-20	W14L	450	1090	500	3378	14	3.3	3875
		17.7	42.9	19.7	133	155A2	48	8540

606**R-4****WRC**WEAR
RESISTANT
COMPOUND**SB**STEEL
BELTED

Alliance 606 tire for Loaders and Dozers is a low section tire for light earthmoving equipment. The tire is an all steel radial tire with steel belted construction. The unique non-directional tread design suits on/off road services. High mileage, easy self cleaning, best traction, fuel saving and ride comfort are some of its advantages.



EARTHMOVER

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
								Off-the road			
				mm in	mm in		mm in	mm in	bar psi	Static	5 3
335/80R18	11	371	984	443	2900	145A2	3.75	4640	3280	2900	2470
		14.6	38.7	17.4	114.2		54	10230	7230	6390	5450
365/70R18	11 13	400	1000	440	2902	146A2	3.75	4800	3390	3000	2550
		15.7	39.4	17.3	114.3		54	10580	7470	6610	5620
405/70R18	13 13SDC 12 11 W14L, DW14L	452	1070	461	3070	153A2	3.75	5840	4120	3650	3100
		17.8	42.1	18.1	120.9		54	12880	9080	8050	6830
335/80R20EM (12.5R20)	11 11SDC 12 12SDC	366	1076	474	3130	147A2	3.75	4920	3470	3075	2610
		14.4	42.4	18.7	123.2		54	10850	7650	6780	5750
365/80R20EM	11 11SDC 12 12SDC	400	1127	493	3260	153A2	3.75	5840	4120	3650	3100
		15.7	44.4	19.4	128.3		54	12880	9080	8050	6830

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)			
								Speed, km/h (mph)			
								Off-the road			
		SW mm in	OD mm in				bar psi	Static	5 3	10 6	25 16
405/70R20EM (16/70R20)	13 13SDC 12 11 W14L DW14L	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290
		16.8	42.4	18.6	123.2		54	13670	9660	8540	7250
17.5/70R24	W14L 13SDC 13 W15L DW15L DW14L	502	1299	567	3750	165A2	3.75	8240	5820	5150	4380
		19.8	51.1	22.3	147.6		54	18170	12830	11350	9660
405/70R24EM (16/70R24)	13 13SDC	425	1180	527	3548	158A2	3.75	6800	4800	4250	3610
		16.7	46.5	20.7	139.7		54	14990	10580	9370	7960
455/70R24EM	W14L 13SDC 13 W15L DW15L DW14L	473	1247	537.4	3580	165A2	3.75	8240	5820	5150	4380
		18.6	49.1	21.2	140.9		54	18170	12830	11350	9660

TRANSPORT

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW mm in	OD mm in				bar psi	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40
335/80R18	11	371	984	443	2900	145A2	3.75	2370	2330	2290	2250	2180	2120	2080	1990	1870
		14.6	38.7	17.4	114.2	134B	54	5230	5140	5050	4960	4810	4670	4590	4390	4120
365/70R18	11 13	400	1000	440	2902	135B	3.75	2440	2400	2350	2310	2250	2180	2140	2050	1900
		15.7	39.4	17.3	114.3	130D	54	5380	5290	5180	5090	4960	4810	4720	4520	4190
405/70R18	13 13SDC 12 11 W14L, DW14L	452	1070	461	3070	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2300
		17.8	42.1	18.1	120.9	137D	54	6350	6240	6130	6020	5840	5680	5560	5340	5070
335/80R20EM (12.5R20)	11 11SDC 12 12SDC	366	1076	474	3130	136B	3.75	2510	2460	2420	2370	2310	2240	2200	2110	1950
		14.4	42.4	18.7	123.2	131D	54	5530	5420	5340	5230	5090	4940	4850	4650	4300
365/80R20EM	11 11SDC 12 12SDC	400	1127	493	3260	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2240
		15.7	44.4	19.4	128.3	136D	54	6350	6240	6130	6020	5840	5680	5560	5340	4940
405/70R20EM (16/70R20)	13 13SDC 12 11 W14L DW14L	427	1076	466	3090	143B	3.75	3050	3000	2940	2890	2810	2725	2670	2560	2430
		16.8	42.4	18.3	121.7	139D	54	6720	6610	6480	6370	6200	6010	5890	5640	5360
405/70R24EM (16/70R24)	13 13SDC	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
		16.7	46.5	20.4	134.6	142D	54	7410	7280	7140	7010	6810	6610	6480	6220	5840
455/70R24	W14L DW14L 13SDC 13 W15L DW15L	473	1247	542	3600	154B	3.75	4200	4130	4050	3980	3860	3750	3680	3530	3350
		18.6	49.1	21.3	141.7	150D	54	9260	9110	8930	8770	8510	8270	8110	7780	7390

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)			
								Speed, km/h (mph)			
								Hard Improved Surfaces			
		SW mm in	OD mm in				psi	Static	5 3	10 6	25 16
455/70R24	W14L DW14L 13SDC 13 W15L DW15L	473	1247	542	3600	165A2	4.5	9270	7470	6950	6440
		18.6	49.1	21.3	141.7		65	20440	16470	15320	14200

326

L-2/E-2/G-2



Alliance 326 Wide Grip Loader Dozer tire is a wide base tubeless tire. It is designed for superior self-cleaning, high traction and high flotation in all off road applications. Its heavy-duty nylon construction and weather ozone-resistant rubber compounds ensure longer tire life on all types of services.



TRANSPORT

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					psi	15 9	20 12	25 16	30 19	40 25	50 31	55	60 37
16/70-20	13DC max. 10PR 13SDC 14PR 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10PR 141B	2.5	2880	2830	2780	2730	2650	2575	2500	2370	2120
						134D	36	6350	6240	6130	6020	5840	5680	5510	5230	4670
						14PR 149B	3.5	3640	3580	3510	3450	3350	3250	3150	2990	2725
						143D	51	8030	7890	7740	7610	7390	7170	6950	6590	6010
16/70-24 EM (405/70-24)	13.00SDC 12DC	407 16	1178 46.4	577 22.7	3660 144.1	10PR 143B	2.5	3050	3000	2940	2890	2810	2725	2640	2510	2300
						137D	36	6720	6610	6480	6370	6200	6010	5820	5530	5070
						14PR 152B	3.5	3980	3910	3830	3760	3660	3550	3440	3270	2900
						145D	51	8770	8620	8440	8290	8070	7830	7580	7210	6390
20-24EM (22/70-24)	16.00 T SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	12PR 158B	2.5	4760	4680	4590	4510	4380	4250	4120	3910	3550
						152D	36	10490	10320	10120	9940	9660	9370	9080	8620	7830
						14PR 163B	3	5460	5360	5270	5170	5020	4875	4730	4490	4000
						156D	44	12040	11820	11620	11400	11070	10750	10430	9900	8820

LOADER DOZER

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Hard Improved Surfaces				Infl. press	Off-the road			
		SW	OD					Recommended load, kg (lbs)					Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								mm in	mm in	mm in	mm in		Static	5 3	10 6	25 16
16/70-20 EM (405/70-20)	13DC max. 10PR 13SDC 14PR 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10PR 157A2	3.9	7430	5980	5570	5160	3.25	6600	4660	4125	3510
							57	16380	13180	12280	11380	47	14550	10270	9090	7740
						14PR 166A2	5.4	9540	7690	7160	6630	4.5	8480	5990	5300	4510
							78	21030	16950	15790	14620	65	18700	13210	11680	9940
16/70-24 EM (405/70-24)	13.00 DC	407 16	1178 46.4	577 22.7	3660 144.1	10PR 162A2	3.9	8550	6890	6410	5940	3.25	7600	5370	4750	4040
							57	18850	15190	14130	13100	78	23020	18540	17260	15980
						14PR 169A2	5.4	10440	8410	7830	7250	4.5	9280	6550	5800	4930
							47	16760	11840	10470	8910	65	20460	14440	12790	10870
20-24EM (22/70-24)	16.00 T , SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	12PR 173A2	3.6	11700	9430	8780	8130	3	10400	7350	6500	5530
							52	25790	20790	19360	17920	44	22930	16200	14330	12190
						14PR 176A2	4.2	12780	10300	9590	8880	3.5	11360	8020	7100	6040
							61	28180	22710	21140	19580	51	25040	17680	15650	13320

CONSTRUCTION MACHINERY

321 HIGH TRACTION

R-4

Alliance 321 Construction Machinery tire is designed for tough on off road requirements of modern compact construction machinery and other equipment where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to structural failure of the tire.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Infl. press	Recommended Load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm	mm	mm	mm		bar	Static	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31	
		in	in	in	in		psi										
10.5/80-18	9	277	910	410	2680	10PR	3.7	3600	2030	1700	1600	1540	1480	1430	1390	1360	
		10.9	35.8	16.1	105.5	119B	54	7940	4480	3750	3530	3400	3260	3150	3060	3000	
10.5-20	9	270	955	433	2830	10PR	3.75	3840	2160	1810	1710	1640	1580	1520	1480	1450	
		10.6	37.6	17	111.4	122B	54	8470	4760	3990	3770	3620	3480	3350	3260	3200	
12.5-20	11	325	1040	475	3090	12PR	3.5	4900	2760	2310	2180	2090	2020	1940	1890	1850	
						122B	51	10800	6090	5090	4810	4610	4450	4280	4170	4080	
						10PR	3	4510	2530	2130	2010	1920	1850	1790	1730	1700	
						123B	44	9940	5580	4700	4430	4230	4080	3950	3810	3750	

321 PLUS

R-4



Alliance 321 plus is specially designed for construction machinery plying on various terrains carrying out wide range of operations. The modern tread pattern with higher tread depth ensures excellent traction and durability. Presence of special heat resistance compound safeguards the tire against damages and ensures long life. The optimum distance between lugs prevents stone entrapment while in operation.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm	mm					mm	mm	bar
		in	in				in	in	psi	
12.5/70-16	10	315	855	395	2562	14	4.4	2240		
		12.4	33.7	15.6	100.9	136A2	64	4940		
15.5/60-18 IND	W13	400	950	432	2867	14	3.6	2900		
		15.7	37.4	17	112.9	145A2	52	6390		
17.5/65-20	14	450	1090	500	3378	14	3.3	3875		
		17.7	42.9	19.7	133	155A2	48	8540		

TRENCHER

312 PLUS

HF-1



OIL RESISTANT
COMPOUND



TRENCHER

Alliance 312 PLUS is an extra- deep, smooth treaded tire for port applications. Abrasion resistant tread compound and large contact area ensure long life. The strong casing and high number of plies provide superior lateral stability and a high load carrying capacity.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)
		SW	OD					Speed, km/h (mph)
								Load Application for Trencher Application
								50
								31
29X12.5-15NHS	10LB	312	750	350	2213	8	3.1	975
		12.3	29.5	13.8	87.1	107B	45	2150

590

R-4



STEEL BELTED



CUT RESISTANT
COMPOUND



WAGON



TANKER

Alliance 590 is a heavy duty radial flotation tire designed specifically to suit the needs of agriculture and construction applications. A robust steel belted construction with non-directional tread design and superior cut and chip resistant compound enables it to handle heavy Loads and operate both in farms as well as on/off road applications.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pres-sure	Recommended Load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Not high and sustained torque; Road transport						
								mm	mm	mm	mm	bar	Static	10 6
		in	in	in	in		psi							
600/50R22.5 IND	AG20.00	621	1172	522	3592	173A8	6	14950	8130	7090	6890	6760	6500	6000
		24.4	46.1	20.6	141.4	170B	87	32960	87	17920	15630	15190	14900	14330

321 PLUS

R-4



HEAT
RESISTANT
COMPOUND



COMPACT WHEEL
LOADER

Alliance 321 plus is specially designed for construction machinery plying on various terrains carrying out wide range of operations. The modern tread pattern with higher tread depth ensures excellent traction and durability. Presence of special heat resistance compound safeguards the tire against damages and ensures long life. The optimum distance between lugs prevents stone entrapment while in operation.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		10	
		in	in	in	in		6	
12.5/70-16	10	315	855	395	2562	14	4.4	2240
		12.4	33.7	15.6	100.9	136A2	64	4940
12.5/80-18IND	W9	308	987	444	2986	20	6	5075
		12.1	38.9	17.5	117.6	164A2	87	11190
15.5/60-18	13	400	950	420	2772	10	2.6	2400
		15.7	37.4	17	112.9	139A2	38	5290
15.5/60-18 IND	W13	400	950	432	2867	14	3.6	2900
		15.7	37.4	17	112.9	145A2	52	6390
17.5/65-20	14	450	1090	500	3378	14	3.3	3875
		17.7	42.9	19.7	133	155A2	48	8540

EXCAVATOR



224



Alliance 224 Construction Machinery tire is a wide base tire that is designed for cranes, dump trucks and excavators. It provides excellent traction in all working excavators. It provides excellent traction in all working conditions as well as resistance to side slips. For best results in running wheels of vehicles engaged in on road applications, it is recommended to mount the tires in the opposite direction than usual.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in	mm in	mm in		bar psi	50 31	
18-19.5	14	457	1080	504	3339	16	6	4500	
		18	42.5	19.8	131.5	160B	87	9920	
18-19.5	14	457	1080	507	3352	18	7.2	5150	
		18	42.5	20	132	165B	104	11350	

225

E-2



The tread pattern of 225 MPT is designed for self-cleaning as well as for smooth on road driving. The diagonal lug design of the tire provides best traction in all services, terrain and weather conditions besides improving resistance to side slips. Its wide based design provides high flotation properties and permits low inflation pressure. For free rolling and better mileage on road service, it is recommended to mount tires in opposite direction than usual.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in	mm in	mm in		bar psi	50 31	
10.00-20ML	7.5	275	1065	505	3267	16	7.9	3150	
		10.8	41.9	19.7	128.6	148B	115	6950	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31	
10.00-20ML	7.5	275	1065	505	3240	14	6.6	5830	-	3400	3290	3230	3200	3080	2960	2900	
		10.8	41.9	19.9	127.6	145B/143B	96	12850	-	7500	7250	7120	7060	6790	6530	6390	
12.5-20MPT	11	325	1040	473	3090	12PR	3.5	3220	-	2930	2440	2240	2180	2150	2090	1950	
		12.8	40.9	18.7	121.7	133F	44	7100	-	6460	5380	4940	4810	4740	4610	4300	
9.00-20	7.7.00T 7.0T5 ° 7.5 7.5V 7.5T5 °	256	1035	482	3186	14PR	7.2	5630	3920	3290	3170	3120	3090	2970	2860	2800	
		10.1	40.7	19.3	124	144B	104	12410	8640	7250	6990	6880	6810	6550	6310	6170	
15-22.5ML	11.75 12.25	388	1095	508	3290	22PR	9.6	10050	6990	5870	5660	5560	5510	5300	5100	5000	
		15.3	43.1	20	129.5	164B	139	22160	15410	12940	12480	12260	12150	11680	11240	11020	

Alliance 699 is a versatile, diagonal lug tire designed to provide excellent traction and durability in every working condition. The closed lugs at the center increase the tire's durability and make it highly wear-resistant. Its unique lug angles enhance the overall machine productivity and roadability. The superior grip and exceptional ground stability along with good concerning support make it easier for the tires to carry extreme loads on versatile surfaces.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommended load , kg (lbs)	
		SW	OD					Speed, km/h (mph)	
								Constant Load Application	
							mm in	mm in	mm in
8.25-20	6.50 7.00	235	975	450	2944	14	7.75	3875	2430
		9.3	38.4	17.7	115.9	152A2 139B	112	8543	5357
9.00-20	7.0 7.5	264	1021	464	3066	14	7	3875	2650
		10.4	40.2	18.3	120.7	155A2/142 B	102	8540	5840
10.00-20	7.5 7 8	278	1050	477	3165	16	7.5	4625	3150
		10.9	41.3	18.8	124.6	161A2 148B	109	10200	6950
11.00-20	8.5 8 7.5	293	1085	506	3276	16	7.5	4875	3350
		11.5	42.7	19.9	129	163A2 150B	109	10750	7390
290/95-20	8	294	1075	493	3280	22	9.25	5600	3550
		11.6	42.3	19.4	129.1	168A2 152B	134	12350	7830

DUAL MASTER 506

I-2

SC
SPECIAL
COMPOUNDAS
ALL STEEL

Alliance 506 Dual Master's sidewall construction enables close contact between two tires excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tires. Radial tire construction enables long tread life, comfortable run and low fuel consumption. Its strong all steel carcass provides machine stability, good puncture protection and re-treadability of tires. Shoulder lugs provide efficient grip on soft surfaces. More rubber around the center line provides smooth and stable behavior on hard surfaces.



Size	Rim	TRA Code	Tire Type	NSD	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)								
					SW	OD					Recommended load, kg (lbs)								
					mm	mm				mm	mm	bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31
					in	in				in	in								
315/70R22.5	7.50 (150mm RO)	-	TL	25	312	1014	475	3110	154A8	9	8750	5450	4625	4375	4125	3750	3350		
				31.75	12.3	39.9	18.7	122.4		131	19290	12020	10200	9650	9090	8270	7390		

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)								
								Recommended load, kg (lbs)								
		Load capacity for Loader application kg (lbs)														
		SW	OD													
		mm	mm				mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
in	in	in	in	in	in	in	bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31		
315/80R22.5	9	330	1100	509	3366	158A8	9	9980	5950	5360	5050	4760	4250	3830		
		13	43.3	20	132.5		131	22000	13120	11820	11130	10490	9370	8440		

399



EXCAVATOR

Alliance 399 is the floatation Non Directional Lug Pattern with Central block to provide good performance on soft ground and be able to run on the road operations of Excavator. Bias Steel Belted construction to provide stability and to avoid deflection and puncture protection. Center block & Optimum NSD to create ride comfort without impacting tire life. Combination of NSD and Cut & Chip Compound to provide the required tire life. Open shoulder for good self cleaning. Angular Blocks for better Traction and Higher center mass for better stability.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)								
								Recommended load, kg (lbs)								
		Excavator Application														
		SW	OD					mm	mm	mm	mm	mm	mm	mm	mm	Static
		in	in				in	in	in	in	in	in	in	in	in	
500/45-20 IND	16	490	958	437	2893	160A8	6	5625	5085	4905	4770	4680	4375	4500	4500	10350
		19.3	37.7	17.2	113.9	160B	87	12400	11210	10810	10520	10320	9650	9920	9920	22820
600/40-22.5 IND	AG20.00	585	1060	483	3189	171A8	6.9	7690	6950	6705	6520	6395	6275	6150	6150	14145
		23	41.7	19	125.6	171B	100	16950	15320	14780	14370	14100	13830	13560	13560	31180
600/50-22.5 IND	AG20.00	601	1172	534	3529	173A8	6	8125	7345	7085	6890	6760	6630	6500	6500	14950
		23.7	46.1	21	138.9	173B	87	17910	16190	15620	15190	14900	14620	14330	14330	32960
650/45-22.5 IND	AG20.00	645	1158	531	3529	175A8	6	8625	7795	7520	7315	7175	7040	6900	6900	15870
		25.4	45.6	20.9	138.9	175B	87	19020	17190	16580	16130	15820	15520	15210	15210	34990
710/40-22.5 IND	AG24.00	698	1140	524	3493	173A8	5.5	8125	7345	7085	6890	6760	4125	6500	6500	14950
		27.5	44.9	20.6	137.5	173B	80	17910	16190	15620	15190	14900	9090	14330	14330	32960

FLOTATION 331

I-3



MFWA



TRAILER



SPRAYER



RIGID DUMP-TRUCK

Alliance 331 Heavy Duty Flotation tread design is basically a traction profile with good self cleaning characteristics suitable for on/off road agricultural service on tractors, cross country vehicles, trailers and agricultural implements. High load carrying capacity and low inflation pressure are the main characteristics of this tire. Strong nylon construction and compounds ensure long tire life. Some sizes feature special compounds or steel belts for superior performance as required by the application.



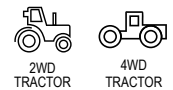
Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)								
								Recommended load, kg (lbs)								
		Excavator Application														
		SW	OD													
		mm	mm				mm	mm		bar	Static	10 6	15 9	20 12	25 16	30 19
in	in	in	in	in	psi											
500/45-20 IND	16	490	980	442	3050	164A6	6	7430	6980	5990	5670	5360	5000	4750	4500	4050
		19.3	38.6	17.4	120.1	160A8	87	16380	15388	13206	12500	11817	11023	10472	9921	8929
600/40-22.5 Steel Belted	AG20.00	585	1090	507	3318	171A8	7	14140	7690	6950	6700	6520	6400	6270	6150	6150
		23.6	43.3	19.9	132.1	171 B	102	31173	16954	15322	14771	14374	14110	13823	13558	13558
600/40-22.5	20	600	1090	514	3356	169A8	6	9570	8990	7710	7310	6900	6500	6150	5800	5220
		23.6	42.9	20.2	132.1	173A6	87	21098	19820	16998	16116	15212	14330	13558	12787	11508
650/45-22.5 IND	AG20.00	645	1170	537	3566	175A8	6	15870	8630	7800	7520	7310	7180	7040	6900	6900
		25.4	46.1	21.1	140.4	175B	87	34990	19030	17200	16580	16120	15830	15520	15210	15210
700/40-22.5	AG24.00	700	1185	535	3529	177A6	6	16150	8780	7930	7650	7440	7300	7160	6500	6500
		27.6	46.7	21.1	138.9	173A8	87	35610	19360	17480	16870	16400	16090	15790	14330	14330

MULTIUSE 550

R-4

SB

STEEL BELTED



550 MULTIUSE pattern is used in agricultural applications because of its versatile tread design. Specific block tread design enables high performances on snow-covered as well as on sandy terrains. A basic directional lug design, divided by separated blocks, provides a good grip on soft surfaces. In addition, a high number of blocks and rubber-to-void tread ratio enables long tread wear life and low rolling resistances during transport operation on hard surfaces. Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure. In addition, steel belts give the most efficient puncture protection.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)												
		SW	OD					Recommended load, kg (lbs)												
								Constant Load											Cyclic applications	
							mm	mm	mm	mm	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 40	70 43
in	in	in	in	bar psi																
400/70R18 (16/70R18)	13 12	404	1017	461	3049	147A8	4	7070	3840	-	3410	3290	3075	3010	-	2800	-	4610	4120	
	12SDC	15.9	40	18.1	120	144D	58	15590	8470	-	7520	7250	6780	6640	-	6170	-	10160	9080	
405/70R18IND (16.0/70R18IND)	W13 18	404	1021	458	3021	147A8	4	7075	3840	-	3260	3200	3075	3025	-	2800	-	4610	4120	
		15.9	40.2	18	118.9	144D	58	15600	8470	-	7190	7060	6780	6670	-	6170	-	10160	9080	
		404	1021	468	3059	153A2	3.75	5920	3650	2830	2780	2730	2650	2757	-	-	-	3980	3550	
		15.9	40.2	18	118.9	141B	54	13050	8050	6240	6130	6020	5840	6080	-	-	-	8770	7830	
340/80R20IND (12.5R20IND)	W11	343	1052	477	3148	144A8	4	6600	3600	3150	-	3000	2875	2700	-	2500	2275	4330	3850	
		13.5	41.4	18.8	123.9	140D	58	14550	7940	6950	-	6610	6340	5950	-	5510	5020	9550	8490	
360/80R20	DW11	441	1319	493	3265	147A8	4	10560	5760	5040	-	4800	4600	4320	-	4000	3640	6920	6160	
		17.4	51.9	19.4	128.5	143D	58	23280	12700	11110	-	10580	10140	9520	-	8820	8030	15260	13580	
405/70R20 (16.0/70R20)	W14L W12 12SDC 13SDC	404	1076	486	3205	149A8	4	7480	4510	-	3410	3380	3250	3250	-	-	-	4880	4360	
		15.9	42.4	19.1	126.2		58	16490	9940	-	7520	7450	7170	7170	-	-	-	10760	9610	
340/80R24IND (12.5R24IND)	DW11 DW10 DW12 W11 W12	343	1154	529	3439	135D	3.2	5755	3139	2747	-	2616	2500	2354	-	2180	1984	3771	3357	
		13.5	45.4	20.8	135.4	140A8	46	12690	6920	6060	-	5770	5510	5190	-	4810	4370	8310	7400	
420/65R24IND	W13	454	1156	527	3463	151A8	4	7920	4320	3780	-	3600	3450	3240	-	3000	2730	5190	4620	
		17.9	45.5	20.7	136.3	146D	58	17460	9520	8330	-	7940	7610	7140	-	6610	6020	11440	10190	
460/70R24 (17.5LR24)	24	460	1250	570	3772	159A8	4	10060	5470	-	4770	4550	4375	4375	-	-	-	6560	5860	
		18.1	49.2	22.4	148.5		58	22178	12059	-	10516	10031	9645	9645	-	-	-	14462	12919	
440/80R24 (16.94R24)	W15L	441	1314	593	3913	154A8	3.2	8580	4680	4095	-	3900	3750	3510	3348	3250	2958	5623	5005	
		17.2	51.8	23.6	156.8	149B	46	18920	10320	9030	-	8600	8270	7740	7380	7170	6520	12400	11030	
440/80R30 (16.9R30)	DW14L	434	1468	666	4402	153D	3.2	9636	5256	4599	-	4380	4198	3942	-	3650	3322	6310	5620	
		17.1	57.8	26.2	173.3	157A8	46	21240	11590	10140	-	9660	9260	8690	-	8050	7320	13910	12390	
600/65R38	DW18L	583	1747	793	5270	170A8	3.2	13992	7632	-	6466	6360	6000	5724	5459	5300	4823	9169	8162	
		23	68.8	31.2	207.5	166D	46	30850	16830	-	14260	14020	13230	12620	12040	11680	10630	20210	17990	

DUAL MASTER 528

I-2

SC
SPECIAL COMPOUND

CRC
CUT RESISTANT COMPOUND

WRC
WEAR RESISTANT COMPOUND

AS
ALL STEEL



Alliance 528 Dual Master's sidewall construction enables close contact between two tires excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tires. Radial tire construction enables long tread life, comfortable run and low fuel consumption. Its strong all steel carcass provides machine stability, good puncture protection and re-treadability of tires. The 528 tread pattern belongs to the moderate traction group, providing effective performances on both, on and off road applications. Shoulder lugs provide efficient grip on soft surfaces.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)						
								Recommended load, kg (lbs)						
		Load Capacity kg/lbs												
		SW	OD											
		mm	mm	mm	mm		bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31
in	in	in	in											
315/80R22.5	9	325.5	1100	508.2	3343	158A8	9	9980	5950	5360	5050	4760	4250	3830
		12.8	43.3	19.3	121.7		131	22000	13120	11820	11130	10490	9370	8440

839**E-2**

Alliance 839 has strong carcass construction that provides good puncture resistance and stability. Improved tread design gives good traction, improved tread life, excellent self-cleaning and smooth driving experience in off road conditions.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)									
								Recommended load, kg (lbs)									
		SW	OD														
		mm	mm	mm	mm			mm	mm	mm	mm	mm	mm				
		in	in	in	in		bar psi										
8.25-20NHS	6.5	236	992	481	3088	14	6.9	1650	1590	1530	1500	3000	2100	1755	1695	1665	
		9.3	39.1	18.9	121.6	122B	100	3640	3510	3370	3310	6610	4630	3870	3740	3670	
9.00-20NHS	7	259	1038	490	3187	14	6.9	5000	3500	2925	2825	2775	2750	2650	2550	2500	
		10.2	40.9	19.3	125.5	140B	100	11020	7720	6450	6230	6120	6060	5840	5620	5510	
10.00-20NHS	7.5	275	1070	493	3230	16	7.5	6300	4410	3685	3560	3495	3465	3340	3215	3150	
		10.8	42.1	19.4	127.2	148B	109	13890	9720	8120	7850	7710	7640	7360	7090	6950	
11.00-20NHS	8	293	1104	513	3352	16	7.2	6500	4550	3800	3675	3605	3575	3445	3315	3250	
		11.5	43.5	20.2	132	149B	104	14330	10030	8380	8100	7950	7880	7600	7310	7170	

344 FORESTAR**LS-2**

Forestry 344 Forestar LS-2 is a bias belted tire with steel reinforcement for high puncture resistance. The tire uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 344 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)								
								Recommended load, kg (lbs)								
		Excavator Application														
		SW	OD													
		mm	mm	mm	mm	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31		
in	in	in	in	bar psi												
600/40-22.5	AG20.00	590	1090	500	3358	175A6	7	10150	9530	8180	7750	7320	6890	6520	6150	5540
		23.2	42.9	19.7	132.2	171A8	102	22380	21010	18030	17090	16140	15190	14370	13560	12210

624

Alliance 624 is a unique tire for various machines. It has an all-steel radial construction with a wide base and mud releaser. It has massive lugs with steep angles close to the central line, lower angles close to shoulders, massive centre blocks, robust sidewall construction with rim guards and reinforced shoulder area.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press. bar psi	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD														
		mm in	mm in	mm in	mm in			Static	5 3	10 6	25 16	30 19	35 22	40 25	5 3	10 6	15 9
445/70R19.5 (18R19.5)	14	445	1112	565	3422	173A8	7.5	14950	9610	8000	6890	6760	6630	6500	10860	9750	8710
		17.5	43.8	22.2	134.7	180A2	109	32960	21190	17640	15190	14900	14620	14330	23940	21500	19200
445/70R22.5 (18R22.5)	14.00	454	1195	539	3646	175A8	7.5	15870	10010	8630	7310	7180	7040	6900	11520	10350	9250
		17.9	47	21.2	143.5	182A2	109	34990	22070	19030	16120	15830	15520	15210	25400	22820	20390

389

AGRICULTURAL
IMPLEMENTS

EXCAVATOR

Alliance 389 is a radial flotation tire offering from Alliance brand. The tire is designed to significantly reduce the footprint pressure and thus resulting in low soil compaction and higher yield. The pattern design also ensures high traction and superior grip for all on and off the road applications.



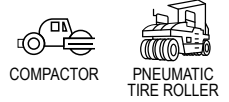
Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended load, kg (lbs)				
		Speed										
		Constant Load										
		SW mm in	OD mm in					mm in	mm in	Static	10 6	20 12
620/40R22.5	AG20.00	615	1075	475	3313	171A8	5.5	14150	7690	6520	6400	6150
		24.2	42.3	18.7	130.4	171	80	31200	16950	14370	14110	13560

PAVER AND COMPACTOR



890

C-1



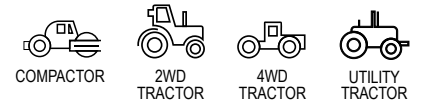
Alliance 890 is a specifically designed for compacting roadbeds and rolling asphalt, the smooth wide tread provides even pressure distribution on road surfaces leading to a smooth finish. The compound used in this tire provides enhanced resistance to oily chemicals used in compacting applications thus providing outstanding durability during operation.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in				Bar psi	Paver & Compactor
11.00-20	8.002	293	1070	488	3294	18	8.3	5806
		11.5	42.1	19.2	129.7	169A2	120	12800

330

R-3

CRC
CUT & CHIP
RESISTANT
COMPOUNDSC
SPECIAL
COMPOUNDHRC
HEAT
RESISTANT
COMPOUND

The Alliance 330 Drive Wheel is a multi-purpose tire designed to provide high load capacity, significant traction and smooth ride comfort. It is suitable for on-the-road, industrial and road construction equipment. The strong nylon construction, rugged design, and ozone resistant compounds provide long tread life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Field Operation					Not high and sustained torque; Road transport			
							mm in	mm in	mm in	mm in	Bar psi	Field	10 6	20 12	Static	10 6
23.1-26	DW20B	587	1580	691	4573	8	1.1	3100	4060	3480	6670	4350	3220	3100	2900	2640
		23.1	62.2	27.2	180	145A8	16	6830	8950	7670	14710	9590	7100	6830	6390	5820
		587	1580	697	4702	10PR	1.4	3480	4550	3900	7480	4880	3610	3480	3250	2960
		23.1	62.2	27.4	185.1	149A8	20	7670	10030	8600	16490	10760	7960	7670	7170	6530
		587	1580	694	4724	12PR	1.7	3910	5110	4380	8400	5480	4050	3910	3650	3320
		23.1	62.2	27.3	186	153A8	25	8620	11270	9660	18520	12080	8930	8620	8050	7320
		587	1580	694	4724	16PR	2.3	-	-	-	12880	7000	5940	5820	5600	5100
		23.1	62.2	27.3	186	159A8	33	-	-	-	28396	15432	13095	12831	12346	11244

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
		mm in	mm in				Bar psi	15 9	25 16	30 19	40 25
23.1-26	DW20B	587	1580	697	4724	16PR	2.3	7450	6830	6215	5600
		23.1	62.2	27.4	186	168A8	33	16424	15058	13702	12346
28L-26	DW25A	714	1591	702	4661	16	2	-	-	-	4500
		28.1	62.6	27.6	183.5	160A8	29	-	-	-	9920

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Not high and sustained torque; Road transport								
							mm in	mm in	mm in	mm in	Static	10 6	20 12	25 16	30 19	35 22
28L-26	DW25B	714	1591	702	4661	16	2	14950	8125	7085	6890	6760	6630	6500	6240	5915
		28.1	62.6	27.6	183.5	173A8	29	32960	17910	15620	15190	14900	14620	14330	13760	13040
24.5-32	DW21B	615	1773	790	5091	16	2.1	10350	6750	-	4995	4815	-	4500	-	4500
		24.2	69.8	31.1	200.4	160A8/160B	30	22818	14881	-	11012	10615	-	9921	-	9921

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
		mm in	mm in					Drive Wheel			
				mm in	mm in		Bar psi	15 9	25 16	30 19	40 25
28L-26	DW25B	714	1591	702	4627	16	2.2	8645	7930	7215	6500
		28.1	62.6	27.6	182.2	173A8	32	19059	17483	15906	14330

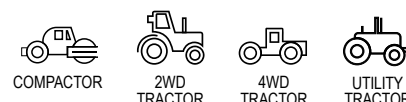
Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in					Static	10 6	25 16	30 19	40 25	50 31
650/75R32 (24.5LR32)	21	628 24.7	1765 69.5	800 31.5	5135 202.2	160A8	1.6	10350	6750	4995	4815	4500	4500
						160B	23	22820	14880	11010	10620	9920	9920
						175A8	4	15870	10350	7660	7380	6900	6900
						175B	58	34990	22820	16890	16270	15210	15210

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in					Industrial tractor					
				mm in	mm in		Bar psi	Static	15 9	25 16	30 19	40 25	50 31
800/60R32 (30.5LR32)	DW27	775	1794	799	5336	165A8	1.6	14880	6900	5665	5510	5150	5150
		30.5	70.6	31.5	210.1	165B	23	32810	15210	12490	12150	11350	11350

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
		mm in	mm in					Drive Wheel		Cyclic loading (FR)	
				mm in	mm in		Bar psi	40 25	bar psi	15 9	
620/75-30 (23.1-30)	DW20B	605	1680	760	4933	164A8	2.6	5000	2.6	7750	
	DW20A	23.8	66.1	29.9	194.2		38	11023	38	17086	

329

R-3



The Alliance 329 is a diamond tread design tire built with a strong nylon construction. Its wide and extended tread protects shoulders and sidewalls against cutting and side snagging. The special cut and chip resistant compound, heat resistant compound and the tire's strong nylon construction provide long life to the tire.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
		mm in	mm in					Paver & Compactor			
				mm in	mm in		Bar psi	15 9	25 16	30 19	40 25
14.9-24	W13 W12	378	1240	569	3612	6	1.7	2060	1890	1720	1550
		4.9	48.8	22.4	142.2	123A8	25	4540	4170	3790	3420
14.9-24	W13	378	1240	566	3612	8	2.1	2395	2200	2000	1800
		14.9	48.8	22.3	142.2	128A8					
18.4-26	W16 W16L DW16L	467	1425	645	4274	10	1.8	3525	3235	2940	2650
		18.4	56.1	25.4	168.3	142A8	26	7770	7130	6480	5840
13.6-28	W12 W11	345	1310	610	3832	6	1.5	1930	1770	1610	1450
		13.6	51.6	24	150.9	121A8	22	4260	3900	3550	3200

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Field Operation			Not high and sustained torque ; Road transport					
		mm	mm					10°HT	10°LT	25°LT	Static	10	25	30	40	50
		in	in	in	in		psi	kmph	kmph	kmph		6	16	19	25	31
16.9-24	W15L	428	1310	593	3890	8	1.9	2200	2880	2470	4740	3090	2290	2200	2060	1870
		16.9	51.6	23.3	153.1	133A8	28	4850	6349	5445	10450	6812	5049	4850	4542	4123
28L-26	DW25B	714	1591	702	4627	16	2	4820	6300	5400	10350	6750	5000	4820	4500	4100
	DW25	28.1	62.6	27.6	182.2	160A8	29	10630	13890	11910	22820	14880	11020	10630	9920	9040
23.1-26	DW20	587	1580	697	4600	16	2.3	4680	6130	5250	10060	6560	4860	4680	4375	3980
		23.1	62.2	27.4	181.1	159A8	33	10320	13510	11570	22180	14460	10710	10320	9650	8770
23.1-26	DW20B	587	1580	694	4626	10	1.6	3480	4550	3900	7480	4880	3610	3480	3250	2960
		23.1	62.2	27.3	182.1	149A8	23	7670	10030	8600	16490	10760	7960	7670	7170	6530
23.1-26	DW20	587	1560	687	4542	12	1.7	3910	-	4380	8400	5480	4050	3910	3650	3320
		23.1	61.4	27	178.8	153A8	25	8620	-	9660	18520	12080	8930	8620	8050	7320

LAWN, GARDEN AND TURF





Alliance 579 is a purpose built radial tire that can effortlessly ply on various surfaces (turf, sand, asphalt and mud). It blends the features of the R-1 and R-4 tires, while overcoming their limitations. It has a spectrum of sizes for both front and rear axles. The tread depth is ideal for usage in gardens, orchards and vineyards.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)					
								Recommended load, kg (lbs)					
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31
		mm in	mm in	mm in	mm in		bar psi						
220/55R12	7.00I 7JA	220	550	252	1639	82A8	1.9	1090	590	500	490	475	475
		8.7	21.7	9.9	64.5	82B	28	2400	1300	1100	1080	1050	1050

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)					
								Recommended load, kg (lbs)					
		SW	OD					Lawn and Turf Application					
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	25 16	30 19	40 25	50 31
220/55R12	7.00I	220	550	252	1639	82A8	1.9	1090	590	500	490	475	475
	7JA	8.7	21.7	9.9	64.5	82B	28	2403	1301	1102	1080	1047	1047
240/60R12	8.00B	244	593	269	1764	89A8	1.9	1330	730	610	600	580	580
		9.6	23.3	10.6	69.4	89B	28	2932	1609	1345	1323	1279	1279
220/55R14	7JA	213	598	280	1797	93A8	2.9	1500	810	690	680	650	650
	7	8.4	23.5	11	70.7	93B	42	3307	1786	1521	1499	1433	1433
200/70R16	W6	198	686	314.4	2049	94A8	2.4	1540	840	710	700	670	670
		7.8	27	12.4	80.7	94B	35	3395	1852	1565	1543	1477	1477
420/70R24	W13	418	1248	569	3620	130A8	1.6	4370	2380	2010	1980	1900	1900
	W12 W14L	16.5	49.1	22.4	142.5	130B	23	9634	5247	4431	4365	4189	4189

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)					
								Recommended load, kg (lbs)					
		SW	OD					Constant Load Application					
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	25 16	30 19	40 25	50 31
200/60R15	7JA	197	621	286	1856	83A8	1.9	1120	610	520	510	487	487
		7.8	24.4	11.3	73.1	83B	28	2469	1345	1146	1124	1074	1074
260/70R16	W8 W9	260	770	350	2295	109A8	2.4	2370	1290	1090	1070	1030	1030
	W8L	10.2	30.3	13.8	90.4	109A8	35	5225	2844	2403	2359	2271	2271
240/70R16	W8	244	742	345	2162	104A8	2.4	2070	1350	1110	960	900	900
		9.6	29.2	13.6	85.1	104B	35	4564	2976	2447	2116	1984	1984
200/65R16	W6	198	666	309	1968	94A8	2.4	1540	840	710	700	670	670
		7.8	26.2	12.2	77.5	94B	35	3395	1852	1565	1543	1477	1477
200/70R16	W6	198	686	314	2049	94A8	2.4	1540	840	710	700	670	670
	7JA	7.8	27	12.4	80.7	94B	35	3400	1850	1570	1540	1480	1480
320/65R18	W10	310	873	389	2575	109A8	1.6	2370	1290	1090	1070	1030	950
		12.2	34.4	15.3	101.4	106B	23	5225	2844	2403	2359	2271	2094
260/70R18	W8	258	821	382.5	2460	114A8	2.8	2710	1770	1310	1260	1180	1180
		10.2	32.3	15.1	96.9	114B	41	5975	3902	2888	2778	2601	2601
280/70R18	W9	282	849	387	2530	114A8	2.4	2710	1480	1250	1230	1180	1180
		11.1	33.4	15.2	99.6	114A8	35	5975	3263	2756	2712	2601	2601

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)					
								Recommended load, kg (lbs)					
		Constant Load Application											
		SW	OD								bar psi	Static	10 6
mm	mm	mm	mm	mm	mm								
in	in	in	in	in	in								
320/70R20	W10	320	982	446	2926	113A8	1.6	2650	1440	1220	1200	1150	1150
		12.6	38.7	17.6	115.2	113B	23	5842	3175	2690	2646	2535	2535
360/70R24	W11	360	1152	535	3440	122A8	1.6	3450	1880	1590	1560	1500	1500
		14.2	45.4	21.1	135.4	122B	23	7606	4145	3505	3439	3307	3307
380/70R24	W12	380	1190	540	3546	125A8	1.6	3800	2060	1750	1720	1650	1650
		15	46.9	21.3	139.6	125B	23	8378	4542	3858	3792	3638	3638
320/85R28	W11	329	1252	562	3741	124A8	1.6	3680	2000	1700	1660	1600	1600
		13	49.3	22.1	147.3	124B	23	8113	4409	3748	3660	3527	3527
480/70R28	W15L	479	1421	632	4210	140A8	1.6	5750	3750	2780	2680	2500	2500
		18.9	55.9	24.9	165.7	140B	23	12677	8267	6129	5908	5512	5512
340/85R28	W11 W12	343	1289	607.5	3835	127A8	1.6	4030	2630	1940	1870	1750	1750
		13.5	50.7	23.9	151	127B	23	8885	5798	4277	4123	3858	3858
480/70R30	W15L W14L W16L	479	1478	669	4420	141A8	1.6	5920	3860	2860	2760	2575	2575
		18.9	58.2	26.3	174	141B	23	13051	8510	6305	6085	5677	5677
480/70R34	W15L	479	1580	723	4715	143A8	1.6	6270	4090	3020	2920	2725	2725
		18.9	62.2	28.5	185.6	143B	23	13823	9017	6658	6437	6008	6008

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)						
								Recommended load, kg (lbs)						
		Log Skidder Application												
		SW	OD											
		mm	mm				mm	mm	mm	mm	mm	mm	mm	mm
in	in	in	in	in	in	in	in	in	in	in	in	in		
280/70R16	W8 W9	282	800	363	2384	112A8	2.4	2580	1400	1190	1160	1120	1120	
		11.1	31.5	14.3	93.9	112B	35	5690	3090	2620	2560	2470	2470	
320/70R20	W10 W11	320	982	446	2926	113A8	1.6	2650	1440	1220	1200	1150	1150	
	W9	12.6	38.7	17.6	115.2	113B	23	5840	3180	2690	2650	2540	2540	

221

HF-2



Alliance 221 Grassland Flotation (High Flotation) tire improves mobility of utility vehicles and agricultural implements and can replace dual tire configurations. The tire has high load capacity with reduced inflation and rolling resistance. The large footprint of the tire minimizes damage to the field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Tractor Application									
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6
31X15.50-15	13LB	391	792	367	2371	6	2.1	1609	1541	1287	1229	1160	1092	1073	1034	995	975
		15.4	31.2	14.4	93.3	107B	30	3550	3400	2840	2710	2560	2410	2370	2280	2190	2150
31X15.50-15	13LB	391	792	370	2397	8	3.1	2063	1975	1650	1575	1488	1400	1375	1325	1275	1250
		15.4	31.2	14.6	94.4	116B	45	4550	4350	3640	3470	3280	3090	3030	2920	2810	2760

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Tractor Application							
								mm in	mm in	mm in	mm in	bar psi	10 6	20 12	25 16
33X15.50-15NHS	13LB	390	875	375	2530	8PR	3.1	2220	2110	2000	1890	1780	1710	1630	1550
		15.4	34.4	14.8	99.6	123B	45	4894	4652	4409	4167	3924	3770	3594	3417

316

R-3



The Alliance 316 is a multi-purpose tractor that provides high flotation on soft soil. The flotation provides plant and lawn protection as well as orchard and grove protection. The tire is suitable for on-the-road, industrial and road construction equipment. The tire is built with a strong nylon construction and has a rugged design.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
				Tractor Application										
				mm in	mm in		mm in	mm in	bar psi	10 6	15 9	20 12	25 16	30 19
12.4-16	W10L 10LB	315	931	426	2718	10	3.2	2422	2175	2016	1856	1610	1508	1450
		12.4	36.7	16.8	107	121A8	46	5340	4800	4450	4090	3550	3330	3200

322

HF-1



Alliance 322 tread pattern provides extremely gentle operation of golf carts, turf equipment and lawn mowers. The high void to rubber ratio enables long tread life, large footprint, as well as low and uniform ground pressure. Low tread depth and unique shoulder design minimize turf damage on hills and during sharp turns. The large footprint allows more tread on the ground and keeps the machine/equipment from sinking in while crossing wet or soft ground. The 322 tread pattern also provides smooth operation on hard surfaces.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)						
								Speed, km/h (mph)						
		SW	OD					lawn and turf application						
		mm in	mm in	mm in	mm in		bar psi	Static	15 9	20 12	25 16	30 19	40 25	50 31
33X16LL-16.1	14	427	851	386	2520	10	2.3	3460	2190	2150	2080	1970	1860	1750
		16.8	33.5	15.2	99.2	127B	33	7628	4828	4740	4586	4343	4101	3858

784

R-3



The flotation design of Alliance 784 provides low footprint pressure ensuring minimum damage to the surface. The shallow tread pattern is tailored to provide maximum flotation and eliminate the need of using multiple machines for various turf operations.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)
								Speed, km/h (mph)
		SW	OD					lawn and turf application
		mm in	mm in	mm in	mm in		bar psi	50 31
33X16LL-16.1	14	427	833	387	2497	10	2.3	1750
		16.8	32.8	15.2	98.3	127B	33	3860

MATERIAL HANDLING



EARTHMOVER



BIAS EARTHMOVER



210

E-2/L-2



Alliance 210 Super Transport Lug tire is engineered to carry heavy loads on all types of surfaces such as sand, rock, mud, snow, etc. Its special tread design provides good traction and high mileage. The cap and base tread construction coupled with a strong nylon carcass ensures smooth running and long tire life.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)							
		SW mm in	OD mm in					Speed, km/h (mph)							
				bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 43	80 50			
11.00-20	8 8.00 8.05 8.5 8.50 8.5	293 11.5	1104 43.5	516 20.3	3355 132.1	12PR 143F	5.2	3890	3540	2950	2710	2640	2600	2480	2360
							7.5	8580	7800	6500	5980	5820	5730	5470	5200
							5.9	4500	4090	3410	3130	3050	3000	2860	2725
							8.6	9920	9020	7520	6900	6720	6610	6310	6010
						14PR 146F	6.2	4370	3980	3310	3050	2970	2920	2780	2650
							9.0	9630	8770	7300	6720	6550	6440	6130	5840
							6.9	4950	4500	3750	3450	3360	3300	3150	3000
							10.0	10910	9920	8270	7610	7410	7280	6950	6610
						16PR 150F	7.2	4790	4350	3630	3340	3250	3190	3050	2900
							10.4	10560	9590	8000	7360	7170	7030	6720	6390
							7.9	5530	5030	4190	3850	3750	3690	3520	3350
							11.5	12190	11090	9240	8490	8270	8140	7760	7390
12.00-20	8.5 8.50 8.5 5 9.0 9.05	315 12.4	1145 45.1	534 21	3514 138.3	14PR 149F	5.5	4620	4200	3500	3220	3140	3080	2940	2800
							8.0	10190	9260	7720	7100	6920	6790	6480	6170
							6.2	5360	4880	4060	3740	3640	3580	3410	3250
							9.0	11820	10760	8950	8250	8030	7890	7520	7170
						16PR 152F	6.6	5200	4730	3940	3620	3530	3470	3310	3150
							9.6	11460	10430	8690	7980	7780	7650	7300	6950
							7.2	5860	5330	4440	4080	3980	3910	3730	3550
							10.4	12920	11750	9790	9000	8770	8620	8220	7830
						18PR 154F	7.2	5530	5030	4190	3850	3750	3690	3520	3350
							10.4	12190	11090	9240	8490	8270	8140	7760	7390
							7.9	6190	5630	4690	4310	4200	4130	3940	3750
							11.5	13650	12410	10340	9500	9260	9110	8690	8270
20PR 156F	7.6	5810	5280	4400	4050	3940	3870	3700	3520						
	11.0	12810	11640	9700	8930	8690	8530	8160	7760						
	8.3	6600	6000	5000	4600	4480	4400	4200	4000						
	12.0	14550	13230	11020	10140	9880	9700	9260	8820						
11.00-24	8 8.00 8.0 8.5 8.50 8.5	293 11.5	1206 47.5	567 22.3	3355 132.1	12PR 147F	5.2	4500	4090	3410	3130	3050	3000	2860	2725
							7.5	9920	9020	7520	6900	6720	6610	6310	6010
							5.9	5070	4610	3840	3540	3440	3380	3230	3075
							8.6	11180	10160	8470	7800	7580	7450	7120	6780
						14PR 151F	6.2	4950	4500	3750	3450	3360	3300	3150	3000
							9.0	10910	9920	8270	7610	7410	7280	6950	6610
							6.9	5690	5180	4310	3970	3860	3800	3620	3450
							10.0	12540	11420	9500	8750	8510	8380	7980	7610
						16PR 154F	7.2	5360	4880	4060	3740	3640	3580	3410	3250
							10.4	11820	10760	8950	8250	8030	7890	7520	7170
							7.9	6190	5630	4690	4310	4200	4130	3940	3750
							11.5	13650	12410	10340	9500	9260	9110	8690	8270

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW mm in	OD mm in				mm in	mm in	bar psi	15 9	20 12	30 19	40 25	50 31	60 37
12.00-24ML	8.5 8.50 8.5 9 9.00 9.0	315 12.4	1247 49.1	585 23	3355 132.1	14PR 153F	5.5	5200	4730	3940	3620	3530	3470	3310	3150
							80	11460	10430	8690	7980	7780	7650	7300	6950
							6.2	6020	5480	4560	4200	4090	4020	3830	3650
							90	13270	12080	10050	9260	9020	8860	8440	8050
						16PR 156F	6.6	5860	5330	4440	4080	3980	3910	3730	3550
							96	12920	11750	9790	9000	8770	8620	8220	7830
							7.2	6600	6000	5000	4600	4480	4400	4200	4000
							104	14550	13230	11020	10140	9880	9700	9260	8820
						18PR 158F	7.2	6190	5630	4690	4310	4200	4130	3940	3750
							104	13650	12410	10340	9500	9260	9110	8690	8270
							7.9	7010	6380	5310	4890	4760	4680	4460	4250
							115	15450	14070	11710	10780	10490	10320	9830	9370
						20PR 160F	7.9	6600	6000	5000	4600	4480	4400	4200	4000
							115	14550	13230	11020	10140	9880	9700	9260	8820
							8.6	7430	6750	5630	5180	5040	4950	4730	4500
							125	16380	14880	12410	11420	11110	10910	10430	9920
						24PR 164F	9.2	7340	6680	5560	5120	4980	4900	4670	4450
							133	16180	14730	12260	11290	10980	10800	10300	9810
							10.3	8250	7500	6250	5750	5600	5500	5250	5000
							149	18190	16540	13780	12680	12350	12130	11570	11020

212



The Alliance 212 D.S. Logger is an ideal design (in Earthmoving and Loaders) for heavy-duty jobs under all working conditions. Its special non-directional tread design and heavy-duty all nylon carcass results in a strong tire that withstand cuts, snags and bruises under all service conditions.



TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load Index	Infl. press.	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW mm in	OD mm in					mm in	mm in	Speed Sym	bar psi	15 9	20 12	25 16	30 19	40 25
12.00-25	8.5	315 12.4	1247 49.1	568 22.4	3700 145.7	16PR 149B/144D	4.5 65	3640 8020	3580 7890	3510 7730	3450 7600	3350 7380	3250 7160	3190 7030	3020 6650	2800 6170
		13.00-25	10 8.5	651 25.6	1285 50.6	582 22.9	3800 149.6	16PR 152B/146D	4 58	3980 8770	3910 8610	3830 8440	3760 8280	3660 8060	3550 7820	3480 7670
18PR 154B/149D	4.5 65							4200 9250	4130 9100	4050 8920	3980 8770	3860 8500	3750 8260	3680 8110	3490 7690	3250 7160
20PR 156B/151D	5 73							4480 9870	4400 9690	4320 9520	4240 9340	4120 9070	4000 8810	3920 8630	3720 8190	3450 7600

302

L-2/G-2/E-2



Alliance 302 Industrial Implement tire is a heavy duty implement tire for industrial application and for all types of hard surfaces. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kinds of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.



ARTICULATED DUMP TRUCKS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					Articulated Dump Trucks	
15.5-25	12	394	1277	601	3849	12	2.5	3250	
		15.5	50.3	23.7	151.5		36	7170	

WHEEL LOADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Wheel Loader Application											
								mm in	mm in	mm in	mm in	psi	Static	Creep	5 3	10 6	15 9	20 12	25 16
15.5-25	12	394	1277	601	3849	12	4	8960	7280	6385	5600	4870	4705	4480	4310	4145	3920	3750	3530
		15.5	50.3	23.7	151.5		58	19750	16050	14080	12350	10740	10370	9880	9500	9140	8640	8270	7780

GRADERS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in	mm in	mm in		psi	10 6	20 12	30 19	40 25	50 31	60 37	65 40
15.5-25	12	394	1277	601	3849	12	2.5	2650	2650	2650	2650	2410	2175	1935
		15.5	50.3	23.7	151.5		36	5840	5840	5840	5840	5310	4800	4270

306

G-2/L-2



The Alliance 306 design is a tough road grader tire developed especially to withstand rugged terrains. Its massive lugs are reinforced and connected to an extra thick center tread rubber belt. This design feature enables the tire to be used for long lasting service in tough conditions. The nylon construction enables the tire to overcome obstacles and provides a longer wearing period.



ARTICULATED DUMP TRUCKS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					Articulated Dump truck									
		mm in	mm in					psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
13.00-24	10.00VA 9.00	353	1278	592	3502	16	4	-	-	-	-	-	-	-	-	3550	-
		13.9	50.3	23.3	137.9		58	-	-	-	-	-	-	-	-	7830	-
14.00-24TG	10.00W	362	1348	602	3924	16	3.75	4480	4400	4320	4240	4160	4120	4080	4000	3880	
		14.3	53.1	23.7	154.5		54	9880	9700	9520	9350	9170	9080	9000	8820	8550	
17.5-25	14.00 14.00LR	444	1348	606	4007	16	3	4760	-	-	-	-	-	-	-	4250	-
		17.5	53.1	23.9	157.8		44	10490	-	-	-	-	-	-	-	9370	-

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	psi	15 9	20 12	25 16	30 19	35 22	40 25
17.5-25	14.00	444	1348	606	4007	16	3	4760	4680	4590	4510	4420	4380	4340	4250	4120
	14.00LR	17.5	53.1	23.9	157.8		44	10494	10320	10120	9940	9740	9660	9570	9370	9080

WHEEL LOADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD	psi	Loader Application												
					Static		Creep	5 3	10 6	15 9	20 12	25 16	30 19	40 25	50 31		
13.00-24	10.00VA 9.00	353	1278	592	3502	16	6	10400	8450	7410	6500	-	5460	-	5005	4550	4095
		13.9	50.3	23.3	137.9	150A8	87	22930	18630	16340	14330	-	12040	-	11030	10030	9030
14.00-24TG	10.00W	362	1348	602	3924	16	5.75	12000	-	8480	7500	6380	-	-	-	-	-
		14.3	53.1	23.7	154.5		83	26460	-	18700	16540	14070	-	-	-	-	-
16.00-24TG	10VA	427	1460	670	4350	16	4.25	13200	-	9320	8250	-	-	7010	-	-	-
		16.8	57.5	26.4	171.3	160A8	62	29100	-	20550	18190	-	-	15450	-	-	-
17.5-25	14.00	444	1348	622	4099	12	3.5	9840	-	6950	6150	-	-	5230	-	-	-
		17.5	53.1	24.5	161.4		51	21690	-	15320	13560	-	-	11530	-	-	-
17.5-25	14.00	444	1348	606	4007	16	4.75	11680	-	8250	7300	-	-	6210	-	-	-
		17.5	53.1	23.9	157.8		69	25750	-	18190	16090	-	-	13690	-	-	-
16.00-24TG	10	427	1460	670	4350	16	4.25	-	-	9320	8250	-	-	-	-	-	-
		16.8	57.5	26.4	171.3		62	-	-	20550	18190	-	-	-	-	-	-
17.5-25	14.00 25 14.00LR	444	1348	606	4007	12	3.5	6950	-	6150	5230	-	-	-	-	-	-
		17.5	53.1	23.9	157.8		51	15320	-	13560	11530	-	-	-	-	-	-
		444	1348	606	4007	16	4.75	8250	-	7300	6210	-	-	-	-	-	-
		17.5	53.1	23.9	157.8		69	18190	-	16090	13690	-	-	-	-	-	-

GRADERS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD	Grader application															
		mm in	mm in	mm in	mm in		psi	10 6	15 9	20 12	25 16	30 19	35 22	40 25	45 25	50 31	60 37	65 40	Static
13.00-24	10.00VA 29.00	353	1278	592	3502	16	4	3350	-	3350	-	3350	-	3350	-	3050	2745	2445	3350
		13.9	50.3	23.3	137.9		58	7390	-	7390	-	7390	-	7390	-	6720	6050	5390	7390
14.00-24TG	10.00W	362	1348	602	3924	16	3.5	-	3980	3910	3830	3760	3690	3650	3580	3540	-	-	-
		14.3	53.1	23.7	154.5		5.1	-	-	-	-	-	-	8047	-	-	-	-	-
16.00-24TG	10.00VA	427	1460	670	4350	16	3	-	4910	4820	4730	4640	4550	4500	4410	4370	-	-	-
		16.8	57.5	26.4	171.3		44	-	10830	10630	10430	10230	10030	9920	9720	9630	-	-	-
17.5-25	14.00 14.00LR	444	1348	622	4099	12	2	3160	3160	3100	3050	2990	2930	2900	2840	2810	-	-	-
		17.5	53.1	24.5	161.4		29	-	6967	6834	6724	6592	6460	6393	6261	6195	-	-	-
		444	1348	606	4007	16	2.75	-	3650	3580	3520	3450	3380	3350	3280	3250	-	-	-
		17.5	53.1	23.9	157.8		40	-	8047	7893	7760	7606	7452	7385	7231	7165	-	-	-

307

G-2/L-2

CRC

CUT & CHIP
RESISTANT
COMPOUND

GRADER



WHEEL LOADER



TELEHANDLER

Alliance 307 is a pattern developed for Grader-Loader applications. The design provides optimal traction and cut resistance and also enables the tire to have excellent self cleaning characteristics and long life.



LOADER GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD					Recommended Load Capacity (For Grader)	Recommended Load Capacity (For Loader/Dozer/TH)
		mm in	mm in	mm in	mm in		bar psi	40 25	10 6
14.00-24	8.00TG	360 14.2	1338 52.7	607 23.9	3910 153.9	12PR	2.5	3075	-
							36	6780	-
							4.25	-	6300
							62	-	13890
14.00-24	8.00TG	360 14.2	1338 52.7	601 23.9	3955 153.9	16PR	3.5	3650	-
							51	8050	-
							5.5	-	7300
							80	-	16090

ADT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD					Grader/Loader Application	Telehandler /Forklift Application
		mm in	mm in	mm in	mm in		bar psi	40 25	10 6
13.00-24	8.00TG	330 13	1270 50	573 22.6	3728 146.8	12	3	2725	-
							44	6010	-
							4.5	-	5600
							65	-	12350
14.00-24	8.00TG	360 14.2	1338 52.7	607 23.9	3910 153.9	12	2.5	3075	-
							36	6780	-
							4.25	3075.3	6300
							62	6780	13889.1
15.5-25	12TU	390 15.4	1278 50.3	584 23	3763 148.1	12	2.5	2650	-
							62	5840	-
							4	-	5600
							58	-	12350
17.5-25	14TU	440 17.3	1347 53	597 23.5	3940 155.1	16	2.75	3350	-
							40	7390	-
							4.75	-	7300
							69	-	16090
20.5-25	17	518 20.4	1493 58.8	674 26.5	4445 175	16	2.2	4000	-
							33	8820	-
							3.5	-	8250
							51	-	18190



Alliance 308 is a tire designed for rugged service on front-end loaders. Husky tread bars are sized and angled for maximum traction and specially contoured to resist tearing and chipping. The overlapping lugs ensure smooth rolling on any type of surface and the spacing between lugs provides self-cleaning properties. It is built with ozone and weather-resistant compounds and has a strong nylon construction.



ARTICULATED DUMP TRUCKS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)
								Speed, km/h (mph)
		SW	OD					ADT
		mm in	mm in	mm in	mm in		bar psi	10 6
17.5-25	14	444	1348	606	4147	16	4.75	7300
		17.5	53.1	23.9	163.3		69	16094
17.5-25	14	445	1348	606	4147	12	3.5	6150
		17.5	53.1	23.9	163.3		51	13558
20.5-25	17.00/2.0	520	1492	658	4340	20	4.5	9500
		20.5	58.7	25.9	170.9		65	20944

DOZERS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)			
								Speed, km/h (mph)			
		SW	OD					OFF THE ROAD			
		mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6	25 16
15.5-25	12	394	1277	564	3893	12	4	8960	6330	5600	4480
		15.5	50.3	22.2	153.3		58	19753	13955	12346	9877
20.5-25	17	520	1492	634	4377	16 181A2	3.5	13200	9320	8250	7010
		20.5	58.7	25	172.3		51	29100	20547	18188	15454

318

L-3/E-3

HRC

HEAT
RESISTANT
COMPOUNDRIGID DUMP
TRUCKRUBBER TIRE
GANTRYWATER
SPRINKLERARTICULATED
DUMP TRUCK

DOZER

WHEEL
LOADER

Alliance 318 is continuous lug design pattern that ensures excellent traction and makes it ideal for high torque equipment. Its strong nylon casing with reinforced & High turn up bead provides additional strength, low flexing while the sidewall design ensures low heat build up and longer tire life. The wear resistant compound protects against wear under varied conditions.



LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
18.00-25 L-3	13	498 19.6	1617 63.7	726 28.6	4760 187.4	28	5	8960	8800	8640	8480	8320	8240	8160	8000	7760
						180B	73	19750	19400	19050	18700	18340	18170	17990	17640	17110
						32	5.75	9800	9630	9450	9280	9100	9010	8930	8750	8490
						183B	83	21610	21230	20830	20460	20060	19860	19690	19290	18720
						40	7	10920	10730	10530	10340	10140	10040	9950	9750	9460
						187B	102	24070	23660	23220	22800	22360	22130	21940	21500	20860

TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
17.5-25	14	444 17.5	1348 53.1	599 23.6	3940 155.1	12	2.25	4090	4020	3940	3870	3800	3760	3720	3650	3540
						153B	33	9020	8860	8690	8530	8380	8290	8200	8050	7800
						16	3	4760	4680	4590	4510	4420	4380	4340	4250	4120
						158B	44	10490	10320	10120	9940	9740	9660	9570	9370	9080
						20	4	5600	5500	5400	5300	5200	5150	5100	5000	4850
						164B	58	12350	12130	11910	11680	11460	11350	11240	11020	10690
						24	5	6500	6380	6260	6150	6030	5970	5920	5800	5630
						169B	73	14330	14070	13800	13560	13290	13160	13050	12790	12410
29.5-25 E-3	25.00/3.5	750 29.5	1873 73.7	819 32.2	5420 213.4	22	2.5	11200	11000	10800	10600	10400	10300	10200	10000	9700
						185B	36	24690	24250	23810	23370	22930	22710	22490	22050	21390
						28	3.25	12880	12650	12420	12190	11960	11850	11730	11500	11160
						190B	47	28400	27890	27380	26870	26370	26130	25860	25350	24600
						32	3.75	14370	14090	13810	13540	13270	13010	12750	12500	12130
						196B	54	31680	31060	30450	29850	29260	28680	28110	27560	26740

ARTICULATED DUMP TRUCKS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
								For Loader	For Transport
							mm in	mm in	mm in
17.5-25	14	445	1348	621	4140	16	3	NA	4250
		17.5	53.1	24.4	163	177A2	44	NA	9370
							4.75	7300	NA
							69	16090	NA
20.5-25	17	520	1492	673.1	4329	20	3.25	NA	6000
		20.5	58.7	26.5	170.43	186A2	47	NA	13230
							4.5	9500	NA
							65	20940	NA
23.5-25	19.5	597	1617	705	4795	20	3	NA	7300
		23.5	63.7	27.8	188.8	191A2		NA	16090
							3.75	10900	NA
							54	24030	NA

Size	Rim	TRA Code	Tire Type	NSD mm	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)	
					SW	OD					Speed, km/h (mph)	
					mm in	mm in					10 6	
26.5-25	22.00/3.0 22.00	E-3/L-3	TL	28	673 26.5	1750 68.9	742 29.2	5068 199.5	20	2.5 36	8250 18190	
26.5-25	22.00/3.0 22.00	E-3/L-3	TL	38 46.99	673 26.5	1750 68.9	748 29.4	5136 202.2	24	3 44	9250 20390	
26.5-25	22.00/3.0 22.00	E-3/L-3	TL	38 49.53	673 26.5	1750 68.9	751 29.6	5126 201.8	28	3.5 51	10000 22050	

DOZERS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
								Off the Road			
		mm in	mm in		mm in		mm in	bar psi	Static	5 3	10 6
17.5-25	14.00	444	1348	592	3993	12	3.5	9840	6950	6150	5230
	SDC 14	17.5	53.1	23.3	157.2		51	21690	15320	13560	11530



Alliance 695 is the new addition to the construction and mining range of tires. It is designed for a variety of terrains from soft muddy soil to gravelly rocky terrain. The advanced S pattern provides optimum traction, excellent stability, and durability to ensure maximum productivity.



ARTICULATED DUMP TRUCKS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
								Articulated Dump Trucks
					mm in		mm in	mm in
15.5-25	12.0/1.3, 12.00, 12.00LR, 13.00LR	394 15.5	1278 50.3	579 22.8	3758 148	12	2.5 36	3250 7170

WHEEL LOADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)
								Speed, km/h (mph)
								Wheel Loader
		mm in	mm in		mm in		mm in	bar psi
15.5-25	12.0/1.3, 12.00, 12.00LR, 13.00LR	394	1278	579	3758	12	4	5600
		15.5	50.3	22.8	148		58	12350

SUPER GRIP

G-3/L-3/E-3



RUBBER TIRE
GANTRY



WATER
SPRINKLER



WHEEL
LOADER



DOZER



RIGID DUMP
TRUCK



ARTICULATED
DUMP TRUCK

Robust nylon casing with high number of actual plies provides excellent stability. It is a all purpose tire suitable for earthmoving applications. High ground contact area gives good traction on paved surfaces and continues lug patterns, which help to reduce the chances of lug chunking and tire damage resulting in high life of tire. High turn up around bead, which results in less flexing at the bead area, protect the bead & minimizes the chances of bead failure. Provides large ground contact area, to ensure that the pressure on the ground is less, resulting in more life and uniform wear.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		SW	OD	Off the road												
		mm in	mm in	mm in	mm in		psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
18.00-25	13.00/2.5-25	498	1617	746	4829	40	10	10920	10730	10530	10340	10140	10040	9950	9750	9460
		19.6	63.7	29.4	190.1		145	24070	23660	23220	22800	22360	22130	21940	21500	20860

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)			
								Speed, km/h (mph)			
								off the road			
		SW mm in	OD mm in					mm in	mm in	psi	Static
20.5-25	17	520	1492	660	4412	16	3.5	13200	9320	8250	7010
		20.5	58.7	26	173.7		51	29100	20550	18190	15450

SUPER TRAC 311

L-3/E-3



HEAVY DUTY
FORKLIFT



RIGID DUMP
TRUCK

Alliance Super Trac 311 is versatile premium design for all-purpose Industrial & Port applications. Tread design provides High ground contact for good traction on paved surfaces and mitigate the chances of lug chunking and tire damage. Robust nylon casing & reinforced high strength bead provides excellent stability. It has a special tread compound for extra long life even on abrasive surfaces. Its extra thick side wall limits flexing during operation, thus lesser heat is generation. This reduces the probability of sidewall damage and results in longer service life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in	mm in	mm in		bar psi	50 31
14.00-25	13	375	1368	621	4095	20	4.75	4625
		14.8	53.9	24.4	161.2		69	10200

RADIAL EARTHMOVER

600

E-2/L-2/G-2

HRC

AS

HEAT
RESISTANT
COMPOUND

ALL STEEL

WHEEL LOADER

DOZER

GRADER

ARTICULATED
DUMP TRUCK

Alliance 600 is a modern wide base, all steel radial tire for all types of earthmoving equipment. Its unique tread design and sophisticated construction ensure superior performance coupled with smoother rides and higher productivity.

LOADER DOZER



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Off-the road				Infl. press	Hard Improved Surfaces			
		mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6	25 16
17.5R25 L2	14.00/1.5	445	1345	619	3994	*	4.5	11360	8020	7100	6040	5.4	12780	10300	9590	8880
		17.5	53	1364.6	8805.2	176A2	65	25040	17680	15650	13320	78	28180	22710	21140	19580

655

E-2/L-2/G-2

SC

AS

SPECIAL
COMPOUND

ALL STEEL

WHEEL LOADER

ARTICULATED
DUMP TRUCK

GRADER

Alliance 655 Multiuse Special Winter tire represents an excellent all-season tire provided with specific, wide, non directional tread pattern which enables good grip on every surface and good self cleaning even in muddy terrains. Its strong steel stress resistant casing reduces punctures. The tire's special rubber compound, aggressive blocks and sipes enable exceptional traction, maneuvering ability and braking on ice and snow as well as on sand and loose terrains. Low motion resistance of the tire significantly decreases vehicle fuel consumption, and the special rubber compound along with strong all-steel carcass enables longevity.



ARTICULATED DUMP TRUCKS

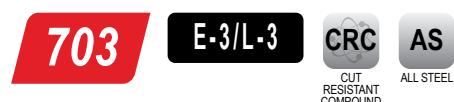
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD mm	load index Speed Sym	MAX SPEED	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES											
									Star Mark											
		SW	OD						*											
		mm in	mm in	mm in	mm in				KPA Psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76
15.5R25	12.00/1.3-25	1275	399	590	3860	25.8	160B	50	Kg	2800	3000	3150	3350	3550	3650	3875	4000	4250	4375	4500
		50.2	15.7	23.2	152	32.5		30	lbs	6150	6600	6950	7400	7850	8050	8550	8800	9350	9650	9900
17.5R25	14.00/1.5 - 25	1349	440	725.3	4069	28.84	167B	50	Kg	3350	3550	3750	4000	4125	4375	4625	4750	5000	5150	5450
		53.1	17.3	28.6	160.2	36.3		30	lbs	7400	7850	8250	8800	9100	9650	10200	10500	11000	11400	12000
20.5R25	17.00/2.0-25	1490	529	642.5	4440	31.9	177B	50	Kg	4375	4750	5000	5300	5600	5800	6150	6500	6700	6900	7300
		58.7	20.8	25.3	174.8	40.2		30	lbs	9650	10500	11000	11700	12300	12800	13600	14300	14800	15200	16100

WHEEL LOADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD mm	load index Speed Sym	MAX SPEED	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES					
									Star Mark					
		SW	OD						*					
		mm in	mm in	mm in	mm in				KPA Psi	400 58	425 62	450 65	475 69	500 73
15.5R25	12.00/1.3-25	1275	399	590	3860	25.8	169A2	10	Kg	5000	5150	5450	5600	5800
		50.2	15.7	23.2	152	32.5		6	lbs	11000	11400	12000	12300	12800
17.5R25	14.00/1.5 - 25	1349	440	725.3	4069	28.84	176A2	10	Kg	6000	6150	6500	6700	7100
		53.1	17.3	28.6	160.2	36.3		6	lbs	13200	13600	14300	14800	15700
20.5R25	17.00/2.0-25	1490	529	642.5	4440	31.9	186A2	10	Kg	8000	8250	8750	9000	9500
		58.7	20.8	25.3	174.8	40.2		6	lbs	17600	18200	19300	19800	20900

ARTICULATED DUMP TRUCKS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD mm	load index Speed Sym	MAX SPEED	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES								
		SW	OD						★								
		mm in	mm in	mm in	mm in				KPA Psi	200 29	225 33	250 36	275 40	300 44	325 47	350 51	375 54
14.00R24TG	8.00TG - 24 10.00VA 9.00 GR	1372	363	611.95	4107	25	153A8	40	Kg	2240	2430	2650	2800	3000	3250	3350	3650
		54	14.3	24.1	161.7	31.5		25	lbs	4940	5360	5840	6150	6600	7150	7400	8050



Alliance 703 is specially constructed for wheel loaders operating in the toughest environments. Loading of heavy loads demands excellent stability and robustness. Sturdy radial construction coupled with a strong sidewall protector provides superior strength and endurance to withstand challenging terrains. Premium tread compounds provide excellent protection against lug-tearing and chunking, helping the machine to perform efficiently without any downtime shaped tread pattern with stepped lugs ensure optimal traction and enhanced self cleaning assuring high productivity.



ARTICULATED DUMP TRUCKS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD mm	load index Speed Sym	MAX SPEED	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES											
		SW	OD						Star Mark											
		mm in	mm in	mm in	mm in					KPA Psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73
17.5R25	14.00 /1.5	1350	445	623	4009	28.9	167B	50	Kg	3350	3550	3750	4000	4125	4375	4625	4750	5000	5150	5450
		53.1	17.5	24.5	157.8	36.4		30	lbs	7400	7850	8250	8800	9100	9650	10200	10500	11000	11400	12000
20.5R25	17.00 / 2.0	1493	525	662	4414	33.2	177B	50	Kg	4375	4750	5000	5300	5600	5800	6150	6500	6700	6900	7300
		58.8	20.7	26.1	173.8	41.8		30	lbs	9650	10500	11000	11700	12300	12800	13600	14300	14800	15200	16100
23.5R25	19.50 / 2.5	1622	606	729.1	4900	36	185B	50	Kg	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250
		63.9	23.9	28.7	192.9	45.4		30	lbs	12300	13200	14300	14800	15700	16500	17100	18200	18700	19800	20400
26.5R25	22.00 / 3.0	1745	678	755	5247	39.7	193B	50	Kg	7100	7500	8000	8500	9000	9500	9750	10300	10600	11200	11500
		68.7	26.7	29.7	206.6	50		30	lbs	15700	16500	17600	18700	19800	20900	21500	22700	23400	24700	25400
29.5R25	25.00/ 3.5	1862	756	821	5575	45	200B	50	Kg	8500	9250	9750	10300	10900	11500	11800	12500	12850	13600	14000
		73.3	29.8	32.3	219.5	56.7		30	lbs	18700	20400	21500	22700	24000	25400	26000	27600	28300	30000	30900

WHEEL LOADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD mm	load index Speed Sym	MAX SPEED	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES											
		SW	OD						Star Mark	**										
		mm in	mm in	mm in	mm in					KPA Psi	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91
17.5R25	14.00/1.5	1350	445	623	4009	28.9	182A2	10	Kg	6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500
		53.1	17.5	24.5	157.8	36.4		5	lbs	13200	13600	14300	14800	15700	16100	16500	17100	17600	18200	18700
20.5R25	17.00/2.0	1493	525	662	4414	33.2	193A2	10	Kg	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
		58.8	20.7	26.1	173.8	41.8		5	lbs	17600	18200	19300	19800	20900	21500	22000	22700	24000	24700	25400
23.5R25	19.50/2.5	1622	606	729.1	4900	36	201A2	10	Kg	10300	10600	11200	11500	12150	12500	12850	13200	13600	14000	14500
		63.9	23.9	28.7	192.9	45.4		5	lbs	22700	23400	24700	25400	26800	27600	28300	29100	30000	30900	32000
26.5R25	22.00 /3.0	1745	678	755	5247	39.7	209A2	10	Kg	12850	13200	14000	14500	15000	15500	16000	16500	17000	18000	18500
		68.7	26.7	29.7	206.6	50		5	lbs	28300	29100	30900	32000	33100	34200	35300	36400	37500	39700	40800
29.5R25	25.00/3.5	1862	756	821	5575	45	216A2	10	Kg	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400
		73.3	29.8	32.3	219.5	56.7		5	lbs	34200	35300	37500	38600	39700	41900	43000	44100	45400	46700	49400

704

E-4/L-4

CRC

CUT
RESISTANT
COMPOUND

AS

ALL STEEL



WHEEL LOADER

ARTICULATED
DUMP TRUCK

Alliance 704 is specially built for Articulated Dump Trucks that face extreme conditions during hauling heavy loads. High tread depth and design ensures consistent traction and excellent cut resistance making it the more productive choice. The presence of special compound ensures minimum heat build-up while performing longer runs even at higher speeds. Superior cut & chip protection with optimized belt design provides excellent durability and stability resulting in reduced downtime.



ARTICULATED DUMP TRUCKS

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD mm	load index Speed Sym	MAX SPEED	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES											
		SW	OD						Star Mark	**										
		mm in	mm in	mm in	mm in				KPA	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76
23.5R25	19.50 / 2.50	1643	602	739	4735	52.6	185B	50	Kg	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250
		64.7	23.7	29.1	186.4	66.3		30	lbs	12300	13200	14300	14800	15700	16500	17100	18200	18700	19800	20400
26.5R25	22.00 / 3.0	1761	675	794.1	5236	55	193B	50	Kg	7100	7500	8000	8500	9000	9500	9750	10300	10600	11200	11500
		69.3	26.6	31.3	206.1	69.3		30	lbs	15700	16500	17600	18700	19800	20900	21500	22700	23400	24700	25400
29.5R25	25.00/ 3.5	1890	765	852.2	5611	59	200B	50	Kg	8500	9250	9750	10300	10900	11500	11800	12500	12850	13600	14000
		74.4	30.1	33.6	220.9	74.3		30	lbs	18700	20400	21500	22700	24000	25400	26000	27600	28300	30000	30900

WHEEL LOADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD mm	load index Speed Sym	MAX SPEED	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES											
		SW	OD						Star Mark	**										
		mm in	mm in							KPA Psi	400 58	425 62	450 65	475 69	500 73	52 76	550 80	575 83	600 87	625 91
23.5R25	19.50/2.50	1643	602	739	4735	52.6	201A2	10	Kg	10300	10600	11200	11500	12150	12500	12850	13200	13600	14000	14500
		64.7	23.7	29.1	186.4	66.3		5	lbs	22700	23400	24700	25400	26800	27600	28300	29100	30000	30900	32000
26.5R25	22.00/3.0	1761	675	794.1	5236	55	209A2	10	Kg	12850	13200	14000	14500	15000	15500	16000	16500	17000	18000	18500
		69.3	26.6	31.3	206.1	69.3		5	lbs	28300	29100	30900	32000	33100	34200	35300	36400	37500	39700	40800
29.5R25	25.00/3.5	1890	765	852.2	5611	59	216A2	10	Kg	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400
		74.4	30.1	33.6	220.9	74.3		5	lbs	34200	35300	37500	38600	39700	41900	43000	44100	45400	46700	49400

650

E-3/G-3/L-3

CRC

CUT&CHIP
RESISTANT
COMPOUND

AS

ALL STEEL



WHEEL LOADER



DOZER



GRADER

ARTICULATED
DUMP TRUCK

Alliance 650 has a well proven tread pattern that enables its use for a wide range of applications on different kinds of mobile construction equipment. It's all steel construction ensures higher productivity with lower downtime.



LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Off-the road				Infl. press	Hard Improved Surfaces			
							mm in	mm in	mm in	mm in	bar psi		Static	5 3	10 6	25 16
15.5R25 L-3/E3	12.00/1.3	314	1277	563	3840	**	5.75	11360	8020	7100	6040	6.9	12780	10300	9590	8880
		15.6	50.3	22.2	151.9	176A2	83	25040	17680	15650	13320	100	28180	22710	21140	19580

630

E2

SC

HRC

AS

SPECIAL
COMPOUNDHEAT
RESISTANT
COMPOUND

ALL STEEL

HIGH SPEED
MOBILE CRANE

Alliance 630 has been designed to meet the requirement of comfort in high-speed crane applications, as well as, to enable efficient operations in off the road applications. A specific non-directional tread pattern enables precise steering response, reduces noise and enables high driving comfort. Strong all-steel casing combined with low heat-build-up tread rubber compound enable long and efficient tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					5 3	10 6	20 12	30 19	40 25	50 31	65 40	70 43
16.00R25	11.25/2.0	435	1486	692	4470	177E	9	16790	13150	10220	9490	9050	8610	7740	7300
(445/95R25)		17.1	58.5	27.2	176		131	37016	28991	22531	20922	19952	18982	17064	16094

705

L5

AS

CRC

ALL STEEL

CUT
RESISTANT
COMPOUND

WHEEL LOADER

DOZER

Alliance 705 is a specially designed all-steel radial tire for heavy-duty Wheel loaders/Dozers. Rock pattern is best suited for multiple surfaces with optimum traction. Its extra deep tread (L5) provide higher wearable rubber leads to longer tire life during the life cycle. The premium cut-resistant compound ensures high cut and chip protection. And its sturdy sidewall protector design provides superior strength and endurance to withstand external impacts during the operation as well as lateral stability.



Size	Pattern	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD mm	load index Speed Sym	MAX SPEED	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES												
			SW	OD						Star Mark												**
			mm in	mm in							mm in	mm in	KPA Psi	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	
20.5R25	705	17.00/2.0 - 25	1560	535	699.5	4650	81.4	193A2	10 KMPH	Kg	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500	
			61.4	21.1	27.5	183.1	102.6		5 MPH	lbs	17600	18200	19300	19800	20900	21500	22000	22700	24000	24700	25400	
23.5R25	705	9.50/2.5-25	1674	610	750.1	4970	89.7	201A2	10 KMPH	Kg	10300	10600	11200	11500	12150	12500	12850	13200	13600	14000	14500	
			65.9	24	29.5	195.7	113		5 MPH	lbs	22700	23400	24700	25400	26800	27600	28300	29100	30000	30900	32000	
26.5R25	705	22.0/3.0-25	1794	699	783	5392	97.9	209A2	10 KMPH	Kg	12850	13200	14000	14500	15000	15500	16000	16500	17000	18000	18500	
			70.6	27.5	30.8	212.3	123.4		5 MPH	lbs	28300	29100	30900	32000	33100	34200	35300	36400	37500	39700	40800	
29.5R25	705	25.00/3.5-25	1930	767	847.4	5730	107.2	216A2	10 KMPH	Kg	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400	
			76	30.2	33.4	225.6	135.1		5 MPH	lbs	34200	35300	37500	38600	39700	41900	43000	44100	45400	46700	49400	

706

L5

AS

CRC

ALL STEEL

CUT
RESISTANT
COMPOUND

WHEEL LOADER

DOZER

Alliance 706 is a specially designed all-steel radial tire for heavy-duty Wheel loaders/Dozers. Tread pattern is designed considering a high traction requirement for different surfaces. Its extra deep tread (L5) provide higher wearable rubber leads to longer tire life during the life cycle. The premium cut-resistant compound ensures high cut and chip protection. And its sturdy sidewall protector design provides superior strength and endurance to withstand external impacts during the operation as well as lateral stability.

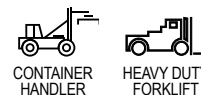


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD mm	load index Speed Sym	MAX SPEED	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES											
		SW	OD						Star Mark	**										
		mm in	mm in							KPA Psi	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91
17.5R25	14.0/1.5-25	1404	445	635.65	4147	64.9	182A2	10 KMPH	Kg	6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500
		55.3	17.5	25	163.3	81.8		5 MPH	lbs	13200	13600	14300	14800	15700	16100	16500	17100	17600	18200	18700
20.5R25	17.00/2.0-25	1548	535	686.1	4550	74.2	193 A2	10 KMPH	Kg	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
		60.9	21.1	27	179.1	93.5		5 MPH	lbs	17600	18200	19300	19800	20900	21500	22000	22700	24000	24700	25400
23.5R25	19.50/2.5 - 25	1662	612	731.2	4860	81.4	201A2	10 KMPH	Kg	10300	10600	11200	11500	12150	12500	12850	13200	13600	14000	14500
		65.4	24.1	28.8	191.3	102.6		5 MPH	lbs	22700	23400	24700	25400	26800	27600	28300	29100	30000	30900	32000
29.5R25	25.00/3.5-25	1909	778	829.2	5540	98.9	216A2	10 KMPH	Kg	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400
		75.2	30.6	32.6	218.1	124.6		5 MPH	lbs	34200	35300	37500	38600	39700	41900	43000	44100	45400	46700	49400

PORT AND MOBILE CRANE



FORKLIFT



309

E-3



Alliance Portstar 309 is designed especially for heavy duty forklift trucks and container handlers operating on hard improved surfaces. Its unique tread design and special rubber compound provide long tread life. The heavy duty nylon construction protects the sidewalls against damage and ensures long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure	Recommend load, kg (lbs)													
								Speed, km/h (mph)													
		SW	OD					Load Wheel						Steer Wheel							
		mm in	mm in					mm in	mm in	bar psi	Static	Creep	5 3	10 6	15 9	20 12	25 16	Static	Creep	5 3	10 6
14.00-24 NHS	10.00/1.5 10.00 10.00VA	375 14.8	1368 53.9	616 24.3	4135 162.8	28	10	18540	16480	14940	13910	13390	13080	12880	14830	13180	11950	11130	10710	10460	10300
							145	40870	36330	32940	30670	29520	28840	28400	32700	29060	26350	24540	23610	23060	22710

MH-504

IND-1



The Alliance MH-504 is a value service tire designed to operate in forklift applications. Engineered with optimal tread depth for high performance in medium intensity operation. Strong Casing : Pneumatic ride comfort strengthened by stiff sidewalls to provide required stability in operations. Excellent load distribution and optimal footprint provides stability in operations a value offering with optimum tread depth for medium duty forklift tires.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD					Drive wheel	Steer Wheel
		mm in	mm in				15 9	25 16	
5.00-8NHS	3.00D	131	469	208	1339	10	10	1250	950
		5.2	18.5	8.2	52.7		145	2760	2090
6.00-9NHS	4.00E L4	165	544	240	1549	10	10	1875	1425
		6.5	21.4	9.4	61		145	4130	3140
6.50-10NHS	5.00F 5.50F	183	602	266	1714	12	9.7	2150	1635
		7.2	23.7	10.5	67.5		141	4740	3610
7.00-12NHS	5.00S 5.0	192	683	304	1956	12	8.8	2720	2065
		7.6	26.9	12	77		128	6000	4550
250-15NHS	7.50BD 7.00BD 7.0 7.5	250	735	336	2163	16	9.3	4285	3265
		9.8	28.9	13.2	85.2		135	9450	7200
28X9-15 (8.15-15)NHS	7.00 7.0BD	221	706	321	2064	14	9.7	3415	2595
		8.7	27.8	12.6	81.3		141	7530	5720
300-15NHS	8.0 8.00BD	300	840	378	2434	20	9.3	6575	4990
		11.8	33.1	14.9	95.8		135	14500	11000
7.50-15NHS	6.00 5.5	215	808	361	2327	12	7.9	3490	2650
		8.5	31.8	14.2	91.6		115	7690	5840
8.25-15NHS	6.5 L6.5	236	847	377	2427	14	9.7	4660	3540
		9.3	33.3	14.8	95.6		141	10270	7800



Alliance 775 is engineered specifically for port service applications. It features an exceptionally abrasion resistant rubber compound that minimizes heat generation for extended tread life. The solid center enhances wear characteristics. The wide flat tread profile maximizes tread to surface contact for superior stability and wear. The specially constructed casing resists separation between plies as well as between the tread and the casing under high stress.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)													
								Speed, km/h (mph)													
		SW	OD					Load wheel							Steer wheel						
							mm in	mm in	mm in	mm in	mm in	mm in	mm in	Static	Creep	5 3	10 6	15 9	20 12	25 16	Static
12.00-24	8.5	315	1245	585	3808	20	10	12420	11040	10010	9320	8970	8760	8630	9940	8830	8010	7460	7180	7010	6900
		12.4	49	23	149.9	A2	145	22070	20550	19780	19030	24340	27380	19310	17660	16450	15450	15210	19470	21910	15830



A new generation tire MH- 855 is an ultimate partner for heavy duty, round-the-clock forklift operations. It is designed to combine superior traction along with unmatched machine stability and provide comfortable cushioned rides while working on challenging surfaces. Its cut and chip resistant compound ensures durability and extended tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD					Drive wheel	Steer Wheel
		mm in	mm in	mm in	mm in		psi	15 9	25 16
6.00-9NHS	4.00E	165	544	240	1549	10	8.6	1685	1280
		6.5	21.4	9.4	61		125	3720	2820
6.50-10NHS	5.00F	183	602	266	1714	12	9.7	2150	1635
		7.2	23.7	10.5	67.5		141	4740	3610
7.00-12 NHS	5.00S	192	683	308	2050	12	8.6	2720	2065
		7.6	26.9	12.1	80.7		125	6000	4550
28X9-15 NHS (8.15-15NHS)	7.00 7.00BD	221	706	321	2064	14	9.7	3415	2595
		8.7	27.8	12.6	81.3		141	7530	5720
8.25-15NHS	6.5	236	847	377	2427	14	10	4255	3235
		9.3	33.3	14.8	95.6		145	9380	7130

SUPER TRAC 311

L-3/E-3



HEAVY DUTY
FORKLIFT



RIGID DUMP
TRUCK

Alliance Super Trac 311 is versatile premium design for all-purpose Industrial & Port applications. Tread design provides High ground contact for good traction on paved surfaces and mitigate the chances of lug chunking and tire damage. Robust nylon casing & reinforced high strength bead provides excellent stability. It has a special tread compound for extra long life even on abrasive surfaces. Its extra thick side wall limits flexing during operation, thus lesser heat is generation. This reduces the probability of sidewall damage and results in longer service life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)													
		Speed, km/h (mph)																			
		Load Wheel						Steer Wheel													
		SW	OD					mm in	mm in	mm in	mm in	psi	Static	Creep	5 3	10 6	15 9	20 12	25 16	Static	Creep
mm in	mm in																				
14.00-24	10	375	1368	605	4089	28	10	18540	16480	14940	13910	13390	13080	12880	14830	13180	11950	11130	10710	10460	10300
		14.8	53.9	23.8	161		145	40870	36330	32940	30670	29520	28840	28400	32700	29060	26350	24540	23610	23060	22710
16.00-25	11.25/2.0	432	1493	658	4423	32	10	22500	20000	18130	16880	16250	15880	15630	18000	16000	14500	13500	13000	12700	12500
		17	58.8	25.9	174.1	A2	145	49604	44092	39970	37214	35825	35009	34458	39683	35274	31967	29762	28660	27999	27558

SUPER GRIP

IND-3



HEAVY DUTY
FORKLIFT

Robust nylon casing with high number of actual plies provides excellent stability. It is a all purpose tire suitable for earthmoving applications. High ground contact area gives good traction on paved surfaces and continues lug patterns, which help to reduce the chances of lug chunking and tire damage resulting in high life of tire. High turn up around bead, which results in less flexing at the bead area, protect the bead & minimizes the chances of bead failure. Provides large ground contact area, to ensure that the pressure on the ground is less, resulting in more life and uniform wear.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)						
								Speed, km/h (mph)						
		SW	OD											
		mm in	mm in	mm in	mm in		bar psi	Static	Creep	5 3	10 6	15 9	20 12	25 19
18.00-25	13.00/2.5	498	1617	738	4909	32	9	27000	24000	21750	20250	19500	19050	18750
	15.00/2.5	19.6	63.7	29.1	193.3		131	59530	52910	47950	44640	42990	42000	41340

445

IND-4



CONTAINER
HANDLER



HEAVY DUTY
FORKLIFT

Alliance 445 is specially designed for heavy-duty forklifts and empty container handlers. Constructed with special compounds, 445 is well-equipped to toil on the most abrasive surfaces with minimum heat generation. The high lug-to-void ratio provides maximum ground contact, assuring excellent durability. The tire promises agility with outstanding durability making it the perfect choice for demanding port applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)													
								Speed, km/h (mph)													
								Load Wheel						Steer Wheel							
		mm in	mm in	mm in	mm in		psi	Static	Creep	5 3	10 6	15 9	20 12	25 16	Static	Creep	5 3	10 6	15 9	20 12	25 16
14.00-24NHS	10	376	1407	620	4245	28	10	18540	16480	14940	13910	13390	13080	12880	14830	13180	11950	11130	10710	10460	10300
	10.00W	14.8	55.4	24.4	167.1		145	40874	36332	32937	30666	29520	28836	28396	32695	29057	26345	24537	23611	23060	22708

MOBILE CRANE

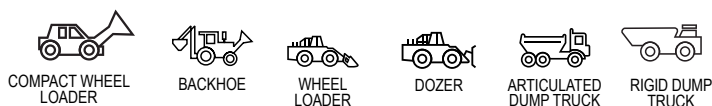


Alliance 630 has been designed to meet the requirement of comfort in high-speed crane applications, as well as, to enable efficient operations in off the road applications. A specific non-directional tread pattern enables precise steering response, reduces noise and enables high driving comfort. Strong all-steel casing combined with low heat-build-up tread rubber compound enable long and efficient tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	20 12	30 19	40 25	50 31
16.00R25 (445/95R25)	11.25/2.0	435	1486	691	4578	174F	9	16750	14070	12060	10050	8380	7710	7500	7200	-	7040	6700	6400
		17.1	58.5	27.2	180.2		131	36930	31020	26590	22160	18480	17000	16540	15870	-	15520	14770	14110
16.00R25 (445/95R25)	11.25/2.0	435	1486	692	4470	177E	9	-	16790	13510	10220	9490	9050	8610	7740	7740	7300	-	-
		17.1	58.5	27.2	176		131	-	37020	29780	22530	20920	19950	18980	17060	17064	16090	-	-

TRUCK TRAILER



Alliance 606 tire for Loaders and Dozers is a low section tire for light earthmoving equipment. The tire is an all steel radial tire with steel belted construction. The unique non-directional tread design suits on/off road services. High mileage, easy self cleaning, best traction, fuel saving and ride comfort are some of its advantages.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar	Recommend load, kg (lbs)
								Speed, km/h (mph)
								Single
		mm in	mm in					mm in
405/70R24 MPT	13.0x24	418	1182	541	3612	152J	5	3550
	13.0-24SDC	16.5	46.5	21.3	142.2		73	7830

REACH STACKER

415

IND-4



Alliance 415 is designed with a IND-4 NSD and reduced weight to ensure less heat build up in the tire allowing it to work in conditions where heat build up is experienced due to atmospheric or surface conditions. Specially constructed casing resist separation between plies as well as between the tread and the casing enable it to work under high stress conditions. Reinforced bead bundle minimizes chances of bead failure.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)														
								Speed, km/h (mph)														
		SW	OD					Load wheel								Steer wheel						
				mm in	mm in		mm in	mm in	bar psi	Static	Creep	5 3	10 6	15 9	20 12	25 16	Static	Creep	5 3	10 6	15 9	20 12
12.00-24 NHS	8.5	315	1275	586	3883	20	10	12420	11040	10010	9320	8970	8760	8630	9940	8830	8010	7460	7180	7010	6900	
		12.4	50.2	23.1	152.9	A2	145	27380	24340	22070	20550	19780	19310	19030	21910	19470	17660	16450	15830	15450	15210	
16.00-25	11.25	450	1525	680	4645	32	10	22500	20000	18130	16880	16250	15880	15630	18000	16000	14500	13500	13000	12700	12500	
		17.7	60	26.8	182.9	A2	145	49600	44090	39970	37210	35830	35010	34460	39680	35270	31970	29760	28660	28000	27560	
18.00-25	13	500	1670	762	4945	40	10	30600	27200	24650	22950	22100	21590	21250	24480	21760	19720	18360	17680	17270	17000	
		19.7	65.7	30	194.7		145	67461	59966	54344	50596	48722	47598	46848	53969	47973	43475	40477	38978	38074	37479	
18.00-33	13.00 2.5	500	1870	860	5535	40	10	37080	32960	29870	27810	26780	26160	25750	29660	26370	23900	22250	21420	20930	20600	
		19.7	73.6	33.9	217.9	A2	145	81750	72660	65850	61310	59040	57670	56770	65390	58140	52690	49050	47220	46140	45420	

400S

IND-4S



Alliance 400S is specially designed to provide durability to reach stackers that operate for long hours on hard and abrasive surfaces. Its smooth construction results in maximum rubber volume thus ensuring longer tire life. The tire is able to perform under high stress conditions owing to its specially constructed casing. The presence of heat and abrasion resistant compounds ensure smooth working on harsh and abrasive surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)														
								Speed, km/h (mph)														
		SW	OD					Static	Creep	5 3	10 6	15 9	20 12	25 16	Load wheel					Steer wheel		
				mm in	mm in		mm in								mm in	bar psi	Static	Creep	5 3	10 6	15 9	20 12
18.00-25	13	505	1653	735	4547	40	10	30600	27200	24650	22950	22100	21590	21250	24480	21760	19720	18360	17680	17270	17000	
		19.9	65.1	28.9	179	A2	145	67460	59970	54340	50600	48720	47600	46850	53970	47970	43480	40480	38980	38070	37480	

PORT STAR PLUS 315

IND-4



The Alliance 315 Port Star Plus is designed for port applications and is engineered with extra deep tread which is the highest in the segment. The robust nylon casing and high number of plies ensure high lateral stability and high load carrying capacity. The high ground contact area ensures that the pressure on ground is much lesser than maximum permissible pressure thus resulting in long tire life and uniform wear. A strong bead bundle of the tire results in minimizing bead failure. The specially formulated tread compound and higher insulation between the plies aid in lesser heat generation thus extending the life of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)													
								Speed, km/h (mph)													
		SW	OD					Load wheel							Steer wheel						
		mm in	mm in	mm in	mm in		bar psi	Static	Creep	5 3	10 6	15 9	20 12	25 16	Static	Creep	5 3	10 6	15 9	20 12	25 16
18.00-25	13.00/2.5	498	1673	748	5136	40	10	30600	27200	24650	22950	22100	21590	21250	24480	21760	19720	18360	17680	17270	17000
	13.00	19.6	65.9	29.4	202.2		145	67460	59970	54340	50600	48720	47600	46850	53970	47970	43480	40480	38980	38070	37480

RTG

SUPER GRIP

IND-3



Robust nylon casing with high number of actual plies provides excellent stability. It is a all purpose tire suitable for earthmoving applications. High ground contact area gives good traction on paved surfaces and continues lug patterns, which help to reduce the chances of lug chunking and tire damage resulting in high life of tire. High turn up around bead, which results in less flexing at the bead area, protect the bead & minimizes the chances of bead failure. Provides large ground contact area, to ensure that the pressure on the ground is less, resulting in more life and uniform wear.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in				bar psi	Static	5 3	10 6	20 12	25 16
18.00-25	13.00/2.5-25	498	1617	738	4909	32	9	22500	19500	19500	19500	19500
	15.00/2.5-25	19.6	63.7	29.1	193.3		131	59530	47950	44640	42000	41340
18.00-25	13.00/2.5-25	498	1617	746	4829	40	10	26250	22750	22750	22750	22750
		19.6	63.7	29.4	190.1		145	57870	50160	50160	50160	50160

SUPER TRAC 311

L-3/E-3



Alliance Super Trac 311 is versatile premium design for all-purpose Industrial & Port applications. Tread design provides High ground contact for good traction on paved surfaces and mitigate the chances of lug chunking and tire damage. Robust nylon casing & reinforced high strength bead provides excellent stability. It has a special tread compound for extra long life even on abrasive surfaces. Its extra thick side wall limits flexing during operation, thus lesser heat is generation. This reduces the probability of sidewall damage and results in longer service life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommended load, kg (lbs)						
								Speed, km/h (mph)						
		Rubber Tired Gantry												
		SW	OD											
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Static	Creep	5 3	10 6	15 9	20 12	25 16	
21.00-25	15	580	1750	765	5128	40	10	37080	32960	29870	27810	26780	26160	25750
		22.8	68.9	30.1	201.9	A2	145	81750	72660	65850	61310	59040	57670	56770

UNDERGROUND MINING



314

L-5S

SC

WRC

SPECIAL
COMPOUND

WEAR
RESISTANT
COMPOUND

LOAD HAUL
DUMPER

WHEEL
LOADER

The Alliance 314 Mine Service tire is designed for the most demanding underground mining applications. It has extra, ultra deep treads to ensure long wear in highly abrasive surfaces. The robust nylon carcass with higher number of actual plies enhances tire strength, penetration protection and load carrying capacity. Its specially formulated tread compound gives superior protection and exceptional tread life. The extra wide reinforced bead with superior compound reduces bead failure during high load operations. The tire's wide and flat tread profile results in large ground contact area that provides high traction and enhanced load carrying capacity.



Size	Rim	Unloaded Dimension		Static Loaded Radius	Rolling Circum	PR	Infl. Pressure	Recommend load, kg (lbs)					
		Speed km/h (mph)											
		Underground mining											
		SW	OD										
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Static	Creep	5 3	10 6	15 9	25 16	
12.00-24	8.5	310	1270	596	3902	20	8.25	11040	8970	7935	6900	6000	5520
		12.2	50	23.5	153.6	175A2	120	17490	15210	13230	19780	24340	12170
12.00-24	8.5	310	1270	596	3906	24	10	12400	10080	8910	7750	-	-
		12.2	50	23.5	153.8		145	19640	17090	22220	27340	-	-



TECHNICAL INFORMATION

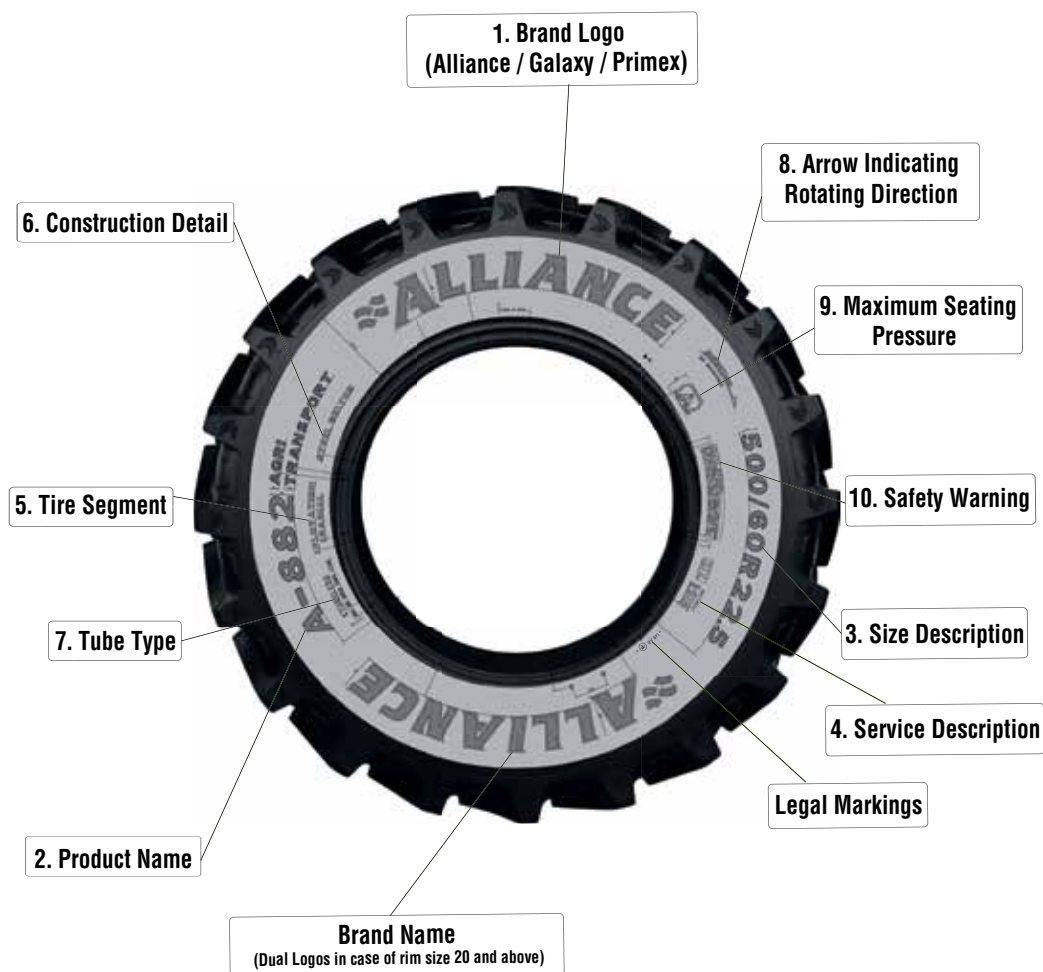
Tire Markings

A series of numbers and codes are internationally used for the identification of tire structures, dimensions and main applications. This group of codes and numbers is collectively known as the "markings" and permits precise identification of the tire.

Here are some examples:

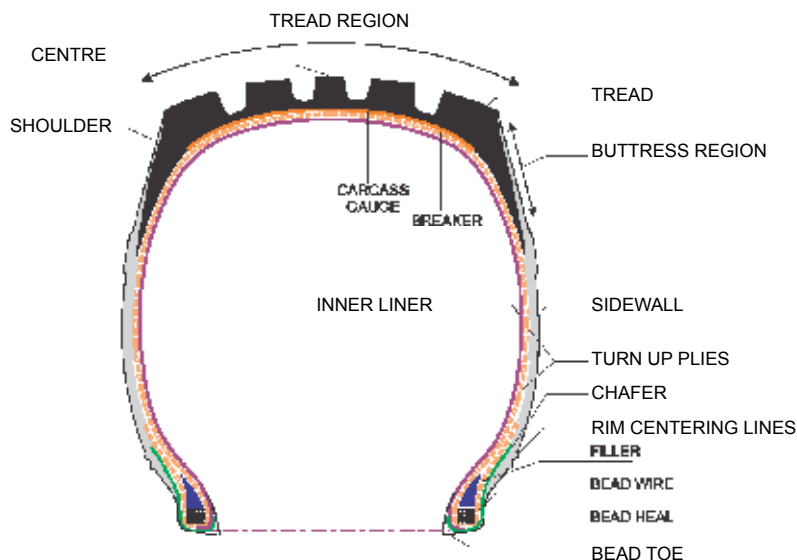
1	ALLIANCE	Brand name and / or manufacturer's name
2	580 or 372 IF	Product name (tread pattern identification)
3 a	SIZE DESCRIPTION 600/65R38 600/60-30.5 520/70B30	Metric tire size designation 600 = section width (mm) 65 = aspect ratio between section height and section width (%) R = radial construction 38 = rim diameter (inch) - = cross ply construction B = bias belted construction
b	650/60-26.5 LS2	Metric tire size designation for forestry tires LS = log service 2 = tread depth code
c	7.50-16	Coded tire size designation 7.50 = section width (inch) - = cross ply construction 16 = rim diameter (inch)
d	20.5x10.0-10	American tire size designation 20.5 = overall diameter (inch) x = versus 10.0 = section width (inch) - = cross-ply construction 10 = rim diameter (inch)
4 a	157 A8 154 B	Service description 157 = load index for the tires nominal load capacity A8 = speed symbol for the tires nominal speed 154 = additional load index at max speed B = additional speed symbol for max speed
b	8 PR	Tire carcass strength identification 8 = strength index PR = ply rating (but does not necessarily represent the number of cord plies in the tire)
4 c	166 A8 154 A8	Service description (implement) Load index and speed symbols as 4.a free rolling tire driving tire
d	161A8 HT 161 A2 LT 168 A2	Service description (forestry) Load index and speed symbols as 4.a 161 A8 = service on road HT 161 A2 = High Torque service (skidders) LT 168 A2 = Low Torque service (forwarders, harvesters)
e	99J	Service description (high speed trailer) Load index and speed symbols as 4.a

5	IMP or other	Service type identification IMP = Implement Other service identifications are: FORESTRY = tires for forestry machines AGROFOREST = tires for mixed agri and forestry service AMPT = Agricultural Multi Purpose Tire : tires for a high rate of road service up to 65 Km/h LOADER = tires for wheel loaders and back hoe loaders GARDEN TRACTOR = tires for gentle service on green surfaces INDUSTRIAL = tires for industrial service FRT = Free Rolling Tire: commercial vehicle tire used as high speed implement trailer tire
6	STEEL BELT	The tire has a belt of steel cord (forestry tires)
7	TUBELESS	Tire to be used without a tube (some tubeless tires are marked that they are allowed to be used with a tube)
8		Arrow indicating rotating direction of a traction tire in driving service
9		Pictogram showing the max seating pressure (varies for different type of tires)
10	SAFETY WARNING	Warning text which states the items to be paid attention to when fitting the tire
11	E 16	ECE type approval mark and number (often called "e-marking")
106R-00 0001		



Basic Tire and Rim Terms

CONSTRUCTION AND COMPONENT PARTS



TIRE DEFINITIONS

Overall Diameter (OD)

Inflated diameter of the Tire under reference tire pressure.

This parameter is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any load.

Overall Width (OW)

Inflated width of the Tire under reference Tire pressure on the sidewalls.

Section Width (SW)

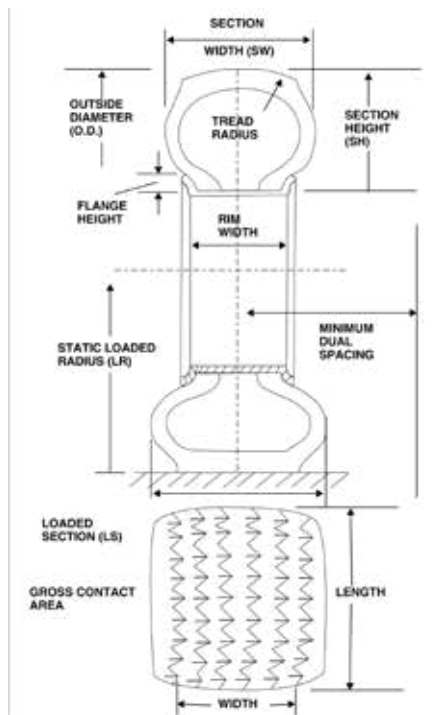
Inflated width of the Tire under reference Tire pressure excluding any bars, letters or design embossed on the sidewalls. The section width is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any load.

Static Loaded Radius

It is the minimum radius acquired by the Tire under reference load and pressure at static condition.

Tread Width

The distance between the extreme edges of the tread, as measured at the surface of the tread.



Nominal Rim Diameter

Outer diameter of bead seat area of rim flange.

Section Height = Overall Tire Diameter – Nominal Rim Diameter

Rim Width

The distance between flanges of the rim.

Load Index

The load index is a numeric code that defines the tire's maximum loading capacity in kg. For each tire type/size, the loading capacity is always related to a specific inflation pressure as defined by ETRTO standards and manufacturer specifications. A uniform method to report the load-carrying capacity of a tire.

When comparing tires, the higher the load index number, the higher the load capacity.

Speed Code

The speed code is a symbol that indicates the maximum speed admitted at the given load index, following any other specific conditions defined by the tire manufacturer.

Corresponding Tire Sizes

ETRTO - SRI	Standard series	Standard series /80-/85	Wide series /70-/75	Extra large series /60-/65-/85	Narrow series /90-/95	TWIN TRACTOR		
						/45-/50	/55	/60-/55
360	6.50-16		260/70R16					
360	9.0/75-16		260/70R16					
390	7.50-16	250/80-16	280/70R16					
410	7.50-18	250/80-18	280/70R18					
425	7.50R20						400/55-17.5	
450	9.5R20	260/80R20	300/70R20					
475	11.2R20	280/85R20	320/70R20					
500	12.4R20	320/85R20	360/60-24					360/70R20
525	11.2R24	280/85R24	320/70R24					
550	12.4R24	320/85R24	360/70R24	420/65R24		600/50-22.5		400/60-26.5
575	13.6R24	340/85R24	380/70R24	440/65R24				
600	14.9R24	380/85R24	420/70R24	480/65R24	230/95R32			500/60-26.5
625	16.9R24	420/85R24	480/70R24	540/65R24	270/95R32	710/45-26.5	600/55-26.5	
650	16.9R26		480/70R26					
575	11.2R28	280/85R28	320/70R28					
600	12.4R28	320/85R28	360/70R28		230/95R32			500/60-26.5
625	13.6R28	340/85R28	380/70R28	440/65R28	270/95R32			600/55-26.5
650	14.9R28	380/85R28	420/70R28	480/65R28	230/95R36			
675	16.9R28	420/85R28	480/70R28	540/65R28			600/55-30.5	
675	14.9R30	380/85R30	420/70R30				600/55-30.5	
700	16.9R30	420/85R30	480/70R30	540/65R30 600/65R28		750/45-30.5		600/60-30.5
725	18.4R30	460/85R30	520/70R30 600/70R28		210/95R44	750/50-30.5		
725	14.9R34	380/85R34						
750	16.9R34	420/85R34	480/70R34 600/70R30	540/65R34 710/60R30	230/95R44			
775	18.4R34	460/85R34	520/70R34	600/65R34 650/60R34		800/50-34	800/55-30.5 710/55-34	
825	20.8-34			710/60R34				
725	13.6R36	340/85R36			210/95R44			
725	12.4R38	320/85R38						
750	13.6R38	340/85R38						
775	14.9R38	380/85R38			270/95R44			
800	16.9R38	420/85R38	480/70R38 600/70R34	540/65R38	230/95R48			600/60-38
825	18.4R38	460/85R38	520/70R38	600/65R38 710/60R34	270/95R48 300/95R46			650/60-38
875	20.8R38	520/85R38	580/70R38	650/65R38 600/65R42		850/50-38		710/65-38 900/60-32
875	18.4R42	480/80R42		600/65R42				
925	20.8R42	520/85R42	580/70R42 620/70R42 650/75R38 710/70R38	650/65R42			850/55-42	750/65-38 850/60-38
925	18.4R46	480/80R46						
975	20.8R46	520/85R46 480/80R50	710/70R42 800/70R38	900/60R38 650/85R38	380/90R50			
1025			710/75R42	900/60R42	380/90R54			

Modifying the original fitment of the machine may require a new set of rims. Verify that the alternative tire size is fitted on an approved rim contour.

Load Table Technical Information

Conversion of load indices (LI) into load capacities per tire (Kg)

LI	KG	LI	KG	LI	KG	LI	KG
50	190	85	515	120	1400	155	3875
51	195	86	530	121	1450	156	4000
52	200	87	545	122	1500	157	4125
53	206	88	560	123	1550	158	4250
54	212	89	580	124	1600	159	4375
55	218	90	600	125	1650	160	4500
56	224	91	615	126	1700	161	4625
57	230	92	630	127	1750	162	4750
58	236	93	650	128	1800	163	4875
59	243	94	670	129	1850	164	5000
60	250	95	690	130	1900	165	5150
61	257	96	710	131	1950	166	5300
62	265	97	730	132	2000	167	5450
63	272	98	750	133	2060	168	5600
64	280	99	775	134	2120	169	5800
65	290	100	800	135	2180	170	6000
66	300	101	825	136	2240	171	6150
67	307	102	850	137	2300	172	6300
68	315	103	875	138	2360	173	6500
69	325	104	900	139	2430	174	6700
70	335	105	925	140	2500	175	6900
71	345	106	950	141	2575	176	7100
72	355	107	975	142	2650	177	7300
73	365	108	1000	143	2725	178	7500
74	375	109	1030	144	2800	179	7750
75	387	110	1060	145	2900	180	8000
76	400	111	1090	146	3000	181	8250
77	412	112	1120	147	3075	182	8500
78	425	113	1150	148	3150	183	8750
79	437	114	1180	149	3250	184	9000
80	450	115	1215	150	3350	185	9250
81	462	116	1250	151	3450	186	9500
82	475	117	1285	152	3550	187	9750
83	487	118	1320	153	3650	188	10000
84	500	119	1360	154	3750	189	10300

CONVERSION FACTORS

1 millimeter (mm)	= 0.03937 inches	1 inch (")	= 25.4 millimeters
1 meter (m)	= 1.09361 yards	1 yard	= 0.9144 meters
1 kilometer (Km)	= 0.62137 miles	1 mile (mi)	= 1.609344 kilometers
1 liter (l)	= 0.21997 gallons (UK)	1 gallon (UK)	= 4.5461 litres
1 liter (l)	= 0.26417 gallons (USA)	1 gallon (USA)	= 3.7854 litres
1 gram (g)	= 0.035274 ounces	1 ounce (oz)	= 28.34952 grams
1 kilogram (Kg)	= 2.205 pounds	1 pound (lb)	= 0.45359 kilograms
1 kilometer per hour (Km/h)	= 0.62137 miles per hour	1 mile per hour (mph)	= 1.609344 kilometers per hour
1 kilopascal (kPa)	= 0.145 pounds per square inch	1 pound per square inch (psi)	= 6.895 kilopascal
1 bar	= 100 kilopascal	1 pound per square inch (psi)	= 0.06895 bar
1 kilowatt (kW)	= 1.34 horsepower	1 horsepower (HP)	= 0.746 kilowatts
1 Newton meter (N.m)	= 0.113 inch pound	1 inch pound (in-lb)	= 8.85 inch-pound

TEMPERATURES

(Fahrenheit - 32) x 0.55 = Celsius	32	40	50	60	70	75	85	95	105	140	175	212	°F
(Celsius x 1.8) + 32 = Fahrenheit	0	5	10	15	2	25	30	35	40	60	80	100	°C

SPEED

Speed code	A1	A2	A3	A4	A6	A8	B	C	D	E	F
Km/h	5	10	15	20	30	40	50	60	65	70	80
mph	3	6	9	12	19	25	31	37	40	43	50

Km/h to mph x 1.61 mph to Km/h x 0.62

PRESSURE

kPa (kilopascal)	60	100	120	140	160	180	200	240	280	320	360	400	500
bar = Kg/cm2	0,6	1,0	1,2	1,4	1,6	1,8	2,0	2,4	2,8	3,2	3,6	4,0	5,0
psi = (pound/square inches)	8	15	17	29	23	26	28	34	40	45	51	57	71

psi to bar x 0.07 bar to psi x 14.23 kPa to bar x 100 bar to kPa x 0.01 kPa to psi x 7 psi to kPa x 0.142

LI	KG	LB
140	2500	5513
141	2575	5678
142	2650	5843
143	2725	6009
144	2800	6174
145	2900	6395
146	3000	6615
147	3075	6780
148	3150	6946
149	3250	7166
150	3350	7387

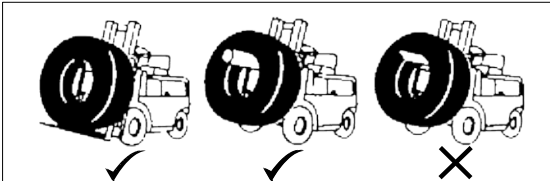
Handling of Tires

HANDLING OF TIRES

Extreme care is needed in the handling of tires. Improper handling of tires can lead to damage, especially to the beads. Therefore, it is necessary to prevent excess pressure from being exerted on the beads.

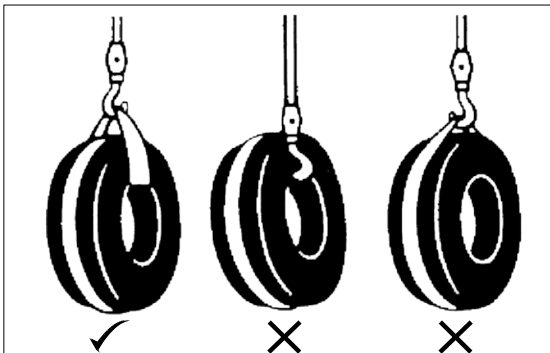
When using a forklift to lift a tire:

- Lay the tire vertically across the fork, or
- Use a round fork at least six-inches in diameter.
- Do not insert a flat type fork within the tire.



When lifting tires by crane:

- Use a wide nylon or rubber sling.
- Do not use a rope sling.
- Do not hook the tire beads.



SAFETY PRECAUTIONS

WARNING

Servicing of the Tire and rim should be done by trained personnel using proper tools and procedures. Failure to comply with these procedures may result in faulty positioning of the tire and/or rim, and cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death.

DEMOUNTING

Before Demounting

- Always empty all air from a single tire and from both tires of a dual assembly prior to removing any wheel components such as nuts and rim clamps. (A broken rim part under pressure can blow apart and cause serious injury or death.)
- Make sure to remove the valve core to exhaust all air from the tire. Remove both cores to exhaust all air from a dual assembly. (The wheel assembly may fly apart if the tire is still under pressure when the wheel lugs are removed)
- Check the valve stem by running a piece of wire through it to make sure it is not clogged. (Foreign material may clog the valve stem during deflation)

DURING DEMOUNTING

- Demounting tools apply pressure to rim flanges to unseat tire beads. Keep your finger clear. Always stand to one side and hold the tool with one hand when you apply hydraulic pressure. (If the tool slips off it can fly with enough force to cause serious injury or death.)

- Do not use the tool in the vicinity of the flange butt weld.

AFTER DEMOUNTING

- Clean rims and repaint chipped areas to prevent the detrimental effects of corrosion and facilitate checking and tire mounting. Be extremely careful to clean all dirt and rust from the lock ring and gutter. This is important to secure the lock ring in its proper position. A filter on the air line helps prevent corrosion. The filter should be checked periodically to see that it is working properly. (Parts must be clean for a proper fit. Particularly, the gutter section which holds the lock ring in proper position)

Safety Precautions for Mounting

MOUNTING

Before Mounting

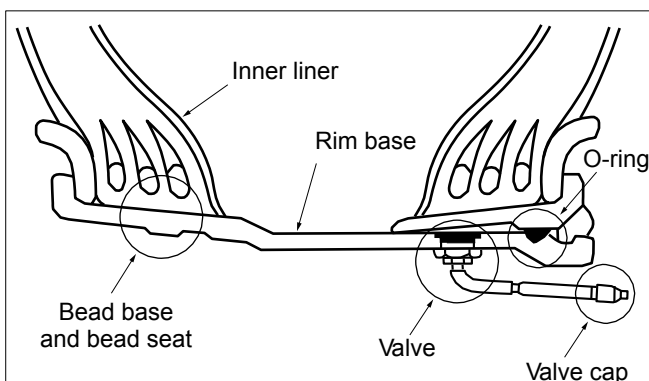
- Check rim components for cracks. Replace all cracked, badly worn, damaged and severely rusted components with new parts of the same size and type. When the condition of a component is in doubt, replace it. (Parts that are cracked, damaged or excessively corroded are weakened. Bent or repaired parts may not engage properly.)
- Do not, under any circumstances, attempt to rework, weld, heat, or braze any rim components that are cracked, broken, or damaged. Replace them with new parts or parts that are not cracked, broken, or damaged and which are of the same size and type. (Heating may weaken a part to the extent it is unable to withstand forces of inflation or operation.)
- Make sure correct parts are being assembled.
- Check with your distributor or the manufacturer if you have any doubts. (Mismatched parts may appear to fit, but when the tire is inflated, it may fly apart with explosive force)
- Mixing parts of one type rim with those of another is potentially dangerous. Always check rim manufacturer for approval.
- Removing rust, dirt and other foreign matter from the rim surface, particularly on the bead seats and O-ring slot.
- Clean the interiors of the tire.
- For tube type tires, make sure tube and flap are correct and not damaged.
- Always prepare a new O-ring for tubeless type tires.
- Do not reinflate a tire that has been run-flat or has been run at 80% or less of its recommended operating pressure, or when there is obvious or suspected damage to the tire or wheel components. (Components may have been damaged or dislocated during the time the tire was run-flat or seriously underinflated)

During Mounting and Inflation

- Do not try to seat rings or other components by hammering while a tire is inflated or partially inflated.
- Double check to ensure all components are properly seated prior to inflation.
- Do not inflate a tire before all components are properly in place. Place the tire in a safety cage, or other restraining device and inflate to approximately 5 psi, recheck components for proper assembly. Observe that the O-ring does not roll out of its groove. If the assembly is not proper, deflate and correct. Never hammer on an inflated or partially inflated tire/rim assembly. If assembly is proper at approximately 5 psi, continue to inflate to fully seat the tire beads.
- Never sit on or stand in front of a tire/rim assembly that is being inflated. Always use a clip-on chuck with a sufficient length of hose to permit the person inflating the tire to stand clear of the potential trajectory of the wheel components. Use an inline valve with a gauge or a pressure regulator preset to a desired value when inflating a tire. When a tire is in a restraining device, do not lean any part of your body or equipment on or against the restraining device. (If parts are improperly installed they may fly apart with explosive force)
- Never attempt to weld or heat on or near a tire/rim assembly. (Heat from welding will cause a sudden drastic increase in air pressure, resulting in an explosion with the force of a bomb. Deflated tires can catch fire inside the air chamber.)

After Inflation

- Make sure there is no air leakage, especially in tubeless tires. Checking points for air leakage are pictured below.



Safety Precautions for Operation

OPERATION

- Do not use under inflated tires.
- Do not bleed or remove air to compensate for the increase in pressure resulting from operation.
- Do not use undersized rims. Use recommended rims. Consult catalogs for proper tire/rim matching.
- Do not overload or over inflate the tire/rim assembly. Check for adequate rim strength if special operating conditions are required. (Excessive overload can cause tire/rim assembly damage.)
- Never run a vehicle on one tire of a dual assembly. (The carrying capacity of the single tire and rim is dangerously exceeded an operating a vehicle in this condition can result in damage to the rim and tire or cause a tire fine.)
- Never use a tube in a tubeless tire/rim assembly if the rim is suspected of leaking. (Loss of air pressure through fatigue cracks or other fractures in a tubeless rim warns of a potential rim failure. This safety feature is lost when tubes are used with leaking rims. Continued use may cause the rim to burst with explosive force.)
- Always inspect rims and wheels for damage during tires checks. (Early detection of potential rim failure may prevent serious injury.)
- Never add or remove an attachment or other-wise modify a rim (especially by heating, welding, or brazing) unless the tire has been removed and rim maker approval has been received. (Modification or heating of a rim or one of its parts may weaken it so that it cannot withstand forces created by inflation or operation.

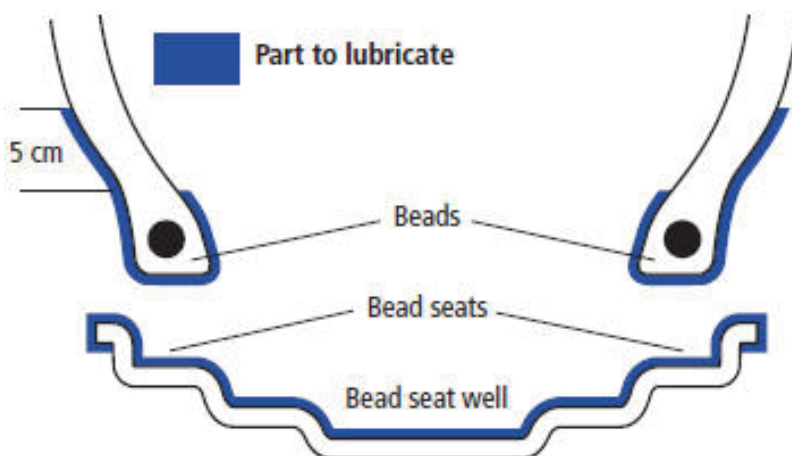
Tools for Mounting and Demounting Tires

The following are all portable tools, and can be used both horizontally and vertically.

- Hydraulic tire remover (tire push type) and bead wedges. Commonly used for 25-inch rims.
- A man-powered hydraulic pump attached to a tire push type hydraulic tire remover.
- Hydraulic tire remover in operation.
- Hydraulic tire remover (rim flange push type). Commonly used for 33-inch or larger rims.
- Manual hydraulic pump attached to rim flange push type hydraulic tire remover.
- Another kind of hydraulic tire remover for 33-inch or larger rims (rim flange push type).
- Tire, mounting and demounting machine (unit-rig type) mainly used for 49-inch or larger rims. It is stationary and for horizontal use only. Hydraulic ram is driven by an electric pump

Lubrication of Tire Rim and Bead

- Use a soft-bristled brush to spread the lubricant over the surface.
- Use specific lubricants for tire mounting only.
- Do not use silicone or other solvent-based substances.



Place the tire bead on the rim channel.

- Make sure that at least part of the tire bead stays within the rim profile.
- Start rotating the tire and position the tire bead gradually on the rim
Complete the rotation until the entire bead is positioned on the rim.
- Make sure that the entire bead is correctly fitted within the rim.

Safety & PPE's

- A pair of protective goggles
- Safety shoes
- Retention system to hold the tire assembly in place (safety cage)
- Safety ear muffs

Tire Care Tips

- Always select right tire and rims
- Check inflation pressure at least once a week
- Never check the inflation after long runs. Allow tire to cool for 30 mins.
- Use mounting machine to mount the tires. Avoid hard objects.
- Cover the valve with valve caps always
- 30 minutes mid day stoppage is recommended after sustained haulage work.
- Avoid chuck holes and long spins
- Avoid high speed cornering
- Avoid locking one wheel for sharp turns
- Avoid sudden breaks and starts.

Tire Storage

Tires should be stored in a cool and dry place, away from direct sunlight, electric motors, oils, fuels, resins and other volatile substances in order to avoid any alteration of the chemical-physical features.

Should this not be possible, at least protect your tires with a waterproof tarpaulin to avoid contact with ultra-violet rays and bad weather.

Tires are to be placed vertically side by side. Do not stack one tire over the other horizontally.



Correct



Incorrect

INFLATION PRESSURE AND ITS IMPORTANCE

The most important aspect of tire maintenance is the correct inflation pressure which should be adjusted based on the load. This directly impacts the key metrics such as traction, flotation, tire wear and fuel efficiency

Soil Compaction

The root development of the crops planted is adversely affected if soil is compacted. It also limits development of microbial life and increases water stagnation. This leads to lost of yield and excess operating cost to break the compaction layer.

Fuel Efficiency

The right pressure means optimum soil contact which causes spin and penetration to be reduced. Decreasing excess fuel consumption, time wasted and wear on machine and tires.

Service life of tires

Over inflation causes excessive spin in the fields, not to mention increased soil compaction. On hard, stony soil, it causes premature wear.

On the road, over inflation causes fast, irregular wear on the lugs – the footprint is too small.

Under inflation causes irreversible damage to tire casings: risk of failure. It also leads to excessive wear on roads: too much rolling resistance. Statistics say that a tire operated at 10% below required pressure will suffer a 15% reduction in its life expectancy.

Personal comfort

Over inflation causes bouncing and vibration.

Under inflation causes power handling. Manoeuvring at low speeds or on the spot is more difficult.

ICONS MASTER

APPLICATIONS

									
2WD Tractor	4WD Tractor	Agricultural Loader	Alpine Tractor	Articulated Dump Truck	Backhoe	Baler	Combine Harvester		
									
Container Handler	Cultivators	Dozer	Excavator	Fertilizer Truck	Forestry Forwarder	Forestry Harvester	Forestry Trailer		
									
Load Haul Dumper	Wheel Loader	MFWA	High Speed Mobile Crane	Mower	Plough	Reach Stacker	Rigid Dump Truck		
									
Skidsteer	Sprayer	Tanker	Telehandler	Terminal Tractor	Trailer	Trencher	Utility Tractor		
									
Dump Truck	Spreader	Water Sprinkler	Power Train	Agricultural Implements	Forestry Mulcher	Feller Buncher	Forestry Tractor		
									
Wagon	Heavy duty Forklift	Tipper	Scraper	Seeder	Sugarcane Harvester	Seismic Vehicle	Bomb Carts	Utility Tractor MFWA	
									
Golf Cart	Caravan	Ditching Machine	Boom Lift	Industrial Tractor	Water Tanker	Compactor	Grader	Skidder	Truck
									
Compact Loader	Forklift	Rubber Tire Gantry	Utility Tractor 4WD	Wheeled Tree Trimmer	Paver	Scissor Lift	Highway Trailer		

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SPECIAL COMPOUND



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BY YOUR SIDE***



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