

TECHNICAL CATALOG





ABOUT US

YOKOHAMA OFF-HIGHWAY TIRES

Yokohama Off-Highway Tires (YOHT) is the division of The Yokohama Rubber Co. Ltd, Japan (YRC). This division is a collection of completely owned subsidiary companies of YRC that collectively manage the “Off-Highway Tires” business. YOHT has the end-to-end responsibility of designing, developing, manufacturing, marketing and selling these specialized tires.

ALLIANCE

Alliance is one of the flagship brands of Yokohama Off-Highway Tires and is a global name to reckon with. Alliance has always been at the forefront in offering products that help customers achieve high productivity at every stage of their operations. Alliance offers a wide range of tailor-made products that are carefully engineered keeping the latest technology in mind for segments such as agriculture, forestry, construction & industrial, mining, ports, earthmoving, and lawn & turf. Alliance has been a market leader in the row crop segment and is a pioneer in flotation tires.

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HOW TO READ THIS BOOK

TRA Code

Construction parameters

Application icons

Collection of all the icons used in the book

AGRIFLEX 372

The advanced AGRIFLEX 372 improved Flexion (F) designed with increased overall flexibility enables the line to carry up to 20% more material at the same pressure as compared to a standard tractor model. It offers a significantly larger front loader leading to less fuel consumption and a comfortable ride for the driver. The larger front loader offers high traction, reduces fuel costs and increases overall operational productivity. The F-109 provides excellent grip as well as long life on hard surfaces.

Size	Rev	Installed engine		Lifting Capacity	Rolling Speed	Tread pattern	Max speed		Max torque		Max power		Max fuel consumption		Max capacity		Max weight	
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
F 10900																		
F 109000																		
F 1090000																		
F 10900000																		
F 109000000																		
F 1090000000																		
F 10900000000																		
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ICONS MASTER

APPLICATIONS

 2WD Tractor	 4WD Tractor	 Agricultural Loader	 Home Tractor	 Articulated (Farm) Tractor	 Backhoe	 Baler	 Combine Harvester
 Compact Harvester	 Cultivator	 Digger	 Excavator	 Front-End Loader	 Heavy-Duty Forklift	 Forklift (General)	 Forklift (Special)
 Load-Haul Dumpster	 Wheel Loader	 MTW	 High-Speed Motor Grader	 Mower	 Plough	 Reactor Grader	 Rear Dump Truck
 Skidder	 Tractor	 Tractor	 Tractor	 General Tractor	 Tractor	 Tractor	 Utility Tractor
 Dump Truck	 Spreader	 Water Sprayer	 Power Tractor	 Agricultural Implement	 Forestry Machine	 Tiller Machine	 Forestry Tractor
 Reaper	 Heavy-Duty Forklift	 Tractor	 Scraper	 Seeder	 Supermarket Harvester	 Semi-Tractor	 Barn Car
 Self-Drive	 Generator	 Shredding Machine	 Roll-Off	 Industrial Tractor	 Water Tanker	 Compactor	 Grader
 Gravel Loader	 Tractor	 Rubber Tire Forklift	 Utility Tractor (ATV)	 Wheelbarrow	 Paver	 Screen Lift	 Highway Tractor

DIFFERENTIATORS

AS ALL STEEL	SC SPECIAL COMPOUND	SB STEEL BELTED	HRC HEAVY REINFORCED COMPOUND	WRC WEAR RESISTANT COMPOUND	C+C CUT/CHIPPED REINFORCED COMPOUND	SG STIMULUS GUMPH
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Basic tire related technical information

Basic Tire and Rim Terms

CONSTRUCTION AND COMPONENT PARTS

A detailed cross-sectional diagram of a tire. Labels include: CROWN (top center), SHOULDER (top left), TREAD REGION (top right), BEAD (bottom center), BEAD AREA (bottom left), BEAD RIB (bottom right), TREAD (inner bottom), TREAD PLIES (outer bottom), CARCASS (middle bottom), RADIAL CUTTING LINES (inner bottom), RADIAL PLY (outer bottom), RADIAL PLY (inner bottom), and RADIAL PLY (outer bottom).

TIRE DEFINITIONS

Overall Diameter (DD)

Is the overall diameter of the tire under reference tire pressure.

This parameter is measured after the tire is properly mounted on the reference rim and is stated as the pressure recommended by the manufacturer for at least 24 hours without any load.

Overall Width (DW)

Is the overall width of the tire under reference tire pressure on the sidewall.

Section Width (SW)

Is the width of the tire under reference tire pressure including any bars, letters or design embossed on the sidewall. The section width is measured after the tire is properly mounted on the reference rim and is stated as the pressure recommended by the manufacturer for at least 24 hours without any load.

Static Loaded Radius

It is the minimum radius assigned 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.

Four diagrams illustrating tire measurements: 1. Overall Diameter (DD): A top-down view of a tire on a rim, showing the measurement from the top of the crown to the bottom of the bead. 2. Overall Width (DW): A side view of a tire on a rim, showing the measurement across the widest part of the tread. 3. Section Width (SW): A side view of a tire on a rim, showing the measurement across the widest part of the tread, including any markings. 4. Static Loaded Radius: A side view of a tire on a rim, showing the measurement from the center of the rim to the bottom of the tread.

Nominal Rim Diameter

Outer diameter of bead seat area of rim, single.

Section Height = Overall Tire Diameter - Nominal Rim Diameter

2

Rim Width

The distance between: angles 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 air 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.

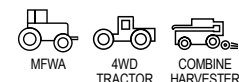
AGRICULTURE



TRACTOR



RADIAL TRACTOR



372 AGRIFLEX+

R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD

The advanced 372 AGRIFLEX+ Very Improved Flexion (VF) designed with increased sidewall flexibility enables the tire to carry up to 40% more 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 enables excellent grip as well as 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)										
		Speed, km/h (mph)																
		Not high and sustained torque; Road transport							Cyclic*		CFO*							
		mm in	mm in					mm in	mm in	bar psi	10 6	15 9	20 12	50 31	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6
VF520/80R26	DW16L	505	1465	627	4335	168A8	2.8	6000	5600	5600	5100	-	-	-	7448	6216		
	DW18L	19.9	57.7	24.7	170.7		41	13230	12350	12350	11240	-	-	-	16420	13700		
VF 750/65R26	DW25B	754	1636	698	4755	177B	2.4	7820	7300	7300		7300	6640	3	10220	-	-	
	DW27B	29.7	64.4	27.5	187.2		35	17240	16090	16090		16090	14640	44	22530	-	-	
VF 420/85R28	W15	448	1437	628	4254	151D	1.6	3700	3450	3450	-	3450	3140	2	5348	-	-	
	W14	17.6	56.6	24.7	167.5		23	8160	7610	7610	-	7610	6920	29	11790	-	-	
VF 600/60R28	DW20B	590	1430	620	4159	146D	1	3210	3000	3000	-	3000	2730	1.3	4650	-	-	
		23.2	56.3	24.4	163.7		15	7070	6610	6610	-	6610	6010	18	10240	-	-	
VF 600/65R28 CFO	DW21B	606	1485	650	4382	163D	2	5220	4875	4875	-	4875	4440	-	-	6480	5410	
	DW20B	23.9	58.5	25.6	172.5		29	11510	10750	10750	-	10750	9790	-	-	14290	11930	
VF 600/70R28 CFO	DW21B	625	1560	681	4602	173D	2.8	6960	6500	6500	-	6500	5920	3.5	10075	-	-	
	DW20B	24.6	61.4	26.8	181.2		41	15330	14320	14320	-	14320	13040	51	22190	-	-	
VF 600/60R30	DW20B	590	1490	651	4335	147D	1	3290	3075	3075	-	3075	2800	1.3	4766	-	-	
		23.2	58.7	25.6	170.7		15	7250	6770	6770	-	6770	6170	18	10500	-	-	
VF 600/70R30 CFO	DW21B	625	1600	715	4724	170D	2.4	6430	6000	6000	-	6000	5460	3	9300	-	-	
	DW20B	24.6	63	28.1	186		35	14160	13220	13220	-	13220	12030	44	20480	-	-	
VF 620/75R30	DW23B	650	1675	720	4866	169D	1.6	6210	5800	5800	-	5800	5280	-	-	7714	6438	
	DW21B	25.6	65.9	28.3	191.6		23	13690	12790	12790	-	12790	11640	-	-	17010	14190	
VF 650/75R30 CFO	DW23B	660	1720	734	4964	172D	1.6	6750	6300	6300	-	6300	5730	-	-	8379	6993	
	DW21B	26	67.7	28.9	195.4		23	14870	13880	13880	-	13880	12620	-	-	18460	15400	
VF 710/55R30	DW25B	710	1545	675.35	4755	165D	1.6	5520	5150	5150		5150	4690	2	7210	-	-	
	DW23B	28	60.8	26.6	187.2		23	12170	11350	11350		11350	10340	29	15900	-	-	
VF 710/60R30 NRO	DW25B	710	1615	696	4744	171D	2	6590	6150	6150		6150	5600	2.5	8610	-	-	
	DW23B	28	63.6	27.4	186.8		29	14530	13560	13560		13560	12350	36	18980	-	-	
VF800/65R32 CFO	DW27B	775	1845	796	5433	184D	2.4	9640	9000	9000		9000	8190	-	-	11970	9990	
		30.5	72.6	31.3	213.9		35	21230	19820	19820		19820	18040	-	-	26370	22000	
VF 600/70R34	DW21B	625	1705	672.85	4982	167D	1.6	5840	5450	5450		5450	4960	2	7630	-	-	
	DW20B	24.6	67.1	26.5	196.1		23	12880	12020	12020		12020	10940	29	16820	-	-	
VF650/65R34 CFO NRO	DW23B	650	1720	753	4960	167D	1.6	5840	5450	5450		5450	4960	2	8448	-	-	
	DW20B	25.6	67.7	29.6	195.3		23	12880	12020	12020		12020	10940	29	18630	-	-	
VF 520/85R38	DW16L	530	1850	808	5485	170D	2	6430	6000	6000		6000	5460	2.5	8400	-	-	
	DW18L	20.9	72.8	31.8	215.9		29	14180	13230	13230		13230	12040	36	18520	-	-	
VF 710/60R38 NRO	DW25B	710	1815	803	5314	160D	1	4820	4500	4500	-	4500	4100	1.3	6975	-	-	
	DW23B	28	71.5	31.6	209.2		15	10620	9910	9910	-	9910	9030	18	15360	-	-	
VF 710/70R38	DW25B	720	1959	843	5717	178D	1.6		7500	7500	8040	7500	6830	-	-	-	-	
	DW24B DW23B	28.3	77.1	33.2	225.1		23		16540	16540	17730	16540	15060	-	-	-	-	
VF 710/85R38-NRO	DW25B	730	2165	931	6330	183D	1.6	9380	8750	8750		8750	7960	2	12250	-	-	
		28.7	85.2	36.7	249.2		23	20680	19290	19290		19290	17550	29	27010	-	-	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD					Not high and sustained torque; Road transport						Cyclic*		CFO*		
		mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	50 31	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	Load 15 9	Load 30 19		
VF 900/60R38 CFO NRO	DW30B	888	2035	876	5964	187A8	2	10450	9750	9750	—	9750	8870	—	—	12968	10823	
	DW28B	35	80.1	34.5	234.8		29	23020	21480	21480	—	21480	19540	—	—	28560	23840	
VF 580/85R42 NRO	DW20B	595	2040	910	6054	183D	2.8	9380	8750	8750	—	8750	7960	3.5	12250	—	—	
		23.4	80.3	35.8	238.3		41	20680	19290	19290	—	19290	17550	51	27010	—	—	
VF 620/70R42	DW12B	620	1935	848	5716	172D	1.6	6750	6300	6300	—	6300	5730	—	—	8380	6990	
	DW20B DW23B	24.4	76.2	33.4	225		23	14880	13890	13890	—	13890	12630	—	—	18480	15410	
VF 520/85R42	DW16L	540	1955	874	5806	177A8	2.8	7820	7300	7300	—	7300	6640	—	—	9709	8103	
	DW18L	21.3	77	34.4	228.6		40	17240	16090	16090	—	16090	14640	—	—	21410	17860	
VF 710/60R42 NRO	DW25B	710	1923	850	5656	161D	1	4960	4625	4625	—	4625	4210	1.3	7169	—	—	
	DW23B	28	75.7	33.5	222.7		15	10930	10190	10190	—	10190	9270	18	15790	—	—	
710/70R42 VF CFO	DW25B	745	2062	924	6094	185D	2.4	9910	9250	9250	—	9250	8420	2.4	—	12303	10268	
	DW24B	29.3	81.2	36.4	239.9		35	21850	20390	20390	—	20390	18560	35	—	27120	22640	
	DW23B																	
710/75R42 VF CFO	DW25B	725	2153	940	6279	181D	1.6	8840	8250	8250	—	8250	7510	1.6	—	10973	9158	
		28.5	84.8	37	247.2		23	19490	18190	18190	—	18190	16560	23	—	24190	20190	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum RCI	Load Index PR Symbols	Inflation Pressure	Recommended Load									
		SW	OD					Speed									
				CFO				Not high and sustained torque; Road transport									
mm	mm	mm	mm	bar	15	30	15	20	25	30	35	40	45	50			
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph			
VF800/70R32CFO	DW27B	820	1933	816	5730	185A8	2	14338	12025	9713	9620	9528	9435	9343	9250	8880	8418
		32.3	76.1	32.1	225.6		29	31610	26510	21410	21210	21010	20800	20600	20390	19580	18560

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD					mm in	mm in	mm in	mm in	Not high and sustained torque; Road transport							
		mm in	mm in	bar psi	10 6	25 16	30 19					40 25	50 31	60 37	65 40	70 43	Press.	Load	
																	bar	10	psi
VF620/70R26CFO	DW21B	626	1485	644	4341	170D	2.4	6600	6180	6120	6000	6000	6000	6000	5460	3.2	8400		
		24.6	58.5	25.4	170.9		35	14550	13625	13492	13228	13228	13228	13228	12037	46	18519		
VF540/65R30	DW20B	549	1464	659.2	4346	161D	2.4	5088	4810	4718	4625	4625	4625	4625	4209	3.2	6475		
		21.6	57.6	26	171.1		35	11217	10604	10401	10196	10196	10196	10196	9279	46	14275		
VF650/60R34	DW23B	650	1644	731.4	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	12593	12346	12346	12346	12346	11235	41	17284		
VF710/60R34	DW25B	710	1715	753.7	5105	173D	2	7150	6695	6630	6500	6500	6500	6500	5915	2.8	9100		
	DW24B	28	67.5	29.7	201		29	15763	14760	14617	14330	14330	14330	14330	13040	41	20062		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load								Inflation Pressure	Recom- mended Load
		SW	OD					Speed									Speed
								TRACTOR APPLICATION									Cyclic operations
				mm	mm		mm	mm	mm	mm	mm	mm	bar	10			
				in	in		in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	
VF540/65R38	DW20B, DW18L, NRODW16L	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
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
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

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										Inflation Pressure	Recom-mended Load	
		SW	OD					Speed											Speed	
								TRACTOR APPLICATION											Cyclic operations	
				mm	mm		mm	mm	bar	10	20	30	40	50	60	65	70	bar		10
				in	in		in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	psi		kmph
VF480/60R28	DW16L, W15L	470	1287	573	3762	149D	2	3575	3380	3315	3250	3250	3250	3250	2958	4550				
		18.5	50.7	22.6	148.1		29	7880	7450	7310	7170	7170	7170	7170	6520	41	10030			
VF600/60R38	DW20B	587	1685	763.6	4996	168D	2.4	6160	5824	5712	5600	5600	5600	5600	5096	7840				
	DW21B DW18L	23.1	66.3	30.1	196.7		35	13580	12840	12593	12346	12346	12346	12346	11235	46	17284			
VF600/60R34	DW20B	587	1584	696.5	4647	149D	1	3575	3380	3315	3250	3250	3250	3250	2958	4550				
	DW21B DW18L	23.1	62.4	27.4	183		15	7882	7452	7308	7165	7165	7165	7165	6521	26	10031			
VF710/75R38	DW24B	705	2031	878.9	5991	183D	2	9625	9100	8925	8750	8750	8750	8750	7963	12250				
	DW25B DW23B	27.8	80	34.6	235.9		29	21220	20060	19680	19290	19290	19290	19290	17560	41	27010			
VF750/70R44	DW25B	742	2168	953	6403	186D	2	10450	9880	9690	9500	9500	9500	9500	8645	13300				
	DW24B	29.2	85.4	37.5	252.1		29	23040	21780	21360	20940	20940	20940	20940	19060	41	29320			
VF540/65R38	DW20B	549	1667	753	4951	162D	2	5225	4940	4845	4750	4750	4750	4750	4323	6650				
	DW18L DW16L	21.6	65.6	29.6	194.9		29	11520	10890	10680	10470	10470	10470	10470	9530	41	14660			
VF750/75R46	DW25B	742	2294	1027	6765	191D	2.4	11990	11336	11118	10900	10900	10900	10900	9919	15260				
		29.2	90.3	40.4	266.3		35	26430	24990	24510	24030	24030	24030	24030	21870	46	33640			
VF650/85R42	DW23B	666	2170	958	6342	183D	2	9625	9100	8925	8750	8750	8750	8750	7963	12250				
		26.2	85.4	37.7	249.7		29	21220	20060	19680	19290	19290	19290	19290	17560	41	27010			

372 AGRIFLEX

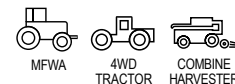
R-1W

SB

SG

STEEL
BELTED

STUBBLE
GUARD



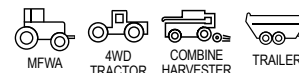
The advanced 372 AGRIFLEX Improved Flexion (IF) designed with increased sidewall flexibility enables the tire to carry up to 20% more load at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for 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 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)								Cyclic*	
				Not high and sustained torque; Road transport													
				mm in	mm in			mm in	mm in	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6
IF420/85R28	W15 W14	448	1437	636	4261	145D	1.6	3630	3240	2970	—	2900	2640	2	4495	—	—
		17.6	56.6	25	167.8		23	8000	7140	6540	—	6390	5810	29	9900	—	—
IF600/70R28	DW21B DW20B	625	1560	695	4597	164D	2.4	6250	5580	5130	—	5000	4550	3	7750	—	—
		24.6	61.4	27.4	181		35	13770	12290	11300	—	11010	10020	44	17070	—	—
IF600/70R30	DW20	615	1610	720	4770	159D	1.6	5470	4890	4480	—	4375	3980	2	6781	—	—
							23	12050	10770	9870	—	9640	8770	29	14940	—	—
		24.2	63.4	28.3	187.8	165D	2.4	6440	5750	5280	—	5150	4690	3	7983	—	—
							35	14190	12670	11630	—	11340	10330	44	17580	—	—
IF520/85R38	DW16L DW18L	540	1850	834	5482	167D	2.4	6810	6090	5590	—	5450	4960	3	8448	—	—
		21.3	72.8	32.8	215.8		35	15000	13410	12310	—	12000	10930	44	18610	—	—
IF520/85R42	DW16L DW18L	540	1955	879	5825	169D	2.4	7250	6480	5950	—	5800	5280	3	8990	—	—
		21.3	77	34.6	229.3		35	15970	14270	13110	—	12780	11630	44	19800	—	—
IF710/70R42	DW25B DW24B DW23B	745	2062	929	6114	179D	2.4	9690	8650	7940	—	7750	7050	3	12013	—	—
		29.3	81.2	36.6	240.7		35	21340	19050	17490	—	17070	15530	44	26460	—	—

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommended Load									
		SW	OD					Speed									
								CFO*		Not high and sustained torque; Road transport							
								15	30	10	15	20	40	50	65	70	
mm in	mm in	mm in	mm in	mm in	bar psi	9	19	6	9	12	25	31	40	43			
IF 520/80R26 CFO	DW16	505	1465	651	4372	165A8	3.2	7980	6700	6440	5750	5280	-	-	5150	-	
		19.9	57.7	25.6	172.1	46	17590	14770	14200	12680	11640	-	-	11350	-		
IF 600/65R28 CFO	DW21B	606	1485	666	4418	160D	2.4	6975	5850	5630	5030	4610	-	-	4500	410	
	DW20B, W18L	23.9	58.5	26.2	173.9	35	15380	12900	12410	11090	10160	-	-	9920	9040		
IF 620/75R30 CFO	DW23B	650	1675	734	4879	164D	1.6	7750	6500	6250	5580	5130	-	-	5000	4550	
	DW21B	25.6	65.9	28.9	192.1	23	17090	14330	13780	12300	11310	-	-	11020	10030		
IF 650/75R30 CFO	DW23B	660	1720	754	5007	166D	1.6	8215	6890	6630	5920	5430	-	-	5300	4820	
	DW21B	26	67.7	29.7	197.1	23	18110	15190	14620	13050	11970	-	-	11680	10630		
IF 1250/50R32 CFO	DH44B	1250	2080	905	6211	201B	3.2	22480	18850	18130	16190	14860	-	14500	-	-	
		49.2	81.9	35.6	244.5	46	49560	41560	39970	35690	32760	-	31970	-	-		
IF 900/60R32 CFO	DW30B					188D	3.2	15500	13000	12500	11170	10250	-	-	10000	9100	
		885	1890	847	5612	46	34170	28660	27560	24630	22600	-	-	22050	20060		
		34.8	74.4	33.3	220.9	192D	4	17360	14560	14000	12510	11480	-	-	11200	10190	
						58	38270	32100	30870	27580	25310	-	-	24690	22470		
IF 800/65R32 CFO	DW27B	775	1845	816	5449	178A8	2.4	11625	9750	9380	8380	7690	7500	-	-	-	
		30.5	72.6	32.1	214.5	35	25630	21500	20680	18480	16950	16540	-	-	-		
IF 800/70R32 CFO	DW27B	784	1933	857	5704	182A8	2.4	13175	11050	10630	9490	8710	8500	-	-	-	
	DW25B	30.9	76.1	33.7	224.6	35	29050	24360	23440	20920	19200	18740	-	-	-		
IF 650/65R34 CFO	DW23	650	1720	769	5033	161D	1.6	7170	6010	5780	5160	4740	-	-	4625	4210	
		25.6	67.7	30.3	198.1	23	15810	13250	12740	11380	10450	-	-	10200	9280		
IF 900/60R38 CFO	DW30B	880	2035	897	5998	184A8	2.4	13950	11700	11250	10050	9230	-	-	9000	8190	
	DW31B	34.6	80.1	35.3	236.1	35	30750	25790	24800	22160	20350	-	-	19840	18060		
IF 800/70R38 CFO	DW27B DW25B					184A8	2.4	13950	11700	11250	10050	9230	9000	-	-	-	
		820	2085	926	6144	35	30750	25790	24800	22160	20350	19840	-	-	-		
		32.3	82.1	36.5	241.9	187A8	2.8	15113	12675	12190	10890	9990	9750	-	-	-	
						41	33320	27940	26870	24010	22020	21500	-	-	-		
IF 710/85R38 CFO	DW25B	730	2165	956	6294	178D	1.6	11625	9750	9380	8380	7690	-	-	7500	6830	
		28.7	85.2	37.6	247.8	23	25630	21500	20680	18480	16950	-	-	16540	15060		
IF 710/75R42 CFO	DW25B	725	2150	951	6318	176D	1.6	11005	9230	8880	7930	7280	-	-	7100	6460	
		28.5	84.6	37.4	248.7	23	24260	20350	19580	17480	16050	-	-	15650	14240		
IF 580/85R42 CFO	DW20B	595	2040	918	6047	178D	2.8	11625	9750	9380	8380	7690	-	-	7500	6830	
		23.4	80.3	36.1	238.1	41	25630	21500	20680	18480	16950	-	-	16540	15060		

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				Not high and sustained torque;								Field operation			
		mm in	mm in					Road transport								Low Torque		High Torque	
							Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	70 44	10 6	20 12	10 6	
620/75R30 Steel Belted	DW20	590	1692	760.6	5142	166D	3.2	12190	7950	6280	6100	5800	5570	5300	4820	—	—	—	
		23.2	66.6	29.9	202.4	169A8	46	26850	17510	13830	13440	12780	12270	11670	10620	—	—	—	
710/55R30	DW23	677	1516	667	4459	153D	1.6	8400	5480	4330	4200	4000	3830	3650	3320	5600	4800	4280	
		26.7	59.7	26.3	175.6		23	18500	12070	9540	9250	8810	8440	8040	7310	12330	10570	9430	
710/60R30	DW23B	705	1616	723	4858	162D	2.4	10930	7130	5630	5460	5200	4990	4750	4320	7280	6240	5560	
		27.8	63.6	28.5	191.3	165A8	35	24070	15700	12400	12030	11450	10990	10460	9520	16040	13740	12250	
600/70R34	DW20B DW18L W18L	610	1705	770	5118	160D	2.4	10350	6750	5330	5180	4930	4730	4500	4100	6900	5920	5280	
		24	67.1	30.3	201.5	163A8	35	22800	14870	11740	11410	10860	10420	9910	9030	15200	13040	11630	
710/60R34	DW23B	710	1712	771	5128	164D	2.4	11500	7500	5930	5750	5480	5250	5000	4550	7670	6580	5860	
		28	67.4	30.4	201.9	167A8	35	25330	16520	13060	12670	12070	11560	11010	10020	16890	14490	12910	
650/75R38	DW23B DW21B DW20B	671	1930	871	5730	169D	2.4	13340	8700	6870	6670	6350	6090	5800	5280	8890	7620	6790	
		26.4	76	34.3	225.6	172A8	35	29380	19160	15130	14690	13990	13410	12780	11630	19580	16780	14960	
900/55R38 Steel Belted	DW27 DW28	850	2000	901	6021	178D	2.4	17250	11250	8890	8630	8210	7880	7500	—	11490	9850	8780	
		33.5	78.7	35.5	237	181A8	35	38000	24780	19580	19010	18080	17360	16520	—	25310	21700	19340	
900/60R38	DW27 DW28	856	2032	912	6081	178D	2.4	17250	11250	8890	8630	8210	7880	7500	6830	11490	9850	8780	
		33.7	80	35.9	239.4	181A8	35	38000	24780	19580	19010	18080	17360	16520	15040	25310	21700	19340	
710/75R42	DW23B	730	2140	965	6409	175D	2.4	15870	10350	8180	7940	7560	7250	6900	6280	10580	9070	8090	
		28.7	84.3	38	252.3	178A8	35	34960	22800	18020	17490	16650	15970	15200	13830	23300	19980	17820	
900/50R42	DW28B DW27B DW30B	855	1947	861	5771	168D	1.6	12880	8400	6640	6440	6130	5880	5600	5100	8580	7360	6560	
		33.7	76.7	33.9	227.2		23	28370	18500	14630	14190	13500	12950	12330	11230	18900	16210	14450	
900/60R42	DW28 DW27 DW30	890	2140	951	6356	180D	2.4	18400	12000	9480	9200	8760	8400	8000	7280	12260	10510	9370	
		35	84.3	37.4	250.3		35	40530	26430	20880	20260	19300	18500	17620	16040	27000	23150	20640	

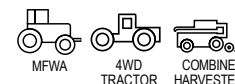
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW		OD	SRI			Tractor application							
		mm in	mm in					Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph	70 kmph
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

365 AGRI-STAR VF

R-1W

SB
STEEL
BELTED

SG
STUBBLE
GUARD



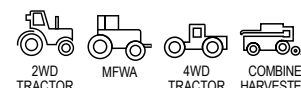
The 365 Agri-star tread pattern represents the family of modern radial agricultural tires with low aspect ratio. VFtechnology combined with special construction & advanced compounds provide low soil compaction, extraordinary traction and 40% higher load capacity for the same inflation pressure. Narrow Rim Option (NRO) technology enables VFtires marked NRO also to be fitted on a standard rim.



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					Not high and sustained torque; Road transport						Cyclic*	
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	Press. bar psi
VF600/65R28 NRO	DW20B W18L DW21B	615 24.2	1491 58.7	642 25.3	4436 174.6	163D	2 29	5220 11500	4875 10740	4875 10740	4875 10740	4440 9780	2.5 36	7560 16650	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	PR,Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Cyclic for CFO		Non cyclic operation		Infl. press	Cyclic service
mm in	mm in	mm in	mm in	15	30	65	70	bar psi	10				
				9	19	40	43		6				
VF650/65R42 NRO	DW20B DW21B	650 25.6	1935 76.2	842 33.1	5894 232	174D	2 29	10390 22910	8710 19200	6700 14770	6100 13450	2.8 41	9380 20680

365 AGRI-STAR R-1W



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.



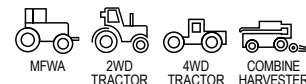
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Field	1) Not high and sustained torque; 2) Road transport						Cyclic operation	
									Non cyclic operation							
mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9				
420/65R20	W13	418	1054	466.95	3067	135D	2.4	2510	2580	2390	2290	2180	1980	3.1	3710	3380
		16.5	41.5	18.4	120.7	138A8	35	5530	5680	5260	5040	4800	4360	44	8170	7440
440/65R24	W14L W13			544	3578	128D	1.6	2070	2130	1970	1890	1800	1640	2	3060	2790
		447	1192	21.4	140.8	131A8	23	4560	4690	4340	4160	3960	3610	29	6740	6150
		17.6	46.9	547.4	3553	135D	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380
				21.6	139.9	138A8	35	5530	5680	5260	5040	4800	4360	44	8170	7440
480/65R24	W15L	483	1238	543.30	3661	140D	2.4	2880	2960	2740	2630	2500	2280	2.9	4250	3880
		19	48.7	21.4	144.1		35	6340	6520	6040	5790	5510	5020	42	9360	8550
540/65R24	W16L W18L			582.55	3798	140D	1.6	2880	2960	2740	2630	2500	2280	2	4250	3880
		550	1315	22.9	149.5		23	6340	6520	6040	5790	5510	5020	29	9360	8550
		21.7	51.8			146D	2.4	3450	3560	3290	3150	3000	2730	3	5100	4650
							35	7600	7840	7250	6940	6610	6010	44	11230	10240
440/65R28	W14L	441	1283	590.4	3869	138D	2.4	2710	2800	2580	2480	2360	2150	3	4010	3660
		17.4	50.5	23.2	152.3	141A8	35	5980	6170	5690	5470	5200	4740	44	8840	8070
480/65R28	W15L W14L					142D	2.4	3050	3140	2900	2780	2650	2410	3	4510	4110
		484	1335	624.35	4094	145A8	35	6720	6920	6390	6120	5840	5310	44	9930	9050
		19.1	52.6	24.6	161.2	136D	1.6	2580	2650	2450	2350	2240	2040	2	3810	3470
						139A8	23	5680	5840	5400	5180	4930	4490	29	8390	7640
540/65R28	W16L W15L W18L					142D	1.6	3050	3140	2900	2780	2650	2410	2	4510	4110
		535	1415	633	4192	145A8	23	6720	6920	6390	6120	5840	5310	29	9930	9050
		21	55.7	25	165	149D	2.4	3740	3850	3560	3410	3250	2960	3	5530	5040
						152A8	35	8240	8480	7840	7510	7160	6520	44	12180	11100
						147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770
600/65R28	DW20B W18L	594	1484	668.6	4450	150A8	2.3	7800	8020	7420	7110	6770	6170	29	11520	10510
		23.4	58.4	26.3	175.2		2.4	4310	4440	4110	3940	3750	3410	3	6380	5810
		591	1491	659	4448	154D	2.4	4310	4440	4110	3940	3750	3410	3	6380	5810
		23.3	58.7	25.9	175.1	157A8	35	9490	9780	9050	8680	8260	7510	44	14050	12800

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Field	1) Not high and sustained torque; 2) Road transport								
									Non cyclic operation					Cyclic operation			
mm in	mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9				
540/65R30	W16L W18L	560	1486	682	4483	143D	1.6	3130	3230	2980	2860	2725	2480	2	4630	4220	
		22	58.5	26.8	176.4	146A8	23	6890	7110	6560	6300	6000	5460	29	10200	9300	
		540	1472	664.3	4478	150D	2.4	3850	3970	3670	3520	3350	3050	3	5700	5190	
		21.3	58.0	26.2	176.3	153A8	35	8480	8740	8080	7750	7380	6720	44	12560	11430	
600/65R30	DW20 W18L	610	1542	697	4738	149D	1.6	3740	3850	3560	3410	3250	2960	2	5530	5040	
		24	60.7	27.4	186.5		23	8240	8480	7840	7510	7160	6520	29	12180	11100	
						158D	2.5	4890	5040	4650	4460	4250	3870	3.1	7230	6590	
							36	10770	11100	10240	9820	9360	8520	45	15930	14520	
540/65R34	W16L W15L W18L	535	1566	707.05	4653	152D	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500	
		21.1	61.7	27.8	183.2	155A8	35	8990	9270	8570	8220	7820	7110	44	13300	12110	
		533	1570	717.9	4653	145D	1.6	3340	3440	3180	3050	2900	2640	2	4930	4500	
		21	61.8	28.3	183.2	148A8	23	7360	7580	7000	6720	6390	5810	29	10860	9910	
600/65R34	W18L DW20A	602	1648	744	4942	151D	1.6	3970	4090	3780	3620	3450	3140	2	5870	5350	
		23.7	64.9	29.3	194.6	155A8	23	8740	9010	8330	7970	7600	6920	29	12930	11780	
		591	1644	739.3	4904	157D	2.4	4740	4890	4520	4330	4125	3750	3	7010	6390	
		23.3	64.7	29.1	193.1	160A8	35	10440	10770	9960	9540	9090	8260	44	15440	14070	
540/65R38	W16L W18L	540	1667	770	4926	153D	2.4	4200	4330	4000	3830	3650	3320	3	6210	5660	
		21.3	65.6	30.3	193.9		35	9250	9540	8810	8440	8040	7310	44	13680	12470	
600/65R38	W18L W16 DW20A DW18L			792	5251	153D	1.6	4200	4120	3830	3720	3650	3320	2	6210	5660	
		594	1748	31.2	206.7	155A8	23	9250	9070	8440	8190	8040	7310	29	13680	12470	
		23.4	68.8	796	5198	159D	2.4	5030	5180	4790	4590	4375	3980	3	7440	6780	
				31.3	204.6	162A8	35	11080	11410	10550	10110	9640	8770	44	16390	14930	
650/65R38	DW20B DW18L	658	1825	833	5548	157D	1.6	4740	4890	4520	4330	4125	3750	2	7010	6390	
		25.9	71.9	32.8	218.4	160A8	23	10440	10770	9960	9540	9090	8260	29	15440	14070	
		658	1825	837	5548	163D	2.4	5610	5780	5340	5120	4875	4440	3	8290	7560	
		25.9	71.9	33	218.4	166A8	35	12360	12730	11760	11280	10740	9780	44	18260	16650	
		650	1830	838.8	5723	Special 166D 169A8	2.5	6100	6280	5800	5570	5300	4820	3.1	9010	8220	
		25.6	72.0	33.0	225.3		36	13440	13830	12780	12270	11670	10620	45	19850	18110	
		650	1830	842.6	5690	171D	3.6	7070	7290	6730	6460	6150	5600	4.5	10460	9530	
		25.6	72.0	33.2	224.0	174A8	52	15570	16060	14820	14230	13550	12330	65	23040	20990	
710/70R38	DW23B DW23A			876		166D	1.6	6100	5990	5570	5410	5300	4820	2	9010	8220	
		728	1950	34.5	5924	168A8	23	13440	13190	12270	11920	11670	10620	29	19850	18110	
		28.7	76.8	874.1	233.2	171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530	
				34.4		174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990	
650/65R42	DW20 DW20B W18	667	1945	882.5	5911	158D	1.6	4890	5040	4650	4460	4250	3870	2	7230	6590	
		26.3	76.6	34.7	232.7	161A8	23	10780	11110	10250	9830	9370	8530	29	15940	14530	
		650	1935	875.8	5916	170D	3.2	6900	7110	6570	6300	6000	5460	4	10200	9300	
		25.5	76.1	34.4	230.1	173A8	46	15200	15660	14470	13880	13220	12030	58	22490	20500	
710/70R42 Steel Belted	DW23B					173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080	
		740	2055	936	6102	176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200	
		29.1	80.9	36.9	240.2	Special 177D 180A8	3.2	8400	8650	8000	7670	7300	6640	4	12410	11320	
							46	18500	19050	17620	16890	16080	14630	58	27330	24930	

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					Not high and sustained torque; Road transport						Field operation			
														Low Torque		High Tor	
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6	
420/65R24	W13	418	1156	580	3415	126A8	1.6	3910	2550	1890	1820	1700	1700	2380	2040	1820	
		16.5	45.5	22.8	134.4	126B	23	8620	5620	4170	4010	3750	3750	5250	4500	4010	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										
								Speed										
		1) Not high and sustained torque; 2) Road transport																
		Non cyclic operation						Cyclic operation										
		SW	OD						bar	Field	25	40	50	65	70	bar	10	15
		mm	mm	mm	mm				psi	kmph	kmph	kmph	kmph	kmph	kmph	psi	kmph	kmph
in	in	in	in															
480/65R24	W15L	483	1238	555	3670	140D	2	2880	2960	2740	2630	2500	2280	2.9	4250	3880		
		19	48.7	21.9	144.5		29	6350	6530	6040	5800	5510	5030	42	9370	8550		

370 AGRI-STAR R-1W



370 Agri-star is a wide base radial tire developed for modern and high power tractors on heavy duty field and hauling applications. The tire provides high load carrying capacity (about 10% more) at the same inflation pressure compared with the standard section size tire.

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 increases 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	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Not high and sustained torque; Road transport								Field operation							
										Low Torque		High Torque					
		SW mm in	OD mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6	
200/70R16	W6	197	686	315	2069	94A8	2.4	1540	1010	740	720	670	670	940	800	720	
		7.8	27	12.4	81.5	94B	35	3390	2220	1630	1590	1480	1480	2070	1760	1590	
240/70R16	W8	245	740	337	2196	104A8	2.4	2070	1350	1000	960	900	820	1260	1080	960	
		9.6	29.1	13.3	86.5	101 B	35	4560	2970	2200	2110	1980	1810	2780	2380	2110	
260/65R16	W8	258	741	342	2212	106A8	2.4	2190	1430	1050	1020	950	860	1330	1140	1020	
		10.2	29.2	13.4	87	103 B	35	4820	3150	2310	2250	2090	1890	2930	2510	2250	
260/70R16	W9	258	780	351	2299	109A8	2.4	2370	1550	1140	1100	1030	940	1440	1240	1100	
		10.2	30.7	13.8	90.5	106 B	35	5220	3410	2510	2420	2270	2070	3170	2730	2420	
280/65R16	W9	278	780	362	2343	110A8	2.4	2440	1590	1180	1130	1060	960	1480	1270	1130	
		10.9	30.7	14.3	92.2	107 B	35	5370	3500	2600	2490	2330	2110	3260	2800	2490	
280/70R16	W9	278	804	368	2392	112A8	2.4	2580	1680	1240	1200	1120	1020	1570	1340	1200	
		10.9	31.7	14.5	94.2	109 B	35	5680	3700	2730	2640	2470	2250	3460	2950	2640	
320/65R16	W10 W9 W11	325	835	375	2456	107A8	1.6	2240	1460	1080	1040	975	975	1370	1170	1040	
		12.8	32.9	14.8	96.7	107B	23	4930	3220	2380	2290	2150	2150	3020	2580	2290	
280/70R18	W9 W8 W10	282	849	380.35	2601	114A8	2.4	2710	1770	1310	1260	1180	1070	1650	1420	1260	
		11.1	33.4	14.9	102.4	111B	35	5970	3900	2890	2780	2600	2360	3630	3130	2780	
340/65R18	W11	343	899	401.29	2658	113A8	1.6	2650	1730	1280	1230	1150	1060	1610	1380	1230	
		13.5	35.4	15.7	104.6	110B	23	5840	3810	2820	2710	2540	2340	3550	3040	2710	
260/70R20	W9	258	878	402	2612	113A8	2.4	2650	1730	1280	1230	1150	1050	1610	1380	1230	
		10.2	34.6	15.8	102.8	110B	35	5840	3810	2820	2710	2530	2310	3550	3040	2710	
280/70R20	W10 W9	278	912	415	2706	116A8	2.4	2880	1880	1390	1340	1250	1140	1750	1500	1340	
		10.9	35.9	16.3	106.5	113B	35	6340	4140	3060	2950	2750	2510	3850	3300	2950	
300/70R20	W9 W10			435	2833	110A8	1.6	2440	1590	1180	1130	1060	960	1480	1270	1130	
		293	956	17.1	111.5	107B	23	5370	3500	2600	2490	2330	2110	3260	2800	2490	
		11.5	37.6	437.85	2867	120A8	2.4	3220	2100	1550	1500	1400	1270	1960	1680	1500	
				17.2	112.8	117B	35	7090	4630	3410	3300	3080	2800	4320	3700	3300	
320/70R20	W10 W9 W11			445	2908	113A8	1.6	2650	1730	1280	1230	1150	1050	1610	1380	1230	
		325	986	17.5	114.5	110B	23	5840	3810	2820	2710	2530	2310	3550	3040	2710	
		12.8	38.8	447.56	2956	123A8	2.4	3570	2330	1720	1660	1550	1410	2170	1860	1660	
				17.6	116.3	120B	35	7860	5130	3790	3660	3410	3110	4780	4100	3660	
340/65R20	W11 W10 W12					114A8	1.6	2710	1770	1310	1260	1180	1070	1650	1420	1260	
		345	955	431	2820	111B	23	5970	3900	2890	2780	2600	2360	3630	3130	2780	
		13.6	37.6	17	111	124A8	2.4	3680	2400	1780	1710	1600	1460	2240	1920	1710	
						121B	35	8110	5290	3920	3770	3520	3220	4930	4230	3770	
360/70R20	W11 W10 W12	360	1042	468	3066	129A8	2.4	4260	2780	2050	1980	1850	1850	2590	2220	1980	
		14.2	41	18.4	120.7	129B	35	9380	6120	4520	4360	4080	4080	5700	4890	4360	
380/70R20	W12 W11	380	1082	484	3176	122A8	1.6	3450	2250	1670	1610	1500	1500	2100	1800	1610	
		15	42.6	19.1	125	122B	23	7600	4960	3680	3550	3300	3300	4630	3960	3550	
320/70R24	W10 W9 W11	319	1098	500	3259	116A8	1.6	2880	1880	1390	1340	1250	1140	1750	1500	1340	
		12.6	43.2	19.7	128.3	113 B	23	6340	4140	3060	2950	2750	2510	3850	3300	2950	
360/70R24	W11 W10 W12	360	1152	525.25	3381	122A8	1.6	3450	2250	1670	1610	1500	1370	2100	1800	1610	
		14.2	45.4	20.6	133.1	119 B	23	7600	4960	3680	3550	3300	3020	4630	3960	3550	
420/70R24	W13 W12 W14L	418	1238	553	3631	130A8	1.6	4370	2850	2110	2030	1900	1730	2660	2280	2030	
		16.5	48.7	21.8	143	127 B	23	9630	6280	4650	4470	4190	3810	5860	5020	4470	
480/70R24	W15L W14L W16L	479	1322	590	3873	138A8	1.6	5430	3540	2620	2530	2360	2150	3300	2830	2530	
		18.9	52	23.2	152.5	135 B	23	11960	7800	5770	5570	5200	4740	7270	6230	5570	
620/70R26	DW20B W18L	625	1500	660	4388	153A8	1.6	8400	5480	4050	3910	3650	3650	5110	4380	3910	
		24.6	59.1	26	172.8	153B	23	18500	12070	8920	8610	8040	8040	11260	9650	8610	
750/70R26	DW24 DW25					158A8	1.6	9780	6380	4720	4550	4250	4250	5950	5100	4550	
		750	1750	774.2	5248	158B	23	21560	14070	10410	10030	9370	9370	13120	11240	10030	
		29.5	68.9	30.5	206.6	172A8	2.4	14490	9450	6990	6740	6300	6300	8820	7560	6740	
						172B	35	31950	20830	15410	14860	13890	13890	19450	16670	14860	
360/70R28	W11 W10 W12	357	1255	573	3740	125A8	1.6	3800	2480	1830	1770	1650	1500	2310	1980	1770	
		14.1	49.4	22.6	147.3	122 B	23	8370	5460	4030	3900	3630	3300	5090	4360	3900	
420/70R28	W13 W12 W14L	418	1339	607	3961	133A8	1.6	4740	3090	2290	2200	2060	1870	2880	2470	2200	
		16.5	52.7	23.9	155.9	130 B	23	10440	6810	5040	4850	4540	4120	6340	5440	4850	

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					Not high and sustained torque; Road transport						Field operation			
				mm in	mm in		mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	Low Torque	High Tor	
						Bar psi											
480/70R28	W15L	479	1423	640	4313	140A8	1.6	5750	3750	2780	2680	2500	2280	3500	3000	2680	
	W14L W16L	18.9	56	25.2	169.8	137 B	23	12670	8260	6120	5900	5510	5020	7710	6610	5900	
600/70R28	W18L	592	1562	709	4671	161A8	2.8	10640	6940	5130	4950	4625	4250	6480	5550	4950	
	DW20B	23.3	61.5	27.9	183.9	158B	41	23440	15290	11300	10900	10190	9360	14270	12220	10900	
600/70R30	DW20B	627	1594	708	4785	152A8	1.6	8170	5330	3940	3800	3550	3550	4970	4260	3800	
	DW18L W18L	24.7	62.8	27.9	188.4	152 B	23	18000	11740	8680	8370	7820	7820	10950	9380	8370	
480/70R34	W15L	479 18.9	1576 62	729 28.7	4689 184.6	143A8	1.6	6270	4090	3020	2920	2725	2480	3820	3270	2920	
						140 B	23	13810	9010	6650	6430	6000	5460	8410	7200	6430	
						146A8	2.1	6900	4500	3330	3000	3000	2730	4200	3600	3210	
						146 B	30	15200	9910	7330	6610	6610	6010	9250	7930	7070	
						155A8	2.6	8910	5810	4300	4150	3870	3530	5430	4650	4150	
						152 B	38	19630	12800	9470	9140	8540	7780	11960	10240	9140	
520/70R34	W16L W18L W18L	516 20.3	1632 64.3	739 29.1	4826 190	148A8	1.6	7250	4730	3500	3370	3150	2870	4410	3780	3370	
						145 B	23	15970	10420	7710	7420	6940	6320	9710	8330	7420	
						168A8	4.4	12880	8400	6220	5990	5600	5100	7840	6720	5990	
						165 B	64	28370	18500	13700	13190	12330	11230	17270	14800	13190	
580/70R38	W18A W18L DW18L	577 22.7	1817 71.5	816 32.1	5443 214.3	155A8	1.6	8910	5810	4300	4150	3875	3530	5430	4650	4150	
						152 B	23	19630	12800	9470	9140	8540	7780	11960	10240	9140	
						Reinforced rim	2.8	13800	9000	6660	6420	6000	5460	8400	7200	6420	
						170A8 167 B	41	30400	19820	14670	14140	13220	12030	18500	15860	14140	
						Reinforced rim	4.6	18400	12000	8880	8560	8000	7280	11200	9600	8560	
						180A8	67	40530	26430	19560	18850	17620	16040	24670	21150	18850	
800/70R38	DW25B	806	2082	929	6101	173A8	1.6	14950	9750	7220	6960	6500	6500	9100	7800	6960	
	DW23B DW27B	31.7	82	36.6	240.2	173 B	23	32930	21480	15900	15330	14320	14320	20040	17180	15330	
580/70R42	W18L	601	1900	864	5632	158A8	1.6	9780	6380	4720	4550	4250	4250	5950	5100	4550	
		23.7	74.8	34	221.7	158 B	23	21540	14050	10400	10020	9360	9360	13110	11230	10020	

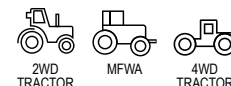
370 COMBINE HARVESTER

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index	Inflation Pressure	Recommended Load												
								Speed												
		SW	OD					mm	mm	PR	bar	Cyclic*	Drive wheel				Free rolling			
												10	10	25	30	10	25	30	40	
		mm	mm			Symbols		kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph					
600/70R28	W18L, DW20B	592	1562	709	4671	173A8	2.8	10920	6480	5500	5180	9100	7740	7280	6500					
					183.9	161A8	41	24070	14290	12130	11420	20060	17060	16050	14330					

370 HIGH SPEED RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD					Field	1) Not high and sustained torque; 2) Road transport									
									Non cyclic operation					Cyclic operation				
		mm in	mm in	mm in	mm in		bar psi		25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9		
19.5LR28 (480/70R28)	W15L	479	1423	640	4190	149D	2.8		3740	3850	3560	3410	3250	2960	3.5	5530	5040	
	W14L	18.9	56	25.2	164.9	146 E	41	8240	8480	7840	7510	7160	6520	51	12180	11100		
	W16L																	
19.5LR30 (480/70R30)	W15L W14L W16L	479 18.9	1474 58	674 26.5	4491 176.8	147D	2.4	3540	3640	3370	3230	3075	2800	3	5230	4770		
						144E	35	7800	8020	7420	7110	6770	6170	44	11520	10510		
						152D	3.2	4080	4210	3890	3730	3550	3230	4	6040	5500		
						149E	46	8990	9270	8570	8220	7820	7110	58	13300	12110		
						157D	4	4740	4890	4520	4330	4125	3750	5	7010	6390		
						154E	58	10440	10770	9960	9540	9090	8260	73	15440	14070		

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.

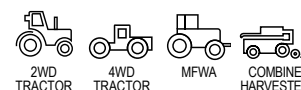


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in					40 25	50 30	70 44
280/70R20	W10	278	912	415	2706	116A8	2.4	1250	1250	—
	W9	10.9	35.9	16.3	106.5	116B	35	2750	2750	—
300/70R20	W9	293	956	438.15	2877	120A8	2.4	1400	1400	—
	W10	11.5	37.6	17.25	113.2	120B	35	3080	3080	—
320/70R20	W10	325	986	445	2908	123A8	2.4	1550	1550	—
	W9	12.8	38.8	17.5	114.5	123B	35	3410	3410	—
	W11									—
320/70R24	W10	319	1094	499	3227	116A8	1.6	1250	1250	—
		12.6	43.1	19.6	127	116B	23	2750	2750	—
360/70R24	W11	357	1152	521.5	3360	122A8	1.6	1500	1500	—
	W10	14.1	45.3	20.5	132.2	122B	23	3300	3300	—
	W12									—
380/70R24	W12	380	1190	538	3511	125A8	1.6	1650	1650	—
		15	46.9	21.2	138.2	125B	23	3635	3635	—
420/70R24	W13	418	1248	551.5	3668	130A8	1.6	1900	1900	—
	W12	16.5	49.1	21.7	144.4	130B	23	4190	4190	—
	W14L									—
480/70R24	W15L	479	1316	588	3859	138A8	1.6	2360	2360	—
		18.9	51.8	23.1	151.9	138B	23	5200	5200	—
320/70R28	W10	319	1192	547	3516	119A8	1.6	1360	1360	—
		12.6	46.9	21.5	138.4	119B	23	3000	3000	—
360/70R28	W11	357	1240	572	3658	125A8	1.6	1650	1650	—
		14.1	48.8	22.5	144	125B	23	3630	3630	—
380/70R28	W12	380	1293	589	3839	127A8	1.6	1750	1750	—
		15	50.9	23.2	151.1	127B	23	3850	3850	—
420/70R28	W13	418	1349	594.4	3938	133A8	1.6	2060	2060	—
		16.5	53.1	23.4	155	133B	23	4540	4540	—
480/70R28	W15L		1415	640	4174	140A8	1.6	2500	2500	2900
		479	55.7	25.2	164.3	140B	23	5510	5510	6400
		18.9	1421	645.3	4287	151A8	3.2	3450	—	—
			55.9	25.4	168.7	145E	46	7600	—	—
										—
600/70R28	DW20	611	1551	696	4610	161A8	2.8	4625	4625	—
		24.1	61.1	27.4	181.4	161B	41	10190	10190	—
420/70R30	W13	418	1398	636	4115	134A8	1.6	2120	2120	—
	W12	16.5	55	25	162	134B	23	4675	4675	—
480/70R30	W15L			657.7	4359	141A8	1.6	2575	2575	—
				25.8	171.6	141B	23	5670	5670	—
		479	1478			150A8	2.8	3350	—	2800
		18.9	58.2			144E	41	7380	—	6170
				668	4360	156A8	4	4000	4000	—
				26.3	171.7	156B	58	8820	8820	—
520/70R30	W16L	516	1536	668	4475	145A8	1.6	2900	2900	—
		20.3	60.5	26.2	176.1	145B	23	6395	6395	—
600/70R30	DW20B	611	1602	715	4680	152A8	1.6	3550	3550	—
		24.1	63.1	28.1	184.2	152B	24	7820	7820	—
480/70R34	W15L	479	1580	707.3	4678	143A8	1.6	2725	2725	—
		18.9	62.2	28	184.1	143B	23	6000	6000	—
480/70R34	DW15L	479	1580	725.5	4836	155A8	3.1	3875	3875	—
		18.9	62.2	28.6	190.4	155B	45	8540	8540	—
520/70R34	W16L	516	1640	743	4823	148A8	1.6	3150	3150	—
		20.3	64.6	29.3	189.9	148B	23	6940	6940	—
480/70R38	W15L	479	1681	751.4	4965	145A8	1.6	2900	2900	—
		18.9	66.2	29.5	195.4	145B	23	6390	6390	—

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in			mm in	mm in	Speed Symbol	bar psi	40 25
520/70R38	W16L	516	1755	797	5076	150A8	1.6	3350	3350	—
		20.3	69.1	31.4	199.8	150B	23	7380	7380	—
580/70R38	W18L	577 22.7	1835 72.2	828 32.6	5416 213.2	155A8	1.6	3875	3875	—
						155B	23	8540	8540	—
		180A8	5.4	8000	8000	—				
		180B	78	17640	17640	—				
710/70R38	DW23B	716 28.2	1958 77.1	902 35.5	5645 222.2	172A8	2.4	6300	6300	—
						172B	35	13560	13560	—
		178A8	3.4	7500						
		178B	49	16535						
800/70R38*						173*	-----UNDER DEVELOPMENT-----			
710/70R42	DW23B	716	2061	937.5	6153	173A8	2.4	6500	6500	—
		28.2	81.1	36.9	242.2	173B	35	14330	14330	—

385 AGRISTAR R-1W

385 Agri-star Radial tire is a part of the '85 Series and represents our focus on developing tires that meet the demands of extensive developments in the tractor industry. The tread-pattern is designed with specific lug construction and strength required for modern high HP/ speed tractors. Special focus is given to the flexibility characteristics of the tire. The 385 promises a smooth and comfortable ride. Strong textile casing combined with high quality tread and sidewall rubber compounding ensures better tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque;								Field operation	
								Road transport								Low Torque	
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6
380/80R38	W12	385	1596	738	4781	142A8	2.4	6100	3980	3260	2840	2650	2650	-	3710	3180	2840
	W13 W11	15.2	62.8	29.1	188.2	142B	35	13440	8770	7180	6260	5840	5840	-	8170	7000	6260
480/80R46	DW16L	485	1948	900	5832	158A8	2.4	9780	6380	5230	4550	4250	4250	-	5950	5100	4550
	W16L	19.1	76.7	35.4	229.6	158B	35	21540	14050	11520	10020	9360	9360	-	13110	11230	10020

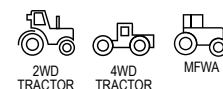
385 HIGH SPEED RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Not high and sustained torque;								Field operation							
		Road transport						Low Torque		High Tor							
		SW	OD	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12
320/85R20	W11	325	1044	465	3053	116D	1.6	2880	1880	1480	1440	1370	1310	1250	1920	1640	1470
	W10 W9	12.8	41.1	18.3	120.2	119A8	23	6340	4140	3260	3170	3020	2890	2750	4230	3610	3240
320/85R24	W11	325	1152	530	3458	119D	1.6	3130	2040	1610	1560	1490	1430	1360	2090	1790	1590
	W10 W9	12.8	45.4	20.8	136.1	122A8	23	6890	4490	3550	3440	3280	3150	3000	4600	3940	3500
340/85R24	W12	350	1185	542	3512	122D	1.6	3450	2250	1780	1730	1640	1580	1500	2300	1970	1750
	W11	13.8	46.7	21.3	138.2	125A8	23	7600	4960	3920	3810	3610	3480	3300	5070	4340	3850
380/85R24	W12	390	1256	566	3716	128D	1.6	4140	2700	2130	2070	1970	1890	1800	2760	2360	2110
	W13 W11	15.4	49.4	22.2	146.2	131A8	23	9120	5950	4690	4560	4340	4160	3960	6080	5200	4650
380/85R28	W12	385	1352	617	4016	130D	1.6	4370	2850	2250	2190	2080	2000	1900	2910	2500	2230
	W13 W11	15.2	53.2	24.3	158.1	133A8	23	9630	6280	4960	4820	4580	4410	4190	6410	5510	4910
420/85R28	W15L	450	1435	649	4220	136D	1.6	5150	3360	2650	2580	2450	2350	2240	3430	2940	2620
	W14L W13	17.7	56.5	25.6	166.2	139A8	23	11340	7400	5840	5680	5400	5180	4930	7560	6480	5770

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)															
								Speed, km/h (mph)															
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31	65 40	Field operation								
															Road transport						Low Torque		High Tor
															mm in	mm in	mm in	mm in					
420/85R30	W15L	453	1475	679	4415	137D	1.6	5290	3450	2730	2650	2520	2420	2300	3530	3020	2700						
	W14L W13	17.8	58.1	26.7	173.8	140A8	23	11650	7600	6010	5840	5550	5330	5070	7780	6650	5950						
380/85R34	W12	390	1520	694	4516	134D	1.6	4880	3180	2510	2440	2320	2230	2120	3250	2780	2480						
	W13 W11	15.4	59.8	27.3	177.8	137A8	23	10750	7000	5530	5370	5110	4910	4670	7160	6120	5460						
420/85R34	W15L W14L W13	450	1580	727	4694	139D	1.6	5590	3650	2880	2790	2660	2550	2430	3720	3190	2850						
						142A8	23	12310	8040	6340	6150	5860	5620	5350	8190	7030	6280						
						144D	2.1	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280						
						147A8	30	14190	9250	7310	7090	6760	6480	6170	9470	8110	7220						
460/85R34	W16L	486	1653	749.5	4893	144D	1.6	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280						
	W15L W14L	19.1	65.1	29.5	192.6	147A8	23	14190	9250	7310	7090	6760	6480	6170	9470	8110	7220						
420/85R38	W15L	446	1670	776	4961	141D	1.3	5920	3860	3050	2960	2820	2700	2575	3950	3380	3020						
	W14L W13	17.6	65.7	30.5	195.3	144A8	20.3	13040	8500	6720	6520	6210	5950	5670	8700	7440	6650						
460/85R38	DW15L	490	1755	806	5191	146D	1.6	6900	4500	3560	3450	3290	3150	3000	4610	3950	3520						
	W16L W15L W14L	19.3	69.1	31.7	204.4	149A8	23	15200	9910	7840	7600	7250	6940	6610	10150	8700	7750						
520/85R38	DW16L DW18L	522	1854	857	5522	152D	1.3	8170	5330	4210	4080	3890	3730	3550	5450	4670	4160						
						155A8	20.3	18000	11740	9270	8990	8570	8220	7820	12000	10290	9160						
						166D	3.2	12190	7950	6280	6100	5800	5570	5300	8120	6960	6210						
						169A8	46	26850	17510	13830	13440	12780	12270	11670	17890	15330	13680						
520/85R42 (20.8R42)	W15L DW18L	538	1956	901	5947	154D	1.6	8630	5630	4440	4310	4110	3940	3750	5750	4930	4400						
						157A8	23	19010	12400	9780	9490	9050	8680	8260	12670	10860	9690						
						165D	2.7	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030						
						168A8	40.6	26100	17030	13440	13040	12420	11920	11340	17400	14910	13280						
						170D	3.6	13800	9000	7110	6900	6570	6300	6000	9200	7880	7030						
						173A8	52	30400	19820	15660	15200	14470	13880	13220	20260	17360	15480						
420/80R46	W13 W12 W14	420	1861	861	5638	151D	2.4	7940	5180	4090	3970	3780	3620	3450	5290	4540	4040						
						154A8	35	17490	11410	9010	8740	8330	7970	7600	11650	10000	8900						
						159D	3.2	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130						
						162A8	46	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300						
480/80R50 Steel Belted	DW16L W15L W14L	480	2060	966	6278	159D	2.4	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130						
						162A8	35	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300						
						165D	3.2	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030						
		18.9	81.1	38	247.1	168A8	46	26100	17030	13440	13040	12420	11920	11340	17400	14910	13280						

FarmPRO II

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.



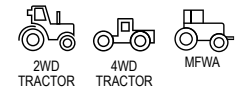
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load	
		SW	OD					Speed	
		mm in	mm in					Mixed application	
				mm in	mm in	Speed Symbol	bar psi	40 25	50 30
250/85R24	W8	246	1037	476	3067	109A8	1.6	1030	1030
	W7								
	W9	9.7	40.8	18.7	120.7	109B	23	2270	2270
280/85R24	W10	282	1086	495	3228	115A8	1.6	1215	1215
	9	11.1	42.8	19.5	127	115B	23	2680	2680
						122A8	1.6	1500	1500
320/85R24	W11	336	1148	513.3	3368	122B	23	3305	3305
	9,11	13.2	45.2	20.2	132.5	142A8	4.7	2650	2650
						142B	67	5840	5840
340/85R24	W12	356	1181	525	3452	125A8	1.6	1650	1650
	11	14	46.5	20.6	135.9	125B	23	3640	3640
380/85R24	W12	391	1245	557	3560	131A8	1.6	1950	1950
	11,13	15.3	49	21.9	140.1	131B	23	4300	4300
420/85R24	W15L	418	1324	591	3715	137A8	1.6	2300	2300
	13,14	16.5	52.1	23.3	146.2	137B	23	5070	5070
380/85R26 (14.9R26)	W12	380	1290	594	3800	127A8	1.6	1750	1750
	W11	15	50.8	23.4	149.6	127B	23	3860	3860
460/85R26 (18.4R26)	DW15L	465	1424	638	4224	140A8	1.6	2500	2500
	W16L	18.3	56.06	25.1	166.2	140B	23	5510	5510
250/85R28	W8	250	1137	524.5	3325	112A8	1.6	1120	1020
		9.8	44.8	20.7	130.9	112B	23	2470	2250
280/85R28	W9	280	1187	544.3	3564	118A8	1.6	1320	1320
	W10	11	46.7	21.4	140.3	118B	23	2910	2910
320/85R28	W11	324	1246	574.5	3633	124A8	1.6	1600	1600
	9,10	12.8	49.1	23	143	124B	23	3530	3530
340/85R28	W12	355	1289	591	3820	127A8	1.6	1750	1750
	11	14	51	22.2	150.4	127B	23	3860	3860
380/85R28	W12	380	1352	607.1	3990	133A8	1.6	2060	2060
	11	15	53.2	23.9	157	133B	23	4540	4540
420/85R28	W15L	438	1420	627.4	4178	139A8	1.6	2430	2430
	13,14	17.2	55.9	24.7	164.4	139B	23	5355	5355
380/85R30	W12	380	1408	627.6	4111	135A8	1.6	2180	2180
	15	55.4	24.7	162		135B	23	4800	4800
420/85R30	W15L	431	1468	658	4306	140A8	1.6	2500	2500
	13,14	17	57.8	25.9	169.5	140B	23	5510	5510
420/90R30	DW13	418	1518	670.9	4531	147A8	2.4	3075	3075
		16.5	59.8	26.4	178.3	147B	35	6770	6770
460/85R30	DW15L	478	1524	684	4529	145A8	1.6	2900	2900
	W16 W15L	18.8	60	26.9	178.3	145B	23	6393	6393
320/85R32						126A8	1.6	1700	1700
						126B	23	3750	3750
						133A8* 133B			
320/85R34	W11	325	1407	650	4210	133A8/B	2.4	2060	2060
		12.8	55.4	25.6	165.7		35	4540	4540
380/85R34	W12	380	1510	676.5	4441	137A8	1.6	2300	2300
	15	59.4	26.6	175		137B	23	5070	5070
420/85R34	W15	418	1578	715	4614	142A8	1.6	2650	2650
	13,14	16.4	62	28.1	181.6	142B	23	5840	5840
460/85R34						147A8	1.6	3075	3075
						147B	23	6780	6780
	W16L	479	1637	733	4792	157A8	3	4125	4125
	14,15	18.9	64.4	28.9	189	157B	44	9090	9090
320/85R36	W11	325	1458	660	4371	128A8	1.6	1800	1800
	W9 W10	12.8	57.4	26	172	128B	23	3970	3970
340/85R36		345	1495	689	4335	132A8	1.6	2000	2000
	W12	13.6	58.9	27.1	170.6	132B	23	4410	4410

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load	
		SW	OD					Speed	
								Mixed application	
								mm in	mm in
340/85R38	W12	345 13.6	1543 60.7	732.4 29	4740 187	133A8	1.6	2060	2060
						133B	23	4540	4540
						151A8	4.5	3450	3450
						151B	64	7610	7610
380/80R38	W12	390 15.3	1569 62	728 28.7	4738 186.5	142A8	2.4	2650	2650
						142B	35	5840	5840
						152A8	4	3550	3550
						152B	58	7830	7830
400/75R38 (15.5R38)	W13 W14L	400 15.74	1570 61.81	730.3 28.75	4642 182.75	152 A8* (Des.846)	-----UNDER DEVELOPMENT-----		
						134A8 131B*			
						134A8	1.6	2120	2120
						134B	23	4670	4670
420/85R38	W15L 13,14	415 16.3	1680 66.1	655 26	4949 195	144A8	1.6	2800	2800
						144B	23	6170	6170
460/85R38	W16L 14, DW15L	455 17.9	1740 68.5	802.8 31.6	5118 201.5	149A8	1.6	3250	3250
						149B	23	7165	7165
						153A8	2.4	3650	3650
						153B	35	8050	8050
						167A8	4.5	5450	5450
						167B	64	12240	12240
520/85R38	DW16L DW18L	525 20.7	1850 72.8	789.9 31	5422 213.4	155A8	1.6	3875	3875
				836.4 32.9	5521 217.3	155B	23	8545	8545
						169A8	3.6	5800	5800
						169B	52	12787	12787
480/80R42	DW16L DD16L	479 18.9	1835 72.2	841 33.1	5386 212	151A8	1.6	3450	3450
				843.7 33.2	5641 222	151B	23	7600	7600
						169A8	4.5	5800	5800
						169B	64	12780	12780
520/85R42	DW16L DD18L	516 20.3	1951 76.8	902.7 35.5	5776 227.4	157A8	1.6	4125	4125
						157B	23	9090	9090
						169A8	3.4	5800	5800
						169B	49	12785	12785
480/80R46 (18.4R46)	DW16L	479 18.8	1936 76.2	892 35.1	5788 227.8	158A8	2.4	4250	4250
				910 35.8	5994 235.9	158B	35	9350	9350
						176A8	5.1	7100	7100
						176B	74	15650	15650
520/85R46	DW16L	516 20.3	2049 80.7	905.5 35.6	5977 235.3	158A8	1.6	4250	4250
						158B	23	9360	9360

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)					
		mm in	mm in				mm in	mm in	Bar psi	Static	10 6	25 16	30 19
420/85R26	W15L	429	1370	626	4072	135A8	1.6	5010	3270	2420	2330	2180	2180
	W14L	16.9	53.9	24.6	160.3	135B	23	11050	7210	5340	5140	4810	4810

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	mm in	mm in	Bar psi	Static	10 6	15 9	20 12	30 19	35 22	40 25
680/85R32	DW21B	666	1962	894	5878	173A8	2.4	14950	9750	8710	7995	6955	6695	6500	6500
	DW20B	26.2	77.2	35.2	231.4		35	32960	21500	19200	17630	15330	14760	14330	14330

FarmPRO RADIAL 85 R-1W

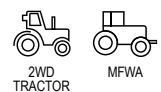


FarmPRO '85 Series of agricultural radial tires have multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead 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	Infl. press.	Recommended Load	
								Speed	
		SW	OD					Mixed application	
		mm in	mm in					mm in	mm in
280/85R20	W10	329	1052	468.3	3013	112A8	1.6	1120	1120
	W9	12.95	41.4	18.4	118.6	112B	23	2470	2470
320/85R20	W11	329	1052	468.3	3013	119A8	1.6	1360	1360
	W9 W10	12.9	41.4	18.4	118.6	119B	23	2992	2992
340/85R24	W12	356	1181	525	3452	125A8	1.6	1650	1650
	11	14	46.5	20.6	135.9	125B	23	3640	3640
280/85R28	W9	280	1187	544.3	3564	118A8	1.6	1320	1320
	W10	11	46.7	21.4	140.3	118B	23	2910	2910
380/85R28	W12	380	1352	607.1	3990	133A8	1.6	2060	2060
	11	15	53.2	23.9	157	133B	23	4540	4540
380/85R30	W12	380	1408	627.6	4111	135A8	1.6	2180	2180
		15	55.4	24.7	162	135B	23	4800	4800
420/85R30	W15L	431	1468	658	4306	140A8	1.6	2500	2500
	13,14	17	57.8	25.9	169.5	140B	23	5510	5510
320/85R36	W11	325	1458	660	4371	128A8	1.6	1800	1800
	W9 W10	12.8	57.4	26	172	128B	23	3970	3970
340/85R36	W12	345	1495	689	4335	132A8	1.6	2000	2000
		13.6	58.9	27.1	170.6	132B	23	4410	4410
320/85R38	W11	325	1509	701	4532	143A8	3.6	2725	2725
	W9 W10 Alt.	12.8	59.4	27.6	178.4	143B	52	6000	6000
340/85R38	W12	345	1543	732.4	4740	133A8	1.6	2060	2060
						133B	23	4540	4540
						151A8	4.5	3450	3450
						151B	64	7610	7610
520/85R38	DW16L DW18L	525	1850	789.9	5422	155A8	1.6	3875	3875
				31	213.4	155B	23	8545	8545
				836.4	5521	169A8	3.6	5800	5800
				32.9	217.3	169B	52	12787	12787
520/85R46	DW16L	516	2049	905.5	5977	158A8	1.6	4250	4250
		20.3	80.7	35.6	235.3	158B	23	9360	9360

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)								
		SW	OD					Speed, km/h (mph)								
								Mixed application								
								mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19
14.9LR20 (375/75R20)	W13	378	1075	481	3156	119A8	1.6	3130	2040	1510	1460	1360	1250	—	—	—
		14.9	42.3	18.9	124.3		23	6890	4490	3330	3220	3000	2750	—	—	—
16.9R30	W15	429	1475	667	4357	137A8	1.6	5290	3450	2550	2460	2300	2110	—	—	—
		16.9	58.1	26.3	171.5		23	11650	7600	5620	5420	5070	4650	—	—	—

550 MULTIUSE

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.



Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	Load Index Speed Symbol	Infl. press. Bar psi	Recommend load, kg (lbs) Speed, km/h (mph)									
		SW mm in	OD mm in					Constant load								Cyclic Applications	
								Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	15 9	
440/80R30 (16.9R 30)	DW14L DW15L DW16L	434 17.1	1468 57.8	666 26.2	4436 174.6	153D 157A8	3.2 46	9490 20900	5160 11370	4500 9910	4350 9580	4125 9090	3940 8680	3650 8040	7010 15440	6390 14070	
480/80R30 (18.4R 30)	DW15L DW16L DW18L	470 18.5	1531 60.3	695 27.4	4615 181.7	157D 162A8	3.2 46	10930 24070	5940 13080	5180 11410	5010 11040	4750 10460	4540 10000	4125 9090	8080 17800	7360 16210	
540/65R30	DW18L DW16L	550 21.7	1464 57.6	678 26.7	4481 176.4	161A8 156D	3.2 46	10640 23440	5780 12730	5040 11100	4880 10750	4625 10190	4420 9740	4000 8810	7860 17310	7170 15790	
600/70R30	DW20 DW18L W18L	611 24.1	1602 63.1	727 28.6	4792 188.7	158D 161A8	2.4 35	10640 23440	5780 12730	5040 11100	4880 10750	4625 10190	4420 9740	4250 9360	7860 17310	7170 15790	
440/80R34 (16.9R 34)	DW14 DW15L DW16L	441 17.4	1568 61.7	721 28.3	4739 186.5	155D 159A8	3.2 46	10060 22160	5470 12050	4770 10510	4620 10180	4375 9640	4180 9210	3875 8540	7440 16390	6780 14930	
480/80R34 (18.4R 34)	DW15L DW13 DW13L DW14L DW16L	479 18.9	1632 64.2	739 29	4933 194.2	159D 164A8	3.2 46	11500 25330	6250 13770	5450 12000	5280 11630	5000 11010	4780 10530	4375 9640	8500 18720	7750 17070	
480/80R38 (18.4R 38)	W15L DW16A	479 18.9	1728 68	784.7 30.8	5250 206.7	161D 166A8	3.2 46	12190 26850	6630 14600	5780 12730	5590 12310	5300 11670	5060 11150	4625 10190	9010 19850	8220 18110	
540/80R38 (20.8R 38)	DW18L DW16L	546 21.5	1824 71.8	832 32.8	5536 217.9	167D 172A8	3.2 46	14490 31920	7880 17360	6870 15130	6650 14650	6300 13880	6020 13260	5450 12000	10710 23590	9770 21520	
600/65R38	DW18L DW20B	593 23.3	1749 68.9	793 31.2	5270 207.5	166D 170A8	3.2 46	13800 30400	7500 16520	6540 14410	6330 13940	6000 13220	5730 12620	5300 11670	10200 22470	9300 20480	
650/65R38	DW20B DW18L DW23B	645 25.4	1814 71.4	818 32.2	5445 214.4	170D 175A8	3.2 46	15870 34960	8630 19010	7520 16560	7280 16040	6900 15200	6590 14520	6000 13220	11730 25840	10700 23570	
650/85R38	DW23B DW21B DW20A	673 26.5	2067 81.4	913 35.9	6230 245.3	177D 181A8	2.4 35	18980 41810	10310 22710	8990 19800	8700 19160	8250 18170	7880 17360	7300 16080	14030 30900	12790 28170	
620/80R42	DW20B	625 24.6	2055 80.9	948 37.3	6201 244.1	177D 181A8	3.2 46	18980 41810	10310 22710	8990 19800	8700 19160	8250 18170	7880 17360	7300 16080	14030 30900	12790 28170	
650/65R42	DW20 DW18L	645 25.3	1913 75.3	872 34.3	5766 227	176A8 171D	3.2 46	16330 35970	8880 19560	7740 17050	7490 16500	7100 15640	6780 14930	6150 13550	12070 26590	11010 24250	
710/70R42	DW23B	716 28.2	2053 80.8	939 37	6187 243.6	177D 181A8	2.8 41	18980 41810	10310 22710	8990 19800	8700 19160	8250 18170	7880 17360	7300 16080	14030 30900	12790 28170	

551 MULTIUSE PROFESSIONAL

R-3



Alliance 551 is designed for excellent performance on ice and snow. The special design of the block and sipes ensures that it works equally well on dry / hard surfaces also. The high roadability, handling and comfort properties contribute to lower noise level and provide better environment to the driver. Smooth and comfortable riding is provided by the well-proven construction and new upgraded compound.



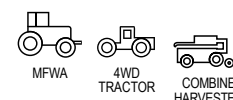
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Constant Load						
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40
360/80R24	DW11	357	1186	546	3564	138D	3.2	6270	3410	2890	2830	2725	2560	2360
	DW10 DW12	14.1	46.7	21.5	140.3	143A8	46	13820	7520	6370	6240	6010	5640	5200
400/80R24	DW13 DW12	404	1250	572	3710	144D	3.2	7480	4060	3450	3380	3250	3060	2800
	DW14L	15.9	49.2	22.5	146.1	149A8	46	16480	8940	7600	7440	7160	6740	6170
420/65R24	DW13 DW14L	428	1156	525	3471	146D	4	7940	4310	3660	3590	3450	3240	3000
	DW12	16.9	45.5	20.7	136.7	151A8	58	17510	9500	8070	7920	7610	7140	6610
440/80R24	DW14L	441	1314	596	3942	149D	3.2	8630	4690	3980	3900	3750	3530	3250
	DW15L	17.4	51.7	23.5	155.2	154A8	46	19010	10330	8770	8590	8260	7780	7160
400/80R28	DW13	404	1355	620	4049	146D	3.2	7940	4310	3660	3590	3450	3240	3000
		15.9	53.3	24.4	159.4	151A8	46	17490	9490	8060	7910	7600	7140	6610
440/80R28	DW14L DW15L	440	1418	648	4240	151D	3.2	9200	5000	4240	4160	4000	3760	3450
	DW16L	17.3	55.8	25.5	166.9	156A8	46	20260	11010	9340	9160	8810	8280	7600
540/65R30	DW18L	545	1464	674	4413	156D	3.2	10640	5780	4900	4810	4625	4350	4000
	DW16L	21.5	57.6	26.5	173.7	161A8	46	23440	12730	10790	10590	10190	9580	8810
440/80R34	DW14L	440	1570	723	4746	155D	3.2	10060	5470	4640	4550	4375	4110	3875
	DW15L	17.3	61.8	28.5	186.9	159A8	46	22160	12050	10220	10020	9640	9050	8540
480/80R34	DW15L	468	1640	753	4955	159D	3.2	11500	6250	5300	5200	5000	4700	4375
		18.4	64.6	29.6	195.1	164A8	46	25330	13770	11670	11450	11010	10350	9640
480/80R38	W15L	479	1733	796	5262	161D	3.2	12190	6630	5620	5510	5300	4980	4625
	DW16L	18.9	68.2	31.3	207.2	166A8	46	26870	14620	12390	12150	11680	10980	10200
540/80R38	DW18L	550	1829	839	5543	167D	3.2	14490	7880	6680	6550	6300	5920	5450
	DW16L	21.7	72	33	218.2	172A8	46	31950	17370	14730	14440	13890	13050	12020
650/65R42	DW20B	635	1913	881	5779	171D	3.2	16330	8880	7530	7380	7100	6670	6150
	DW18L	25	75.3	34.7	227.5	176A8	46	35970	19560	16590	16260	15640	14690	13550

AGRI-STAR 374

R-2

SG

STUBBLE GUARD



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 Speed Symbol	Infi press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Mixed application				
				mm in	mm in		mm in	mm in	Bar psi	Static	10 6	25 16
420/90R30	DW13L	429	1529	685.5	4275	142A8	1.6	7660	3550	2940	2840	2650
		16.9	60.2	27.0	168.3		23	16870	7820	6480	6260	5840
460/85R30 (18.4R30)	W16	466.0	1588.0	715.9	4569.0	145A8	1.6	8380	3890	3220	3100	2900
		18.3	62.5	28.2	179.9		23	18480	8580	7100	6830	6390
620/75R30 (23.1R30)	DW20B	600.0	1740.0	768.3	4923.0	151A8	1.4	9970	4620	3830	3690	3450
		23.6	68.5	30.2	193.8		20	21980	10190	8440	8140	7610
480/70R34	W15L	479	1606	739.6	4681	155A8	3.2	11200	5190	4300	4150	3875
		18.9	63.2	29.1	184.3		46	24670	11430	9470	9140	8540
340/85R38 (13.6R38)	W12	350.0	1580.0	734.9	4606.0	132A8	1.6	5780	2680	2220	2140	2000
		13.8	62.2	28.9	181.3		23	12740	5910	4890	4720	4410
520/85R42	DW16L	516	1985	913.2	5800	165A8	2.8	14880	6900	5720	5510	5150
	W16L	20.3	78.1	35.9	228.3		41	32780	15200	12600	12140	11340

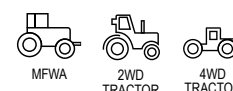
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)				
								Speed, km/h (mph)				
		SW	OD					Mixed application				
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25
340/85R46 (13.6R46)	W12	350.0	1780.0	834.5	5238.0	140A8	2	7230	3350	2780	2680	2500
		13.8	70.1	32.8	206.2		29	15940	7390	6130	5910	5510
480/80R46	DW16L	479	1963	910	5761	158A8	2.4	12280	5700	4720	4550	4250
		18.9	77.28	35.8	226.8		35	27050	12560	10400	10020	9360
520/85R46	DW16L	479	2050	946	5961	158A8	1.6	12280	5700	4720	4550	4250
	W15	18.5	80.7	37.2	234.7		23	27050	12560	10400	10020	9360
480/80R50	DW16L	479	2064	961	6088	159A8	2.4	12640	5860	4860	4680	4375
	DW15L											
	DW16L	18.9	81.3	37.8	239.7		35	27840	12910	10700	10310	9640

AGRI STAR II - 65/70 SERIES

R-1/R-1W

SG

STUBBLE
GUARD



The high speed 'D' 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.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load						
								Speed						
		SW	OD					Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph
		mm in	mm in	mm in	mm		bar psi							
260/70R16	W8	262	776	905.8	2338	109D	3.37	2370	1550	1220	1180	1130	1080	1030
	W8L,W9	10.31	30.55	35.66	92.05		49	5220	3410	2690	2600	2490	2380	2270
280/70R16	W18L	285	804	371.1	2399	112D	2.4	2580	1680	1330	1290	1230	1180	1120
	W8,W9,W10	11.22	31.65	14.61	94.45		35	5680	3700	2930	2840	2710	2600	2470
280/70R18	W9	285	855	393	2581	114D	2.4	2710	1770	1400	1360	1290	1240	1180
	W8,W10	11.22	33.66	15.47	101.61		35	5970	3900	3080	3000	2840	2730	2600
280/70R20	W9	285	906	421	2731	116D	2.4	2880	1880	1480	1440	1370	1310	1250
	W8,W10	11.22	35.67	16.55	107.52		35	6340	4140	3260	3170	3020	2890	2750
300/70R20	W9	300	956	438	2868	120D	2.4	3220	2100	1660	1610	1530	1470	1400
	W10	11.81	37.64	17.24	112.91		35	7090	4630	3660	3550	3370	3240	3080
320/70R20	W10	322	986	457	2943	123D	2.4	3570	2330	1840	1780	1700	1630	1550
	W9,W11	12.68	38.82	17.98	115.87		35	7860	5130	4050	3920	3740	3590	3410
360/70R20	W11	360	1046	473.5	3079	129D	2.4	4260	2780	2190	2130	2030	1940	1850
	W10,W12	14.17	41.18	18.64	121.22		35	9380	6120	4820	4690	4470	4270	4070
380/70R20	W12	382	1086	493	3169	122D	1.6	3450	2250	1780	1730	1640	1580	1500
	W11,W13	15.04	42.76	19.41	125		23	7600	4960	3920	3810	3610	3480	3300
320/70R24	W10	322	1098	508	3236	116D	1.6	2880	1880	1480	1440	1370	1310	1250
	W9,W11	12.68	43.23	20	127.4		23	6340	4140	3260	3170	3020	2890	2750
360/70R24	W11	360	1156	525	3435	122D	1.6	3450	2250	1780	1730	1640	1580	1500
	W10,W12	14.17	45.51	20.67	135.2		23	7600	4960	3920	3810	3610	3480	3300
380/70R24	W12	385	1194	548	3481	125D	1.6	3800	2480	1960	1900	1810	1730	1650
	W11,W13	15.16	47.01	21.57	137.05		23	8370	5460	4320	4190	3990	3810	3630
420/70R24	W13	425	1250	560	3690	130D	1.6	4370	2850	2250	2190	2080	2000	1900
	W12,W14L	16.73	49.21	22.05	145.28		23	9630	6280	4960	4820	4580	4410	4190
480/70R24	W15L	482	1324	592	3889	138	1.6	5430	3540	2800	2710	2580	2480	2360
	W14L,W16L	18.98	52.13	23.31	153.11		23	11960	7800	6170	5970	5680	5460	5200
360/70R28	W11	357	1251	570	3716	125D	1.6	3795	2475	1955	1807	1733	1650	1502
	W10X28, W12X28	14.1	49.3	22.4	146.3		23	8370	5460	4310	3980	3820	3640	3310
380/70R28	W12	385	1295	595	3796	127D	1.6	4030	2630	2070	2010	1920	1840	1750
	W11,W13	15.16	50.98	23.43	149.45		23	8880	5790	4560	4430	4230	4050	3850
480/70R28	W14L,W16L	482	1425	643	4211	140D	1.6	5750	3750	2960	2880	2740	2630	2500
							23	12670	8260	6520	6340	6040	5790	5510
						151D	3.2	7940	5180	4090	3970	3780	3620	3450
							46	17510	11420	9020	8750	8330	7980	7610
600/70R28	DW20B	614	1555	708.6	4652	161D	2.8	10640	6940	5480	5320	5060	4860	4625
	DW18L,W18L	24.17	61.22	27.9	183.15		41	23440	15290	12070	11720	11150	10700	10190

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW mm in	OD mm in					Speed						
								Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph
420/70R30	W13 W12,W14L	425	1402	638	4163	134D	1.6	4880	3180	2510	2440	2320	2230	2120
		16.73	55.2	25.12	163.9		23	10750	7000	5530	5370	5110	4910	4670
480/70R30	W15L W14L,W16L	482 18.98	1480 58.27	693.2 27.2	4441 174.8	141D	1.6	5920	3860	3050	2960	2820	2700	2575
							23	13040	8500	6720	6520	6210	5950	5670
						150D	2.8	7710	5030	3970	3850	3670	3520	3350
							41	17000	11090	8750	8490	8090	7760	7390
						156D	3.8	9200	6000	4740	4600	4380	4200	4000
							55	20280	13230	10450	10140	9660	9260	8820
520/70R30	W16L W15L W18L	516 20.3	1536 60.5	689 27.1	4496 177	145D	1.6 23	6670 14710	4350 9590	3437 7580	3176 7000	3045 6710	2900 6390	2639 5820
600/70R30	DW20 DW18L,W18L	614 24.17	1605 63.19	706 27.8	4710 185.43	152D	1.6 23	8170 18000	5330 11740	4210 9270	4080 8990	3890 8570	3730 8220	3550 7820
480/70R34	W15L W14L,W16L	482 18.98	1580 62.2	700 27.56	4664 183.62	143D	1.6	6270	4090	3230	3130	2980	2860	2725
				733.1 28.8	4781 188.2	155D	3.2	8910	5810	4590	4460	4240	4070	3875
							46	19640	12810	10120	9830	9350	8970	8540
520/70R34	W16 W15L,W18L	520 20.47	1640 64.57	745 29.33	4891 192.6	148D	1.6	7250	4730	3730	3620	3450	3310	3150
				763.4 30	5087 200.2	168D	4.8	12880	8400	6640	6440	6130	5880	5600
							70	28400	18520	14640	14200	13510	12960	12350
480/70R38	W15L W14L,W16L	482 18.98	1681 66.18	777 30.59	5020 197.63	145D	1.6 23	6670 14690	4350 9580	3440 7580	3340 7360	3180 7000	3050 6720	2900 6390
520/70R38	W16L W15L,W18L	520 20.47	1750 68.9	786 30.94	5175 203.74	150D	1.6 23	7710 16980	5030 11080	3970 8740	3850 8480	3670 8080	3520 7750	3350 7380
580/70R38	W18L DW18L	580 22.8	1827 71.93	830 32.68	5435 213.98	155D	1.6	8910	5810	4590	4460	4240	4070	3875
							23	19630	12800	10110	9820	9340	8960	8540
						170D	4	13800	9000	7110	6900	6570	6300	6000
							58	30400	19820	15660	15200	14470	13880	13220
						180D	5.5	18400	12000	9480	9200	8760	8400	8000
710/70R38	DW23B DW25B	720 28.35	1959 77.13	839.5 33.05	5781 227.6	172D	2.4	14490	9450	7470	7250	6900	6620	6300
				905.8 35.6	5961 234.6	178D	3.4	31920	20810	16450	15970	15200	14580	13880
							49	38030	24800	19600	19030	18100	17370	16540
580/70R42	18	577 22.7	1879 74	850 33.5	5627 221.5	158D	1.6 23	9775 21550	6375 14050	5036 11100	4654 10260	4463 9840	4250 9370	3868 8530
710/70R42	DW23B DW25B	720 28.35	2061 81.14	951.4 37.45	6202 244.17	173D	2.4 35	14950 32930	9750 21480	7700 16960	7480 16480	7120 15680	6830 15040	6500 14320

Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumfer- ence	Load Index PR Symbols	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
		mm	mm	Tractor Application											
		in	in	in	mm	bar	Static	10	25	30	40	50	65	70	
							psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
240/70R16	W8 W8L	732	742	338	2298	104D	2.4	2070	1350	1067	1035	986	945	900	819
	W9	28.8	29.2	13.3	90.5		35	4560	2980	2350	2280	2170	2080	1980	1810
260/70R20	W8	258	872	395.3	2588	113D	2.4	2645	1725	1363	1323	1259	1208	1150	1047
		10.2	34.3	15.6	101.9		35	5831	3803	3005	2917	2776	2663	2535	2308
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	
420/70R24	W13	425	1250	560	3690	130D	1.6	4370	2850	2252	2185	2081	1995	1900	
							23	9634	6283	4965	4817	4588	4398	4189	
420/70R28	W13, W12	425	1354	619	3968	133D	1.6	4738	3090	2441	2369	2256	2163	2060	
		16.7	53.3	24.4	156.2		23	10450	6810	5380	5220	4970	4770	4540	
420/70R28	W13	425	1354	618	3940	133D	1.6	4738	3090	2441	2369	2256	2163	2060	
	W12	16.7	53.3	24.3	155.1		23	10450	6810	5380	5220	4970	4770	4540	
480/70R28	W15L W14L	482	1425	643	4211	151D	3.2	7940	5180	4090	3970	3780	3620	3450	
	W16L	19	56.1	25.3	165.8		46	17510	11420	9020	8750	8330	7980	7610	
480/70R28	W15L	482	1425	643	4111	140D	1.6	5750	3750	2963	2875	2738	2625	2500	
					161.9		23	12680	8270	6530	6340	6040	5790	5510	
480/70R28	W15L	482	1425	643	4220	140D	1.6	5750	3750	2963	2875	2738	2625	2500	
					166.1		23	12680	8270	6530	6340	6040	5790	5510	
480/70R30	W15L	482	1480	667.6	4412	141D	1.6	6219	3863	3051	2961	2820	2704	2575	
	W14L W16L	19	58.3	26.3	173.7		23	13711	8516	6726	6528	6217	5961	5677	
600/70R30	DW20	614	1605	706	4710	152D	1.6	8165	5325	4207	4083	3887	3728	3550	
	DW18L	24.2	63.2	27.8	185.4		23	18000	11740	9280	9000	8570	8220	7830	

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load							
		SW	OD					Speed							
		mm in	mm in					Tractor Application							
600/70R30	DW20	614	1605	717	4809	152D	1.6	8165	5325	4207	4083	3887	3728	3550	
	DW18L	24.2	63.2	28.2	189.3		23	18000	11740	9280	9000	8570	8220	7830	
480/70R34	W15L, W14L	482	1580	733	4781	143D	1.6	6268	4088	3229	3134	2984	2861	2725	
	W16LW15	19	62.2	28.9	188.2		23	13820	9010	7120	6910	6580	6310	6010	
480/70R34	W15L	482	1580	700	4626	143D	1.6	6268	4088	3229	3134	2984	2861	2725	
		19	62.2	27.6	182.1		23	13820	9010	7120	6910	6580	6310	6010	
480/70R34	W15L, W14L	482	1580	731	4821	143D	3.2	8913	5813	4592	4456	4243	4069	3875	
	W16L W15	19	62.2	28.8	189.8		46	19650	12820	10120	9820	9350	8970	8540	
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	14705	9590	7577	7352	7002	6713	6393	
580/70R38	W18L	580	1827	830	5328	155	1.6	8913	5813	4592	4456	4243	4069	3875	
		22.8	71.9	32.7	209.8		23	19650	12815	10124	9824	9354	8971	8543	
800/70R38	W15L	823	2085	924	6070	173D	1.6	14950	9750		7475	7118	6825	6500	
		32.4	82.1	36.4	239		23	32960	21500		16480	15690	15050	14330	
800/70R38	W15L	823	2085	924	6070	173D	1.6	14950	9750		7475	7118	6825	6500	
		32.4	82.1	36.4	239		23	32960	21500		16480	15690	15050	14330	

65 SERIES

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load							
		SW	OD					Speed							
		mm in	mm in					Tractor Application							
420/65R28		418	1257	578	3770	135D	2.4	5014	3270		2583	2507	2387	2289	2180
		16.5	49.5	22.8	148.4		35	11050	7210		5700	5530	5260	5050	4810
540/65R28	W16L,	530	1413	0	4190	149D	2.4		3575	3380		3315	3250	3250	3250
	W18L	20.9	55.6	0	165		35		7880	7450		7310	7170	7170	7170

AGRI-STAR II - 80/85/90/95 SERIES

R-1W

SG
STUBBLE
GUARD

The high speed 'D' 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.



Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW	OD					Speed						
		mm in	mm in					Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph
280/85R20	W10	292	984	449	2906	112D	1.6	2576	1680	1327	1288	1226	1176	1120
		11.5	38.7	17.7	114.4		23	5680	3700	2930	2840	2700	2590	2470
320/85R20	W11	333	1055	480	3108	119D	1.6	3130	2040	1610	1560	1490	1430	1360
	W9 W10	13.1	41.5	18.9	122.4		23	6900	4500	3550	3440	3290	3150	3000
280/85R24	W10	302	1090	502	3252	115D	1.6	2790	1820	1440	1400	1330	1280	1215
	W9	11.89	42.91	19.76	128.03		23	6150	4010	3170	3080	2930	2820	2680
280/85R28	W10	302	1191	553	3581	118D	1.6	3040	1980	1560	1520	1450	1390	1320
	W9	11.89	46.89	21.77	140.98		23	6700	4360	3440	3350	3190	3060	2910
320/85R28	W11	333	1257	502	3737	124D	1.6	3680	2400	1900	1840	1750	1680	1600
	W9, W10	13.11	49.49	19.76	147.13		23	8110	5290	4190	4050	3850	3700	3520
380/85R30	W12	385	1410	642	4208	135D	1.6	5010	3270	2580	2510	2390	2290	2180
	W11, W13	15.16	55.51	25.26	165.67		23	11040	7200	5680	5530	5260	5040	4800
420/85R30	W15L	443	1476	675	4383	140D	1.6	5750	3750	2960	2880	2740	2630	2500
	W13 W14L	17.4	58.1	26.6	172.5		23	12680	8270	6530	6350	6040	5800	5510
460/85R30	W15L W16L	480	1544	697	4575	145D	1.6	6670	4350	3440	3340	3180	3050	2900
	W14L W15L	18.9	60.8	27.43	180.1		23	14710	9590	7580	7360	7010	6720	6390
320/85R32	W11	333	1359	629	4090	126D	1.6	3910	2550	2010	1960	1860	1790	1700
	W10 W9	13.1	53.5	24.8	161		23	8620	5620	4430	4320	4100	3950	3750

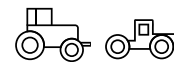
Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW	OD					Speed						
		mm in	mm in					Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph
380/85R34	W12 W11,W13	385	1510	699	4513	137D	1.6	5290	3450	2730	2650	2520	2420	2300
		15.16	59.45	27.52	177.68		23	11650	7600	6010	5840	5550	5330	5070
320/85R36	W11 W9 W10 DW11	333	1460	680	4369	128D	1.6	4140	2700	2130	2070	1970	1890	1800
		13.1	57.5	26.8	172		23	9130	5950	4700	4560	4340	4170	3970
340/85R36	W12 W11	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 W9 W10 DW11	333	1511	714	4581	143D	3.6	6270	4090	3230	3130	2980	2860	2725
		13.1	59.5	28.1	180.4		52	13820	9020	7120	6900	6570	6310	6010
340/85R38	W12 W11	355 14	1546 60.9	727 28.6	4703 185.2	133D	1.6	4740	3090	2440	2370	2260	2160	2060
							23	10450	6810	5380	5230	4980	4760	4540
						151D	4.4	7940	5180	4090	3970	3780	3620	3450
							64	17510	11420	9020	8750	8330	7980	7610
						142D	2.4	6100	3980	3140	3050	2900	2780	2650
							35	13440	8770	6920	6720	6390	6120	5840
460/85R38	W12 W16L W14L	385 15.16	1575 62.01	738 29.06	4821 189.8	*152D								
						149D	1.6	7480	4880	3850	3740	3560	3410	3250
							23	16480	10750	8480	8240	7840	7510	7160
						167D	4.4	12540	8180	6460	6270	5970	5720	5450
							64	27650	18030	14240	13820	13160	12610	12020
						169D	3.6	13340	8700	6870	6670	6350	6090	5800
520/85R38	DW16L DW18L	520 20.5	1850 72.8	838 33	5537 218		52	29410	19180	15150	14710	14000	13430	12790
						155D	1.6	8910	5810	4590	4460	4240	4070	3875
							23	19640	12810	10120	9830	9350	8970	8540
						173D	2.4	14950	9750	7700	7480	7120	6830	6500
650/85R38	DW23B DW21B DW20B	680	2072	954	6201		35	32960	21500	16980	16490	15700	15060	14330
		26.8	81.6	37.54	244.1	151D	1.6	7940	5180	4090	3970	3780	3620	3450
480/80R42	DW16L W16L,DD16L	494	1830	843	5429		23	17490	11410	9010	8740	8330	7970	7600
		19.45	72.05	33.19	213.74	*169D								
520/85R42	DW16L DW18L	520 20.5	1952 76.9	894.4	5819	157D	1.6	9490	6190	4890	4740	4520	4330	4125
				35	229		23	20920	13650	10780	10450	9970	9550	9090
				909.1	5986	169D	3.6	13340	8700	6870	6670	6350	6090	5800
				36	235.6		52	29410	19180	15150	14710	14000	13430	12790
480/80R46	DW16L W15L,W16L, DW15L,DW14L	494	1960	909	5873	158D	2.4	9780	6380	5040	4890	4650	4460	4250
		19.45	77.17	35.79	231.22		35	21540	14050	11100	10770	10240	9820	9360
520/85R46	DW16L DW18L	520	2054	939.55	6137	158D	1.6	9780	6380	5040	4890	4650	4460	4250
		20.5	80.9	37	241.6		23	21560	14070	11110	10780	10250	9830	9370
480/80R50	DW16L DW15L W16L	464	2060	932	6146	159D	2.4	10060	6560	5180	5030	4790	4590	4375
		19.4	81.1	36.7	242		35	22180	14460	11420	11090	10560	10120	9650

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load							
		SW mm in	OD mm in					Speed							
								Tractor Appliation							
								Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph	70 kmph
250/85R24	248	1035	477	3065	109D	1.6	2369	1545	1221	1185	1128	1082	1030	937	937
320/85R24	333	1156	527	3462	122	1.6	3450	2250	1778	1725	1643	1575	1500	-	1875
	13.1	45.5	20.7	136.3		23	7610	4960	3920	3800	3620	3470	3310	-	4130
320/85R24	333	1156	527	3404	122	1.6	3450	2250	1778	1725	1643	1575	1500	-	3981
	13.1	45.5	20.7	134		23	7610	4960	3920	3800	3620	3470	3310	-	8780
320/85R24	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	355	1192	550	3481	125D	1.6	3795	2475	1955	1898	1807	1733	1650	-	-
	14	46.9	21.7	137		23	8370	5460	4310	4180	3980	3820	3640	-	-
340/85R24	355	1192	550	3510	125D	1.6	3795	2475	1955	1898	1807	1733	1650	-	-
	14	46.9	21.7	138		23	8370	5460	4310	4180	3980	3820	3640	-	-
380/85R24	385	1260	576	3668	131D	1.6	4485	2925	2311	2243	2135	2048	1950	-	-
	15.2	49.6	22.7	144.4		23	9890	6450	5100	4950	4710	4520	4300	-	-
380/85R24	385	1260	576	3635	131D	1.6	4485	2925	2311	2243	2135	2048	1950	-	-
	15.2	49.6	22.7	143.1		23	9890	6450	5100	4950	4710	4520	4300	-	-
420/85R24	443	1328	603.8	3897	137D	1.6	5555	3450	2726	2645	2519	2415	2300	-	-
	17.4	52.3	23.8	153.4		23	12247	7606	6010	5831	5553	5324	5071	-	-
380/85R28	385	1360	621	3966	133D	1.6	4740	3090	2440	2370	2260	2160	2060	-	-
	15.2	53.5	24.4	156.1		23	10450	6812	5379	5225	4982	4762	4542	-	-
420/85R28 (16.9R28)	443	1430	649.3	4175.8	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	-	-
340/85R28	355	1293	591	3852	127D	1.6	4025	2625	2074	2013	1916	1838	1750	-	-
	14	50.9	23.3	151.7		23	8870	5790	4570	4440	4220	4050	3860	-	-
420/85R30 (16.9R30)	W15L	443	1476	675	4383	140D	1.6	5750	3750	2875	2738	2625	2500		
	W14L	17.4	58.1	26.6	172.6		23	12680	8270	6340	6040	5790	5510		
420/85R30 (16.9R30)	W15L	443	1476	677	4337	140D	1.6	5750	3750	2875	2738	2625	2500		
	W14L	17.4	58.1	26.7	170.7		23	12680	8270	6340	6040	5790	5510		
460/85R30 (18.4R30)	15	480	1544	697	4575	145D	1.6	6670	4350	3335	3176	3045	2900		
		18.9	60.8	27.4	180.1		23	14710	9590	7350	7000	6710	6390		
460/85R30 (18.4R30)	W16L	480	1544	685	4575	145D	1.6	6670	4350	3335	3176	3045	2900		
	DW15L	18.9	60.8	27	180.1		23	14710	9590	7350	7000	6710	6390		
320/85R34	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	-
420/85R34	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	443	1578	730	4779	142	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	-	-
460/85R34 (18.4R34)	480	1646	753	4849	147D	1.6	7073	4613	3644	3536	3367	3229	3075	-	-
	18.9	64.8	29.6	191		23	15590	10170	8030	7800	7420	7120	6780	-	-
460/85R34 (18.4R34)	480	1646	753	4909	147D	1.6	7073	4613	3644	3536	3367	3229	3075	-	-
	18.9	64.8	29.6	193.2		23	15590	10170	8030	7800	7420	7120	6780	-	-
460/85R34	480	1646	754	4995	157D	3	9488	6188	4888	4744	4517	4331	4125	-	-
	18.9	64.8	29.7	196.7		44	20920	13640	10780	10460	9960	9550	9090	-	-
420/85R38	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	480	1747	796.9	5194	149D	1.6	7480	4880	3850	3740	3560	3410	3250	-	-
	18.9	68.8	31.4	204.5		23	16491	10759	8488	8245	7848	7518	7165	-	-
420/80R46	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	-

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
								Tractor Appliaction							
								mm in	mm in	mm in	mm	bar psi	Static kmph	10 kmph	25 kmph
420/90R30	W13	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
320/90R42	W10	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

95 SERIES

Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumfer- ence	Load Index PR Symbols	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
								Tractor Application							
								bar	Static	10	25	30	40	50	65
in	in	in	mm	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph		
210/95R16	W7	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
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



MFWD

4WD
TRACTOR

The 356 Forest is a modern diagonal forestry tire for high power tractors on heavy duty jobs in forestry and heavier operations 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 and steel belts, high undertread 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 mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load Speed Drive wheel					
		SW	OD					Speed					
		mm in	mm in					Static kmph	10 kmph	20 kmph	30 kmph	40 kmph	50 kmph
11.2-24	W10 DW10, W9	290	1112	524	3434	10	3	3130	2040	1670	1460	1360	1240
		11.4	43.8	20.6	135.2	119A8 125A2	44	6900	4500	3680	3220	3000	2730
13.6R24	W12 W11	345	1190	542	3531	121A8	1.6	3340	2180	1610	1550	1450	1320
		13.6	46.9	21.3	139	118B	23	7360	4810	3550	3420	3200	2910
14.9R26	W13 W12	378	1300	592	3857	127A8	1.6	4030	2630	1940	1870	1750	1600
		14.9	51.2	23.3	151.9	124B	23	8890	5800	4280	4120	3860	3530
16.9R26	W15L W14L	429	1370	624	4066	135A8	1.6	5010	3270	2420	2330	2180	2000
						132B							
						138A8							
						135B							
18.4R26	W16L W15L	476	1426	643	4205	140A8	1.6	5750	3750	2780	2680	2500	2300
		18.7	56.1	25.3	165.6	137B	23	12680	8270	6130	5910	5510	5070

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press				Recommend load, kg (lbs)							
		Field operation						Speed, km/h (mph)										
		SW	OD					High Torque	Low Torque	Not high and sustained torque; Road transport								
										10 6	10 6	20 12	Static	10 6	25 16	30 19	40 25	50 31
11.2R24	W10 W9	284	1095	510	3229	**	1.6	1260	1650	1420	2710	1770	1310	1260	1180	1070		
		11.2	43.1	20.1	127.1	114A8 111B	23	2780	3640	3130	5980	3900	2890	2780	2600	2360		
12.4R24	W11 W10 W9	315	1140	524	3402	**	1.6	1460	1900	1630	3130	2040	1510	1460	1360	1240		
		12.4	44.9	20.6	133.9	119A8 116B	23	3220	4190	3590	6900	4500	3330	3220	3000	2730		
14.9R24	W13 W12	378 14.9	1245 49	562 22.1	3674 144.6	**	1.6	1820	2380	2040	3910	2550	1890	1820	1700	1550		
						126A8 123B	23	4010	5250	4500	8620	5620	4170	4010	3750	3420		
						131A8	2.1	2090	2730	2340	4490	2930	2160	2090	1950	1770		
						128B	30	4610	6020	5160	9900	6460	4760	4610	4300	3900		
						142A8	3.4	2840	3710	3180	6100	3980	2940	2840	2650	2410		
						139B	49	6260	8180	7010	13450	8770	6480	6260	5840	5310		
						150A8	5	3580	4690	4020	7710	5030	3720	3580	3350	3050		
						147B	73	7890	10340	8860	17000	11090	8200	7890	7390	6720		
16.9R24	W15L W14L	429	1320	601	3916	**	1.6	2270	2970	2540	4880	3180	2350	2270	2120	1930		
		16.9	52	23.7	154.2	134A8 131B	23	5000	6550	5600	10760	7010	5180	5000	4670	4260		
9.5R24	W8 W7	241	1040	476	3096	**	1.6	1040	1370	1170	2240	1460	1080	1040	975	890		
		9.5	40.9	18.7	121.9	107A8 104B	23	2290	3020	2580	4940	3220	2380	2290	2150	1960		
11.2R28	W10 W9	284	1220	556	3599	**	1.6	1340	1750	1500	2880	1880	1390	1340	1250	1140		
		11.2	48	21.9	141.7	116A8 113B	23	2950	3860	3310	6350	4150	3060	2950	2760	2510		
12.4R28	W11 W10 W9	315	1250	577	3740	**	1.6	1550	2030	1740	3340	2180	1610	1550	1450	1320		
		12.4	49.2	22.7	147.2	121A8 118B	23	3420	4480	3840	7360	4810	3550	3420	3200	2910		
13.6R28	W12 W11	345	1295	595	3891	**	1.6	1660	2170	1860	3570	2330	1720	1660	1550	1410		
		13.6	51	23.4	153.2	123A8 120B	23	3660	4780	4100	7870	5140	3790	3660	3420	3110		
14.9R28	W13 W12 W11	378	1350	618	4076	**	1.6	1930	2520	2160	4140	2700	2000	1930	1800	1640		
		14.9	53.1	24.3	160.5	128A8 125B	23	4260	5560	4760	9130	5950	4410	4260	3970	3620		
16.9R28	W15L W14L	429 16.9	1420 55.9	645 25.4	4207 165.6	**	1.6	2400	3140	2690	5150	3360	2490	2400	2240	2040		
						136A8 133B	23	5290	6920	5930	11350	7410	5490	5290	4940	4500		
						139A8	1.9	2600	3400	2920	5590	3650	2700	2600	2430	2210		
						136B	28	5730	7500	6440	12320	8050	5950	5730	5360	4870		

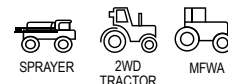
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press				Recommend load, kg (lbs)					
		SW	OD					Field operation			Speed, km/h (mph)					
								High Torque	Low Torque		Not high and sustained torque; Road transport					
									10 6	10 6	20 12	Static	10 6	25 16	30 19	40 25
9.5R28	W8 W7	241 9.5	1140 44.9	527 20.7	3414 134.4	** 109A8 106B	1.6 23	1100 2430	1140 2510	1240 2730	2370 5230	1550 3420	1140 2510	1100 2430	1030 2270	940 2070
14.9R30	W13 W12	378 14.9	1400 55.1	644 25.4	4180 164.6	** 129A8 126B	1.6 23	1980 4370	2590 5710	2220 4890	4260 9390	2780 6130	2050 4520	1980 4370	1850 4080	1680 3700
16.9R30	W15L W14L	429 16.9	1475 58.1	672 26.5	4383 172.6	** 137A8 134B	1.6 23	2460 5420	3220 7100	2760 6090	5290 11660	3450 7610	2550 5620	2460 5420	2300 5070	2090 4610
12.4R32	W11 W10 W9	315 12.4	1350 53.1	627 24.7	4055 159.6	** 122A8 119B	1.6 23	1610 3550	2100 4630	1800 3970	3450 7610	2250 4960	1670 3680	1610 3550	1500 3310	1370 3020
						134A8 131B	2.9 42	2280 5030	2980 6570	2560 5640	4900 10800	3200 7060	2360 5200	2280 5030	2130 4700	1940 4280
						142A8 139B	4.2 61	2840 6260	3710 8180	3180 7010	6100 13450	3980 8770	2940 6480	2840 6260	2650 5840	2410 5310
						*** 143A8 140B	2.1 30	2920 6440	3820 8420	3270 7210	6270 13820	4090 9020	3020 6660	2920 6440	2725 6010	2480 5470
						** 139A8 136B	1.6 23	2600 5730	3400 7500	2920 6440	5590 12320	3650 8050	2700 5950	2600 5730	2430 5360	2210 4870
						18.4R34	W16L W15L	486 19.1	1671 65.8	750 29.5	4914 193.5	** 144A8 141B	1.6 23	3000 6610	3920 8640	3360 7410
13.6R36	W12	345 13.6	1500 59.1	697 27.4	4555 179.3	157A8 154B	2.8 41	4410 9720	5780 12740	4950 10910	9490 20920	6190 13650	4580 10100	4410 9720	4125 9090	3750 8270
						*** 133A8 130B	2.1 30	2200 4850	2880 6350	2470 5450	4740 10450	3090 6810	2290 5050	2200 4850	2060 4540	1870 4120
						** 127A8 124B	1.6 23	1870 4120	2450 5400	2100 4630	4030 8890	2630 5800	1940 4280	1870 4120	1750 3860	1590 3510
						141A8 138B	1.6 23	2760 6090	3610 7960	3090 6810	5920 13050	3860 8510	2860 6310	2760 6090	2575 5680	2340 5160
16.9R38	W15L	456 18	1695 66.7	772 30.4	5217 205.4	146A8 143B	2.1 30	3210 7080	4200 9260	3600 7940	6900 15210	4500 9920	3330 7340	3210 7080	3000 6610	2730 6020
20.8R38	W18L W16L	528 20.8	1835 72.2	834 32.8	5438 214.1	161A8 158B	4 58	4950 10910	6480 14290	5550 12240	10640 23460	6940 15300	5130 11310	4950 10910	4625 10200	4250 9370
						** 153A8 150B	1.6 23	3910 8620	5110 11270	4380 9660	8400 18520	5480 12080	4050 8930	3910 8620	3650 8050	3320 7320
						156A8 153B	1.9 28	4280 9440	5600 12350	4800 10580	9200 20280	6000 13230	4440 9790	4280 9440	4000 8820	3640 8030
380/80R38	W13	386 15.2	1605 63.2	735 28.9	4809 189.3	142A8 142B	2 29	2840 6260	3710 8180	3180 7010	6100 13450	3980 8770	2940 6480	2840 6260	2650 5840	2410 5310
18.4R42	W16L W15L	467 18.4	1850 72.8	853 33.6	5638 222	153A8 150B	2.1 30	3910 8620	5110 11270	4380 9660	8400 18520	5480 12080	4050 8930	3910 8620	3650 8050	3320 7320
						148A8 145B	1.6 23	3370 7430	4410 9720	3780 8330	7250 15980	4730 10430	3500 7720	3370 7430	3150 6950	2870 6330
						169A8 166B	4.5 65	6210 13690	8120 17900	6960 15340	13340 29410	8700 19180	6440 14200	6210 13690	5800 12790	5280 11640
						155A8 152B	1.6 23	4150 9150	5430 11970	4650 10250	8910 19640	5810 12810	4300 9480	4150 9150	3875 8540	3530 7780
20.8R42	W18L W16L	550 21.7	1945 76.6	890 35	5932 233.5	169A8 166B	3.2 46	6210 13690	8120 17900	6960 15340	13340 29410	8700 19180	6440 14200	6210 13690	5800 12790	5280 11640
14.9R46	W13 W12	378 14.9	1824 71.8	851.4 33.5	5495 216.3	146A8 143B	2.5 36	3210 7080	4200 9260	3600 7940	6900 15210	4500 9920	3330 7340	3210 7080	3000 6610	2730 6020
						142A8 139B	2.1 30	2840 6260	3710 8180	3180 7010	6100 13450	3980 8770	2940 6480	2840 6260	2650 5840	2410 5310
						149D	2.9 42	3810 8400	4980 10980	4270 9410	7480 16490	4880 10760	3850 8490	3740 8250	3560 7850	3410 7520
						155A8 152B	2.1 30	4150 9150	5430 11970	4650 10250	8910 19640	5810 12810	4300 9480	4150 9150	3875 8540	3530 7780
18.4R46	W16L	467 18.4	1958 77.1	906 35.7	5918 233	176A8 176B	3.5 51	7600 16760	9940 21910	8520 18780	16330 36000	10650 23480	7880 17370	7600 16760	7100 15650	7100 15650

354 AGRIFLEX

R-1W

SB

STEEL
BELTED



The advanced 354 Agriflex Improved Flexion (IF) is designed to carry same load as 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 than regular Row Crop tires, 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. 354 Agriflex gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



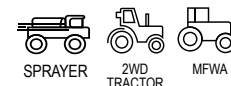
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)						
		SW OD						Speed, km/h (mph)						
								Not high and sustained torque; Road transport					Cyclic*	
		mm in	mm in	mm in	mm in		bar psi	10 kmph	15 kmph	20 kmph	65 kmph	70 kmph	bar psi	10 6
420/85R34	W14L	417	1575	709	4675	154D	2.4	4690	4190	3840	3750	3410	3	5813
	W15L	16.4	62	27.9	184.1		35	10340	9240	8470	8270	7520	44	12820
380/80R38	DW13, DW12	398	1595	728	4710	149D	2.4	4060	3630	3330	3250	2960	3	5038
		15.7	62.8	28.7	185.4		35	8950	8000	7340	7170	6530	44	11110
380/95R38	DW13	390	1687	767	5018	154D	2.4	4690	4190	3840	3750	3410	3	5813
	DW12	15.4	66.4	30.2	197.6		35	10340	9240	8470	8270	7520	44	12820
320/105R46	DW11 DW10 DW12	345	1840	857	5572	166D	4.8	6630	5920	5430	5300	4820	5.6	8215
	W11, W12	13.6	72.4	33.7	219.4		70	14620	13050	11970	11680	10630	81	18110
320/90R46	DW10	320	1744	814	5283	155D	3.6	4840	4330	3970	3875	3530	4.4	6006
	DW11	12.6	68.7	32	208		52	10670	9550	8750	8540	7780	64	13240
380/90R46	DW13	391	1854	861	5595	168D	4.4	7000	6250	5740	5600	5100	5.2	8680
	DW12						64	15430	13780	12660	12350	11240	75	19140
						173D	5.2	8130	7260	6660	6500	5920	6	9100
							75	17920	16010	14680	14330	13050	87	20060
520/85R46	DW18	530	2052	916	6013	165D	1.6	6440	5750	5280	5150	4690	2	7983
	DW16	20.9	80.8	36.1	236.7		23	14200	12680	11640	11350	10340	29	17600
IF 340/85R48	W12 DW12	343	1808	851	5480	159D	4.1	5560	5030	4730	4375	3980	4.9	6130
	W11	13.5	71.2	33.5	215.7		59	12260	11090	10430	9650	8770	71	13510
IF 320/105R50	11 DW11	323	1938	901	5813	152D	2.4	4509			3550	3231	3.2	4970
	DW10 DW12	12.7	76.3	35.5	228.9		35	9940			7830	7120	46	10960
380/105R50	DW13	399	2052	947	6187	177D	4.8	9130	8150	7480	7300	6640	5.2	10370
	DW12	15.7	80.8	37.3	243.6		70	20130	17970	16490	16090	14640	75	22860
380/90R50	DW13	385	1956	906	5896	170D	4.4	7500	6700	6150	6000	5460	5.2	9300
	DW12	15.2	77	35.7	232.1		64	16540	14770	13560	13230	12040	75	20500
480/80R50	DW16	479	2050	946	6153	166D	2.4	6630	5920	5430	5300	4820	3	8215
	DW15	18.9	80.7	37.2	242.2		35	14620	13050	11970	11680	10630	44	18110
480/95R50	DW16	480	2187	988	6518	165D	1.6	6440	5750	5280	5150	4690	1.8	7363
	DW15	18.9	86.1	38.9	256.6		23	14200	12680	11640	11350	10340	26	16230
230/115R54	W8	257	1947	921	5941	145D	3.2	3630	3240	2970	2900	2640	4	4495
		10.1	76.7	36.3	233.9		46	8000	7140	6550	6390	5820	58	9910
270/105R54	W10	280	1946	917	5949	158D	4.4	5310	4750	4360	4250	3870	5.2	6588
		11	76.6	36.1	234.2		64	11710	10470	9610	9370	8530	75	14520
320/105R54	DW11	330	2040	959	6230	167D	4.4	6810	6090	5590	5450	4960	5.2	8448
	DW10 DW12	13	80.3	37.8	245.3		64	15010	13430	12320	12020	10940	75	18630
IF 320/90R54	DW11 DW10	322	1950	920	5962	162D	4.4	6033			4750	4323	5.2	6650
	DW12	12.7	76.8	36.2	234.7		64	13300			10470	9530	75	14660
380/105R54	DW13 DW12	395	2163	1001	6532	180D	5.2	10000	8930	8200	8000	7280	6	12400
		15.6	85.2	39.4	257.2		75	22050	19690	18080	17640	16050	87	27340
IF 380/90R54	W13 DW13	380	2056	949	6179	171D	4.4	6765			6150	5597	5.2	8610
	W12 DW12	15	80.9	37.4	243.3		64	14910			13560	12340	75	18980

354 AGRIFLEX+

R-1W

SB

STEEL BELTED



The advanced 354 Agriflex+ Very Improved 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 than regular Row Crop tires, 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. 354 Agriflex+ gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Not high and sustained torque; Road transport										Cyclic operations					
		SW	OD					mm in	mm in	mm in	mm in	bar psi	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph
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
VF420/95R34	14	419	1662	731	4927	157D	1.6		4249	4208	4125	4125	4125	4125	3754	2.4	5775
		16.5	65.4	28.8	194		23		9370	9280	9090	9090	9090	9090	8280	35	12730
VF 480/70R34	W18L DW16L	491	1580	715	4724	160D	2.4	4950	4635	4590	4500	4500	4500	4500	4095	3.2	6300
	W16L DW18L	19.3	62.2	28.1	186		35	10910	10220	10120	9920	9920	9920	9920	9030	46	13890
VF320/80R42	11	320	1580	739	4786	155D	3.6	4263	3991	3953	3875	3875	3875	3875	3526	4.4	5425
		12.6	62.2	29.1	188.4		52	9400	8800	8720	8540	8540	8540	8540	7770	64	11960
VF 480/80R42	DW16LDW16	489	1848	823	5486	162D	1.6	5225	4893	4845	4750	4750	4750	4750	4323	2.4	6650
	DW15 DW15L	19.3	72.8	32.4	216		23	11520	10790	10680	10470	10470	10470	10470	9530	35	14660
VF 320/105R46	W11 DW11 DW10	325	1840	843	5601	172D	4.8	6930	6489	6426	6300	6300	6300	6300	5733	5.6	8820
	W10L W10	12.8	72.4	33.2	220.5		70	15280	14310	14170	13890	13890	13890	13890	12640	81	19450
VF380/90R46	W13 W12	391	1854	847	5509	173D	4.4		6700	6630	6500			6500	5920	5.2	9100
		15.4	73	33.3	216.9		64		14770	14620	14330			14330	13050	75	20060
VF 480/80R46	DW16L DW16	489	1948	876	5811	164D	1.6	5500	5150	5100	5000	5000	5000	5000	4550	2.4	7000
	DW15L DW15	19.3	76.7	34.5	228.8		23	12130	11350	11240	11020	11020	11020	11020	10030	35	15430
VF 320/90R50	11	319	1846	871	5645	161D	3.6	5088	4764	4718	4625	4625	4625	4625	4209	4.4	6475
		12.6	72.7	34.3	222.2		52	11220	10500	10400	10200	10200	10200	10200	9280	64	14280
420/95R50	14	425	2052	927	6131	177D	3.6	8030		7446	7300	7300	7300	7300	6643	4.4	10220
		16.7	80.8	36.5	241.4		52	17700		16420	16090	16090	16090	16090	14650	64	22530
VF 230/115R54	8	257	1947	912	5931	151D	3.2	3800		3520				3450	3140	4	4830
	W8	10.1	76.7	35.9	233.5		46	8380		7760				7610	6920	58	10650

Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumfer- ence mm	Load Index PR Symbols	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
								Tractor application					
								mm in	mm in	in	mm	bar psi	Static kmph
18.4R30	W16L	467	1545	712	4618	155A8	3.2	11200	5190	4300	4150	3875	3875
	W15L	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	DW10 W12 W11	345	1550	729	4846	151A8	4.8	9970	4620	3830	3690	3450	3450
	D10 W10L	13.6	61	28.7	190.8		70	21980	10190	8440	8140	7610	7610
14.9R38	W13 W12	378	1600	741	4742	133A8	1.6	5950	2760	2290	2200	2060	2060
	W11	14.9	63	29.2	186.7	130B	23	13120	6090	5050	4850	4540	4540
18.4R38	W16L W15L	480	1750	781	5284	170A8	3.2	8040	6660	6420	6000	5460	
		18.9	68.9	30.7	208	167B	46	17730	14680	14150	13230	12040	
15.5R38 (400/75R38)	W13 W14L	394	1570	723	4751	134A8	1.6	6130	2840	2350	2270	2120	2120
	W12	15.5	61.8	28.5	187	131B	23	13510	6260	5180	5000	4670	4670

376 MULTISTAR

R-1

SG

SB

STUBBLE
GUARD

STEEL
BELTED



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. Strong casing reinforced by steel belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Long tread life is provided by special Stubble Guard rubber compound, and durable sidewall compound.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load Speed Field operation Low Torque 10 kmph
		SW	OD					
		mm in	mm in				bar psi	
1050/50R32 Steel Belted	36VA	1050	1870	833	5656	185A8	3.2	12950
		41.3	73.6	32.8	222.7	182D	46	28550
900/60R32 (35.5LR32)	DW27B	869	1894	850	5645	176D	2.4	9940
						35	35	21910
		34.2	74.6	33.5	222.2	182D	3.2	12980
						185A8	46	28620
620/70R46	DW20B	620	2060	940	6140	159D	1.6	6650
		24.4	81.1	37	241.7	162A8	23	14660

FARMPRO RADIAL 80

R-1W



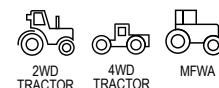
FarmPro 80 is engineered with a multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced 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 Speed							
		Speed													
		Drive wheel application													
		mm	mm	mm	mm			bar	Static	5	10	25	30	40	50
		in	in	in	in			psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph
380/80R38 (14.9R38)	W12 DW12	375	1578	728	4769	152A8	4	8170		5330	3940	3800	3550	3550	
	W13 W11	14.8	62.1	28.7	187.8	152B	58	18010		11750	8690	8380	7830	7830	
480/80R42	DW16L W16L	479	1835	836	5479	151A8	1.6	3450	7935	5865	4623	4244	3692	3450	
	W15L W14L DW14L	18.9	72.2	32.9	215.7	151B	23	7610	17490	12930	10190	9360	8140	7610	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load Speed					
		Speed											
		Mixed application											
		SW	OD										
		mm	mm	mm	mm		bar	Static	10	25	30	40	50
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph			
320/80R42	W10	319	1580	739	4676	141A8	3.2	5920	3860	2860	2760	2575	2575
		12.6	62.2	29.1	184.1	141B	46	13050	8510	6310	6090	5680	5680
480/80R46	DW16L	479	1960	880	5840	158A8	2.4	9780	6380	4720	4550	4250	4250
		18.9	77.2	34.6	229.9	158B	35	21560	14070	10410	10030	9370	9370

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.

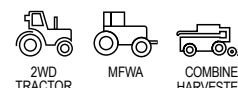


Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load							
								Speed							
		SW	OD					Drive wheel application							
		mm	mm	mm	mm			bar	Static	5	10	25	30	40	50
		in	in	in	in			psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph
420/90R30	W13					142A8	1.6	6100	3980	2940	2840	2650	2650	3550	
		418	1518	684	4478	142B	23	13450	8770	6480	6260	5840	5840	7830	
		16.5	59.8	26.9	176.3	147A8	2.4	7070	4610	3410	3290	3075	3075	3450	
						147B	35	15590	10160	7520	7250	6780	6780	7610	
320/90R42	W10	319	1643	764	4940	147A8	3.6	7070	4610	3410	3290	3075	3075		
		12.6	64.7	30.1	194.5	147B	52	15590	10160	7520	7250	6780	6780		
320/90R46	W10	319	1744	815	5258	148A8	3.6	7250	4730	3500	3370	3150	3150		
		12.6	68.7	32.1	207	148B	52	15980	10430	7720	7430	6950	6950		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load									
		SW	OD					Speed									
								Non cyclic operation								Cyclic operation	
				Static	10			15	25	30	40	50	bar	10	15		
				mm	mm			mm	mm	bar	kmph	kmph	kmph	kmph	kmph	kmph	psi
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	psi	kmph	kmph				
380/90R46	W12	380	1855	866	5591	165A8	4.8	11850	7730	6900	5720	5510	5150	5150	6	8760	7980
(14.9R46)	W11 W13	15	73	34.1	220.1	165B	70	26130	17040	15210	12610	12150	11350	11350	87	19310	17590

BIAS TRACTOR

348 TracPRO R-1



348 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.

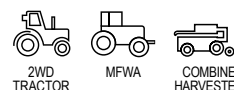


Sizes	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Mixed application				
				mm in	Mm In		mm in	mm in	bar psi	Static	10 6	20 12
8-18	W7	206	840	398	2537	4	1.6	1180	770	700	515	410
		8.11	33.07	15.66	99.88	85A6	23	2600	1700	1540	1140	900
9.5-24	W8	242	1055	508	3201	12	4.2	3680	2400	2160	1600	1280
		9.5	41.5	20	126	124A6	61	8110	5290	4760	3530	2820
11.2-24	W10	284	1115	526	3412	8	2.4	2880	1880	1690	1250	1000
		11.2	43.89	20.7	134.3	116A6	35	6340	4140	3720	2750	2200
12.4-24	W11	315	1170	556	3599	12PR	3.6	4140	2520	2160	1800	1620
		12.4	46.06	21.88	141.69	128A6	52	9120	5550	4760	3960	3570
11.2-28	W10	288	1211	580	3706	8	2.4	3040	1980	1780	1320	1060
		11.3	47.7	22.8	145.9	118A6	35	6700	4370	3920	2910	2340
12.4-28	W11	315	1260	593	3776	12	2.5	3800	2310	1980	1650	1490
		12.4	49.6	23.3	148.6	125A6	36	8370	5090	4360	3630	3280
13.6-28	W12	347	1320	620	3885	12	2.3	4140	2520	2160	1800	1620
		13.7	52	24.4	152.9	128A6	33	9120	5550	4760	3960	3570
14.9-28	W13	395	1387	649	4147	12	2.3	4880	3180	2860	2120	1700
		15.7	54.6	25.6	163.3	134A6	33	10760	7010	6310	4670	3750

Sizes	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)				
								Mixed application				
		mm in	Mm In	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25
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	13810	8410	7200	6000	5400
16.9-30	W15L	429	1485	667	4370	12	2.4	6440	3920	3360	2800	2520
		16.9	58.5	26.3	172	144A6	35	14190	8630	7400	6170	5550
18.4-30	W16L					12	2.3	7480	4550	3900	3250	2930
		500	1600	745.7	4830	149A6	33	16480	10020	8590	7160	6450
		19.7	63	29.36	190.2	14	2.6	7940	5180	4660	3450	2760
						151A6	38	17490	11410	10260	7600	6080

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Infl. press.	Recommended Load							
		SW	OD					Speed							
								Tractor application							
		mm	mm	mm	mm			Static	10	15	20	25	30	35	40
		in	in	in	in	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph		
18.4-30	16	465	1550	720	4687	14	2.6	7940	4830	4490	4140	3690	3450	3280	3110
		18.3	61	28.3	184.5	151A6	38	17510	10650	9900	9130	8140	7610	7230	6860
18.4-30	W16L, W15L	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

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	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Not high and sustained torque; Road transport										Field operation	
								Static	10 6	20 12	30 19	40 25	50 31	Low Torque	High Torque				
		mm in	mm in	mm in	mm in		Bar psi												
9.5-20	W8	241	940	442	2845	6PR	2.1	1900	1240	1010	880	825	750	1160	990	880			
	W7	9.5	37	17.4	112	101A8	30	4190	2730	2230	1940	1820	1650	2560	2180	1940			
9.5-22	W8	241	996	468	3013	101A8	32	4560	2970	2440	2110	1980	1810	2780	2380	2110			
	W7	9.5	39.2	18.4	118.6	8	2.7	2190	1430	1170	1020	950	—	1330	1140	—			
						106A8	39	4820	3150	2580	2250	2090	—	2930	2510	—			
						6	1.8	2440	1590	1300	1130	1060	960	1480	1270	1130			
11.2-24	W10	284	1105	512	3314	110A8	26	5370	3500	2860	2490	2330	2110	3260	2800	2490			
	W10H	11.2	43.5	20.2	130.5	8	2.4	2880	1880	1540	1340	1250	1140	1750	1500	1340			
						116A8	35	6350	4150	3400	2950	2760	2510	3860	3310	2950			
12.4-24	W11 W10 W10H	315	1160	533	3461	6	1.7	2790	1820	1490	1300	1215	1110	1700	1460	1300			
				21	136.3	115A8	25	6150	4010	3280	2860	2680	2440	3740	3220	2860			
				545	3525	8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550			
				21.5	138.8	121A8	33	7360	4810	3920	3420	3200	2910	4480	3840	3420			
				533	3461	10	2.9	3820	2490	2040	1780	1660	1510	2320	1990	1780			
				21	136.3	125A8	42	8410	5480	4490	3920	3660	3330	5110	4380	3920			
				551	3457	12	3.5	4255	2775	2275	1980	1850	1685	—	—	—			
13.6-24	W12	345	1210	549	3584	8	2	3550	2320	1710	1650	1545	1390	—	—	—			
		13.6	47.6	21.6	141.1	123A8	29	7830	5120	3770	3640	3410	3060	—	—	—			
14.9-24	W13 W12 W9	378	1265	574	3745	6	1.4	3570	2330	1910	1660	1550	1410	2170	1860	1660			
				22.6	147.4	123A8	20	7860	5130	4210	3660	3410	3110	4780	4100	3660			
						8	1.8	4140	2700	2210	1930	1800	1640	2520	2160	1930			
						128A8	26	9130	5950	4870	4260	3970	3620	5560	4760	4260			
8.3-24	W7 W6	211	995	470	3020	6	2.4	1840	1200	980	860	800	730	1120	960	860			
						100A8	35	4050	2640	2160	1890	1760	1610	2470	2110	1890			
				18.5	118.9	8	3.1	2130	1390	1140	990	925	840	1295	1110	990			
						105A8	45	4700	3060	2510	2180	2040	1850	2860	2450	2180			
						10	3.8	2415	1575	1290	1125	1050	955	1470	1260	1120			
						111A8	55	5325	3470	2845	2480	2315	2105	3240	2780	2470			

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)									
								Not high and sustained torque; Road transport							Field operation		
								Static	10 6	20 12	30 19	40 25	50 31	Low Torque 10 6	High Torque 20 12	10 6	
9.5-24	W8 W8H W7	241 9.5	1050 41.3	493	3175	6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020	
				19.4	125	106A8	30	4820	3150	2580	2250	2090	1890	2930	2510	2250	
				500	3196	8	2.8	2580	1680	1380	1200	1120	1020	1570	1340	1200	
				19.7	125.8	112A8	41	5690	3700	3040	2650	2470	2250	3460	2950	2650	
				493	3175	10	3.5	2960	1930	1580	1370	1285	1170	1800	1540	1370	
18.4-26	W16L DW16 W15L	467 18.4	1450 57.1	646	4244	6	1.1	4600	3000	2460	2140	2000	1820	2800	2400	2140	
				25.4	167.1	132A8	16	10130	6610	5420	4710	4410	4010	6170	5290	4710	
						12	2.3	6900	4500	3690	3210	3000	2730	4200	3600	3210	
						146A8	33	15200	9910	8130	7070	6610	6010	9250	7930	7070	
11.2-28	W10 W10H W9	284 11.2	1205 47.4	560	3621	8	2.4	3040	1980	1620	1410	1320	1200	1850	1580	1410	
				22	142.6	118A8	35	6700	4370	3570	3110	2910	2650	4080	3480	3110	
12.4-28	W11L W10H	315 12.4	1260 49.6	583	3776	8	2.3	3570	2330	1910	1660	1550	1410	2170	1860	1660	
				23	148.7	123A8	33	7870	5140	4210	3660	3420	3110	4780	4100	3660	
						12	2.5	3795	2475	2030	1765	1650	1500	—	—	—	
						125A8	36	8365	5455	4475	3890	3635	3305	—	—	—	
13.6-28	W12 W11	345 13.6	1310 51.6	615.67	4010	8	2	3800	2480	2030	1770	1650	1500	2310	1980	1770	
				24.2	157.9	125A8	29	8380	5470	4480	3900	3640	3310	5090	4370	3900	
				610	3983	12	3	4880	3180	2350	2270	2120	1910	2970	2540	2270	
				24.0	156.8	134A8	44	10750	7000	5180	5000	4670	4210	6540	5590	5000	
14.9-28	W13 W10H	378 14.9	1365 53.7	618	4036	6	1.8	4370	2850	2340	2030	1900	1730	2660	2280	2030	
				24.3	158.9	125A8	26	9630	6280	5150	4470	4190	3810	5860	5020	4470	
						12	2.6	5430	3540	2620	2530	2360	2120	3300	2830	2530	
						138A8	38	11960	7800	5770	5570	5200	4670	7270	6230	5570	
16.9-28	W15L W14L	429 16.9	1435 56.5	645	4223	6	1.3	4260	2780	2280	1980	1850	1680	2590	2220	1980	
				25.4	166.3	129A8	19	9380	6120	5020	4360	4070	3700	5700	4890	4360	
						10	2	5590	3650	2990	2600	2430	2210	3400	2920	2600	
						139A8	29	12310	8040	6590	5730	5350	4870	7490	6430	5730	
						12	2.4	6270	4090	3350	2920	2725	2480	3820	3270	2920	
8.3-28	W7 W6	211 8.3	1095 43.1	521	3338	6	2.4	2010	1310	1080	940	875	800	1230	1050	940	
				20.5	131.4	103A8	35	4430	2890	2380	2070	1930	1760	2710	2310	2070	
						8	3.2	2380	1550	1270	1110	1035	940	1450	1240	1110	
						109A8	46	5240	3410	2800	2440	2280	2070	3190	2730	2440	
14.9-30	W13 W12	378 14.9	1415 55.7	658	4261	6	1.4	3910	2550	2090	1820	1700	1550	2380	2040	1820	
				25.9	167.8	126A8	20	8610	5620	4600	4010	3740	3410	5240	4490	4010	
						8	1.8	4600	3000	2460	2140	2000	1820	2800	2400	2140	
						132A8	26	10130	6610	5420	4710	4410	4010	6170	5290	4710	
16.9-30	W15L W14L DW14	429 16.9	1485 58.5	667	4369	6	1.3	4370	2850	2340	2030	1900	1730	2660	2280	2030	
				26.3	172	130A8	19	9630	6280	5160	4480	4190	3810	5860	5030	4480	
						8	1.7	5290	3450	2830	2460	2300	2090	3220	2760	2460	
						137A8	25	11660	7610	6240	5420	5070	4610	7100	6090	5420	
						10	2.1	5920	3860	3170	2760	2575	2340	3610	3090	2760	
						141A8	30	13050	8510	6990	6090	5680	5160	7960	6810	6090	
						12	2.5	6580	4290	3520	3060	2860	2600	4000	3430	3060	
						144A8	36	14510	9460	7760	6750	6310	5730	8820	7560	6750	
18.4-30	W16L DW16 DW15L	467 18.4	1550 61	718	4769	12	2.3	7480	4880	4000	3480	3250	2960	4550	3900	3480	
				28.3	187.8	149A8	33	16480	10750	8810	7670	7160	6520	10020	8590	7670	
				714	4704	14	2.7	8170	5330	4370	3800	3550	3230	4970	4260	3800	
				28.1	185.2	152A8	39	18000	11740	9630	8370	7820	7110	10950	9380	8370	
				693	4546	16	3.1	8900	5810	4760	4140	3870	3520	5420	4640	4140	
12.4-32	W11L W10 W10H	315 12.4	1360 53.5	633	4090	6	1.6	3130	2040	1670	1460	1360	1240	1900	1630	1460	
				24.9	161	119A8	23	6890	4490	3680	3220	3000	2730	4190	3590	3220	
						8	2.2	3800	2480	2030	1770	1650	1500	2310	1980	1770	
						125A8	32	8370	5460	4470	3900	3630	3300	5090	4360	3900	
						6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020	
9.5-32	W8 W7	241 9.5	1251 49.3	600	3416	6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020	
				23.6	134.5	106A8	30	4820	3150	2580	2250	2090	1890	2930	2510	2250	
16.9/14-34	W15 DW14	429 16.9	1585 62.4	725	4716	6	1.3	4740	3090	2530	2200	2060	1870	2880	2470	2200	
				28.5	185.7	133A8	19	10440	6810	5570	4850	4540	4120	6340	5440	4850	
						10	2	6100	3980	3260	2840	2650	2410	3710	3180	2840	
						142A8	29	13440	8770	7180	6260	5840	5310	8170	7000	6260	
						14	2.8	7480	4880	4000	3480	3250	2960	4550	3900	3480	
18.4-34	W16L DW16 W15L	467 18.4	1650 65	761	5061	10	1.8	6900	4500	3690	3210	3000	2730	4200	3600	3210	
				30.0	199.3	146A8	26	15200	9910	8130	7070	6610	6010	9250	7930	7070	
				768.1	5090	14	2.5	8400	5480	4490	3910	3650	3320	5110	4380	3910	
				30.2	200.4	153A8	36	18500	12070	9890	8610	8040	7310	11260	9650	8610	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Field operation									
		SW	OD					Not high and sustained torque; Road transport						Low Torque		High Torque	
								mm in	mm in	mm in	mm in	Static	10 6	20 12	30 19	40 25	50 31
9.5-36	W8 W7	241 9.5	1353 53.3	649.2	4140	6	2.1	2370	1550	1270	1100	1030	940	1440	1240	1100	
				25.6	163.0	109A8	30	5220	3410	2800	2420	2270	2070	3170	2730	2420	
				645	4160	14	5	4740	3090	2530	2200	2060	1870	2880	2470	2200	
				25.4	163.8	133A8	73	10440	6810	5570	4850	4540	4120	6340	5440	4850	
12.4-36	W11L W10 W10H	315 12.4	1465 57.7	682	4407	6	1.7	3340	2180	1780	1550	1450	1320	2030	1740	1550	
				26.9	173.5	121A8	25	7360	4800	3920	3410	3190	2910	4470	3830	3410	
						10	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090	
						131A8	41	9890	6450	5290	4600	4300	3900	6010	5150	4600	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)				
		SW mm in	OD mm in					Speed, km/h (mph)				
								Mixed Application				
								Static	10 6	20 12	30 19	40 25
6.5/80-12	5J	163	587	302.2	1772	6	3.6	1040	630	540	450	410
		6.4	23.1	11.9	69.8	80A6 77A8	52	2290	1390	1190	990	900

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										
		SW	OD					Speed										
								Tractor application										
								mm in	mm in	mm in	mm in	bar psi	Static kmph	5 kmph	10 kmph	15 kmph	20 kmph	25 kmph
8.3/8-24	W7X24	211	995	478	3190	8	3.1	2280	1570	1390	1240	1140	1030	990	950	925	890	840
		8.3	39.2	18.8	125.6		45	5030	3460	3060	2730	2510	2270	2180	2090	2040	1960	1850
11.2/10-24	W10 W9 DW10 W10H	284	1105	520	3314	8	2.4	3080	2130	1880	1680	1540	1390	1340	1290	1250	1200	1140
		11.2	43.5	20.5	130.5	116A8	35	6790	4700	4150	3700	3400	3060	2950	2840	2760	2650	2510
13.6-28	W11	345	1310	615.7	3961.8	8	2	4070	—	2480	2210	2030	1830	1770	1700	1650	—	—
	W12	13.6	51.6	24.2	156	125A8	29	8973	—	5467	4872	4475	4034	3902	3748	3638	—	—
12.4/11-28	11	315	1260	599	1827	12	2.8	4070	2810	2480	2210	2030	1830	1770	1700	1650	1580	1500
		12.4	49.6	23.6	71.9	125A8	41	8970	6200	5470	4870	4480	4030	3900	3750	3640	3480	3310
14.9/13-28	W13	378	1365	618	4036	12	2.6	5820	4010	3540	3160	2900	2620	2530	2430	2360	2270	2150
	W10H	14.9	53.7	24.4	155.6	138A8	38	12830	8840	7800	6970	6390	5780	5580	5360	5200	5000	4740
14.9/13-28	13	378	1365	619	3951	12	2.6	5820	4010	3540	3160	2900	2620	2530	2430	2360	2270	2150
		14.9	53.7	24.3	158.9	138A8	38	12830	8840	7800	6970	6390	5780	5580	5360	5200	5000	4740
16.9/14-30	15	429	1485	685	4506	6	1.3	4670	3230	2850	2550	2340	2110	2030	1960	1900	1820	1730
		16.9	58.5	27	177.4	130A8	19	10300	7120	6280	5620	5160	4650	4480	4320	4190	4010	3810
18.4-30	DW16A	467	1550	714	4666	14	2.6	8740	6040	5330	4760	4370	3940	3800	3660	3550	3410	3230
		18.4	61	28.1	183.7	152A8	38	19270	13320	11750	10490	9630	8690	8380	8070	7830	7520	7120
18.4-30	DW16L, W16L, W15L	475	1550	721	4672	16	2.9	8910	—	5810	—	4770	—	4150	—	3875	—	—
		18.7	61	28.4	183.9	155A8	42	19640	—	12810	—	10520	—	9150	—	8540	—	—
18.4-30	DW16A	475	1550	714.5	4704	12	2.3	8000	5530	4880	4360	4000	3610	3480	3350	3250	3120	2960
	W15L	18.7	61	28.1	185.2	149A8	33	17637	12192	10759	9612	8818	7959	7672	7385	7165	6878	6526
12.4/11-32	11	315	1360	647	4156	8	2.2	4070	—	2480	2210	2030	1830	1770	1700	1650	—	—
		12.4	53.5	25.5	163.6	125A8	32	8970	—	5470	4870	4480	4030	3900	3750	3640	—	—
18.4-34	W16LX34	477	1655	764.5	5084	14	2.5	8990	6210	5480	4890	4490	4050	3910	3760	3650	3500	3320
	DW15AX34	18.8	65.2	30.1	200.2	153A8	36	19820	13691	12081	10781	9899	8929	8620	8289	8047	7716	7319
12.4/11-36	W11L, W10	315	1465	682	4407	8	2.2	4190	2890	2550	2280	2090	1890	1820	1750	1700	1630	1550
	W10H	12.4	57.7	26.9	173.5	126A8	32	9240	6370	5620	5030	4610	4170	4010	3860	3750	3590	3420
12.4/11-36	11	315	1465	701	4523	8	2.2	4190	2890	2550	2280	2090	1890	1820	1750	1700	1630	1550
		12.4	57.7	27.6	178.1	126A8	32	9240	6370	5620	5030	4610	4170	4010	3860	3750	3590	3420

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load															
								Speed															
		SW	OD					DRIVE WHEEL						FREE ROLLING									
								mm	mm	mm	mm	Static	10	15	20	30	40	Static	10	15	20	30	40
15.5/80-24	W12	380	1240	561	3939	16	4	8108	4450	4175	3933	3450	3105	8044	6290	5899	5558	4875	4388				
		15	48.8	22.1	155.1	163A6/159A8 151A6/147A8	58	17734	13867	13005	12253	10748	9674	17875	9811	9204	8671	7606	6845				

324 HEAVY DUTY

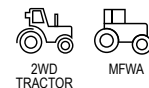
Size	Rim	Unloaded		Loaded Static Radius	Rolling Circum	PR	Free/Drive	Infl. press.	Recommend load, kg (lbs)							
		dimension	SW				OD		Wheel	Speed, km/h (mph)						
				Free rolling				Drive Wheel								
		mm in		mm in	mm in			mm in			Load index speed Sym	bar psi	10 6	20 12	30 19	40 25
15.5/80-24	W12 W13 W14L	384 15.1	1262 49.7	566 22.3	3786 149.1	10	154A6	2.5	4840	4280	3750	3380	3420	3020	2650	2390
							150A8	36	10660	9430	8250	7440	7530	6650	5840	5260
						12	157A6	3	5320	4700	4125	3710	3740	3310	2900	2610
							154A8	44	11720	10350	9090	8170	8240	7290	6390	5750
						16	163A6	4	6290	5560	4875	4390	4450	3930	3450	3110
							159A8	58	13850	12250	10740	9670	9800	8660	7600	6850
16.5/85-28	W13 W14L W15L	417 16.4	1423 56	626 24.6	4130 162.6	12	163A6	2.8	6290	5560	4875	4390	4450	3930	3450	3110
							159A8	41	13850	12250	10740	9670	9800	8660	7600	6850

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										
		Speed																
		SW	OD	mm	mm		psi	Tractor application										
		mm	mm					Static	5	10	15	20	25	30	35	40	45	50
		in	in					kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
14.9-24	W13	378	1265	588	3815	8		1.8	4440	3060	2700	2410	2210	2000	1930	1850	1800	1730
		14.9	49.8	23.1	150.2	128A8	26	9790	6750	5950	5310	4870	4410	4260	4080	3970	3810	3620

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Size	Rim	Unloaded		Loaded Static Radius	Rolling Circum	PR	Free/Drive		Infl. press.	Recommend load, kg (lbs)							
		dimension					Wheel	Speed, km/h (mph)									
		SW	OD					Free rolling				Drive Wheel					
		mm in	mm in	mm in	mm in			bar psi	10 6	20 12	30 19	40 25	10 6	20 12	30 19	40 25	
6.50/80-12	5.00F	163 6.4	558 22	270 10.6	1719 67.7	6	93A6		3.6 52	840 1850	740 1630	650 1430	590 1300	580 1280	510 1120	450 990	410 900
							89 A8										
							80A6										
6.50/80-15	5.00F	163 6.4	663 26.1	295 11.6	1942 76.5	6	98A6		3.6 52	970 2140	860 1890	750 1650	680 1500	680 1500	600 1320	530 1170	480 1060
							94 A8										
							86A6										
6.50-16	5.50F	189 7.4	754 29.7	347 13.7	2250 88.6	6	83 A8		2.7 39	1000 2200	880 1940	775 1710	700 1540	700 1540	620 1370	545 1200	490 1080
							96 A8										
							87A6										
							83 A8										
						8	105A6		3.8 55	1190 2620	1050 2310	925 2040	830 1830	840 1850	740 1630	650 1430	590 1300
							101A8										
							93A6										
7.50-16	5.50F 6LB	214 8.4	803 31.6	370 14.6	2400 94.5	4	90 A8		1.5 22	920 2030	810 1780	710 1560	640 1410	650 1430	570 1260	500 1100	450 990
							96A6										
							93 A8										
							84A6										
						8	112A6		3.1 45	1440 3170	1280 2820	1120 2470	1010 2220	1000 2200	880 1940	775 1710	700 1540
							108A8										
							99A6										
96 A8																	
8.25-16	6.00F 5.00F 5.50F	229 9	818 32.2	371 14.6	2450 96.5	6	116 A6		4 58	1610 3550	1425 3140	1250 2755	1125 2480	1130 2490	995 2195	875 1930	785 1730
							112 A8										
							103 A6										
							99 A8										
						8	109A6		2 29	1330 2930	1170 2580	1030 2270	930 2050	940 2070	830 1830	730 1610	660 1450
							105A8										
							97 A6										
94 A8																	
7.00-18	5.00F 5.5	178 7	803 31.6	373 14.7	2413 95	4	115A6		2.8 41	1570 3460	1390 3060	1215 2680	1090 2400	1100 2420	970 2140	850 1870	770 1700
							111A8										
							102A6										
							99 A8										
7.00-18	5.00F 5.5	178 7	803 31.6	373 14.7	2413 95	6	114A6		1.3 19	1520 3350	1350 2970	1180 30	1060 2330	1100 2420	970 2140	850 1870	770 1700
							110A8										
							102A6										
							99 A8										
7.00-18	5.00F 5.5	178 7	803 31.6	373 14.7	2413 95	6	123A6		2 29	2000 4410	1770 3900	1550 3410	1400 3080	1440 3170	1280 2820	1120 2470	1010 2220
							120A8										
							112A6										
							108 A8										

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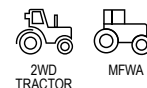
Alliance 347 is a drive wheel tractor tire with higher number of 23 degree lugs. It provides maximum traction on all types of soil and provides a smooth drive. A strong nylon carcass guards against mechanical failures and moisture deterioration. The tire is engineered with breakers for better protection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



Size	Rim	Unloaded		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		dimension						Speed, km/h (mph)									
		SW	OD					Not high and sustained torque; Road transport							Field operation		
															Low Torque		High Tor
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6	
23.1-26	DW20B	587 23.1	1605 63.2	737 29.0	4838 190.5	12	1.7	8400	5480	4490	3910	3650	3320	5110	4380	3910	
						153A8	25	18500	12070	9890	8610	8040	7310	11260	9650	8610	
						14	2	9200	6000	4920	4280	4000	3640	5600	4800	4280	
						156A8	29	20260	13220	10840	9430	8810	8020	12330	10570	9430	
						16	2.3	10060	6560	5380	4680	4375	3980	6130	5250	4680	
23.1-30	DW20A	587 23.1	1707 67.2	754 29.7	4969 195.6	159A8	33	22160	14450	11850	10310	9640	8770	13500	11560	10310	
						8	1.7	8910	5810	4770	4150	3875	3530	5430	4650	4150	
						147A8	25	19630	12800	10510	9140	8540	7780	11960	10240	9140	
						14	2	9780	6380	5230	4550	4250	3870	5950	5100	4550	
						158A8	29	21540	14050	11520	10020	9360	8520	13110	11230	10020	
24.5-32	DW21B DW21A DW21 DW20A	622 24.5	1805 71.1	808 31.8	5391 212.2	10	1.4	9200	6000	4920	4280	4000	3640	5600	4800	4280	
						156A8	20	20260	13220	10840	9430	8810	8020	12330	10570	9430	
						12	1.7	10350	6750	5540	4820	4500	4100	6300	5400	4820	
						160A8	25	22800	14870	12200	10620	9910	9030	13880	11890	10620	
						8	1.1	7480	4880	4000	3480	3250	2960	4550	3900	3480	
23.1-34	DW20A	587 23.1	1808 71.2	800 31.5	5269 207.4	149A8	16	16480	10750	8810	7670	7160	6520	10020	8590	7670	
						10	1.4	8400	5480	4490	3910	3650	3320	5110	4380	3910	
						153A8	20	18500	12070	9890	8610	8040	7310	11260	9650	8610	
						12	1.7	9490	6190	5070	4410	4125	3750	5780	4950	4410	
						157A8	25	20900	13630	11170	9710	9090	8260	12730	10900	9710	
13.6-36	W12	345 13.6	1514 59.6	691 27.2	4499 177.1	6	1.6	3800	2480	2030	1770	1650	1500	2310	1980	1770	
		125A8	23	8370	5460	4470	3900	3630	3300	5090	4360	3900					
16.9-38	W15L W15A W14L W14A	429 16.9	1689 66.5	767 30.2	5003 197	8	1.7	5920	3860	3170	2760	2575	2340	3610	3090	2760	
		141A8	25	13040	8500	6980	6080	5670	5150	7950	6810	6080					
18.4-38	DW16 W16L W15L	467 18.4	1750 68.9	795 31.3	5185 204.1	8	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920	
						143A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430	
						10	1.8	7250	4730	3870	3370	3150	2870	4410	3780	3370	
						148A8	26	15970	10420	8520	7420	6940	6320	9710	8330	7420	
						14	2.5	8910	5810	4770	4150	3875	3530	5430	4650	4150	
20.8-38	W18L	528 20.8	1840 72.4	845.5 33.3	5502 216.6	155A8	36	19640	12810	10520	9150	8540	7780	11970	10250	9150	
						8	1.3	7250	4730	3870	3370	3150	2870	4410	3780	3370	
						148A8	19	15970	10420	8520	7420	6940	6320	9710	8330	7420	
						14	2.2	10060	6560	5380	4680	4375	3980	6130	5250	4680	
						159A8	32	22160	14450	11850	10310	9640	8770	13500	11560	10310	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. Press	Recommended Load					
								Speed					
		SW	OD					TRACTOR APPLICATION					
		mm / in	mm / in					mm / in	mm / in	bar psi	Static kmph	10 kmph	20 kmph
23.1-26	DW20BX26	600	1605	713.5	4848	12	1.7	8395	5475	4490	3906	3650	3322
		23.6	63.2	28.1	190.9	153A8	25	18508	12070	9899	8611	8047	7324
23.1-26	DW20BX26	600	1605	732.6	4795	16	2.3	10063	6563	5381	4681	4375	3981
		23.6	63.2	28.8	188.8	159A8	33	22185	14469	11863	10320	9645	8777

FarmPRO TD23 R-1

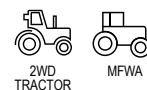


The 23 degree tread offers maximum traction while distinct terracing in the space between the lugs is designed to enhance self-cleaning and provide constant traction in soft soil and mud. The neutral casing mould design minimizes stresses from the under inflated to the inflated tire, resulting in enhanced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



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar /(psi)	Recommended Load Capacity						
		SW	OD					Max Load Capacity - kgs /(lbs)						
		mm / in	mm / in					Static	15kmph	20kmph	25kmph	30kmph	40kmph	50kmph
23.1-30	DW20B	587	1707	780	5125	12PR	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	622	1803	809	5468	12PR	1.7	10638	6198	5689	5134	4949	4625	4209
		24.5	71	31.9	215.2	156A8	25	23450	13660	12540	11320	10910	10200	9280
24.5-32	DW21B	622	1803	834.4	5315	12	1.7	9200		4920		4280	4000	3640
	DW20B	24.5	71	32.9	209.3	156A8	25	20283		10847		9436	8818	8025
24.5-32	DW21B	622	1803	773	5438	12	1.7	9200		4920		4280	4000	3640
	DW20B DW21													
	DH21HB DH21B	24.5	71	30.4	214.1	156A8	25	20283		10847		9436	8818	8025
20.8-38	W18A				5373	10	1.5	6300	4190		3840	3500	3150	
					211.5	148A8	22	13890	9240		8470	7720	6950	
	W15L				5389	14	2.2	5600	3720		3420	3110	2800	
					212.1	155A8	32	12350	8200		7540	6860	6170	
16.9-38	W15L	429	1689	780	5008	12	2.27	4480	2980		2730	2490	2240	
		16.9	66.5	30.7	197.2	142A8	33	9880	6570		6020	5490	4940	

357 R-1



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.



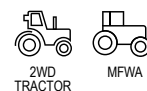
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)									Field operation						
		Not high and sustained torque; Road transport															
								Low Torque			High Torque						
SW	OD	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6		
12.4-24	W11 W10 W10H					8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550	
		315	1160	533	3461	121A8	33	7360	4810	3920	3420	3200	2910	4480	3840	3420	
		12.4	45.7	21	136.3	12	3.5	4260	2780	2280	1980	1850	1680	2590	2220	1980	
						129A8	51	9380	6120	5020	4360	4070	3700	5700	4890	4360	
13.6-28	W12 W11	345	1310	596	3884	6	1.6	3340	2180	1780	1550	1450	1320	2030	1740	1550	
		13.6	51.6	23.5	152.9	121A8	23	7360	4800	3920	3410	3190	2910	4470	3830	3410	
12.4-36	W11L W10 W10H	315	1465	682	4407	10	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090	
		12.4	57.7	26.9	173.5	131A8	41	9890	6450	5290	4600	4300	3900	6010	5150	4600	
13.6-38	W12 W11	345	1565	729	4709	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
		13.6	61.6	28.7	185.4	131A8	29	9890	6450	5290	4600	4300	3900	6010	5150	4600	
13.6/12-38	W12 W11					6	1.6	3910	2550	2090	1820	1700	1550	2380	2040	1820	
		345	1565	729	4709	126A8	23	8620	5620	4610	4010	3750	3420	5250	4500	4010	
		13.6	61.6	28.7	185.4	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
						131A8	29	9900	6460	5290	4610	4300	3900	6020	5160	4610	
15.5-38	W14L DW14					6	1.4	4030	2630	2150	1870	1750	1590	2450	2100	1870	
						127A8	20	8890	5800	4740	4120	3860	3510	5400	4630	4120	
						8	1.8	4740	3090	2530	2200	2060	1870	2880	2470	2200	
		394	1570	724	4695	133A8	26	10450	6810	5580	4850	4540	4120	6350	5450	4850	
		15.5	61.8	28.5	184.8	10	2.3	5430	3540	2900	2530	2360	2150	3300	2830	2530	
						138A8	33	11970	7800	6390	5580	5200	4740	7280	6240	5580	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Not high and sustained torque; Road transport						Field operation			
							Low Torque							High Torque			
mm in	mm in	mm in	mm in	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6					
14.00-38	W12	345	1565	729	4709	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
	W11	13.6	61.6	28.7	185.4	131A8	29	9890	6450	5290	4600	4300	3900	6010	5150	4600	
18.4-38	W16L	467 18.4	1750 68.9	795 31.3	5185 204.1	6	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920	
						139A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430	
						8	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920	
						143A8	20	13820	9020	7390	6440	6010	5470	8420	7210	6440	
						12	2.1	8400	5480	4490	3910	3650	3320	5110	4380	3910	
						153A8	30	18520	12080	9900	8620	8050	7320	11270	9660	8620	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
				Tractor application									
				mm	mm		mm	mm	bar	Static	10	25	30
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph			
12.4/11-24	W11	315	1160	534	3496	12	3.5	4260	2780	2050	1980	1850	
	W10 W9	12.4	57.7	27.6	178.1	126A8	32	9240	5620	4170	4010	3750	

358

R-1



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.



358 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)														
		SW	OD	Free rolling				Drive Wheel								
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
16.5/85-24	W13 W14L W15	417 16.4	1344 52.9	574.32 22.6	3934 154.9	12	162A6									
							158A8	2.8	6130	5420	4750	4280	4320	3820	3350	3020
							150A6	41	13500	11940	10460	9430	9520	8410	7380	6650
							146A8									
				592.6 23.3	4011 157.9	14	165A6									
							161A8	3.3	6640	5870	5150	4640	4710	4160	3650	3290
							153A6	48	14630	12930	11340	10220	10370	9160	8040	7250
							149A8									

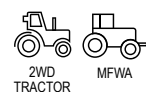
358 DRIVE WHEEL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Drive Wheel				Free rolling				
								mm in	mm in	mm in	mm in	bar psi	10 6	25 16	40 25	50 31
16.9-24	W15L W16L W14L DW14	429	1335	613.9	4001	8	1.7	1870	2880	2470	2200	4740	3090	2510	2200	2060
		16.9	52.6	24.2	157.5	133A8	25	4120	6350	5450	4850	10450	6810	5530	4850	4540
14.9-28	W13 W12	378	1365	618	4036	6	1.4	1500	2310	1980	1770	3800	2480	2030	1770	1650
		14.9	53.7	24.3	158.9	125A8	20	3310	5090	4370	3900	8380	5470	4480	3900	3640
15.5-38	W14L DW14	394 15.5	1570 61.8	724 28.5	4695 184.8	6	1.4	1590	2450	2100	1870	4030	2630	2150	1870	1750
						127A8	20	3510	5400	4630	4120	8890	5800	4740	4120	3860
						8	1.8	1870	2880	2470	2200	4740	3090	2530	2200	2060
						133A8	26	4120	6350	5450	4850	10450	6810	5580	4850	4540
						10	2.3	2150	3300	2830	2530	5430	3540	2900	2530	2360
						138A8	33	4740	7280	6240	5580	11970	7800	6390	5580	5200

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pres-sure	Recommended Load												
		SW	OD					Speed												
				Tractor application																
				mm	mm		mm	mm	bar	Static	5	10	15	20	25	30	35	40	45	50
				in	in		in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
14.9-28	W12	378	1365	632	4553	8	1.8	4370		2850		2337		2033		1900		1729		
	W11	14.9	53.7	24.9	179.3	130A8	26	9630		6280		5150		4480		4190		3810		
16.9-24	W16L W14L	429	1335	601	3933	8	1.7	4738	3502	3090	2760	2534	2287	2204	2122	2060	1978	1875		
	DW14	16.9	52.6	23.7	154.8		25	10450	7720	6810	6090	5590	5040	4860	4680	4540	4360	4130		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load						
		SW	OD					Speed						
		mm	mm	mm	mm		bar	Static	10	20	30	40	50	
		in	in	in	in		psi	kmph	kmph	kmph	kmph	kmph	kmph	
14.9-24	W11	378	1265	565	3710	8	1.8	4140	2700	2210	1930	1800	1620	
	W12	14.9	49.8	22.2	146.1	128A8	26	9130	5950	4870	4260	3970	3570	
	W13					12	2.6	5150	3360	2760	2400	2240	2020	
						136A8	38	11350	7410	6090	5290	4940	4450	

324 FarmPRO R-1/G-1W



324 FarmPRO has a modern curved 45 degree design for both on and off road applications. It provides superior traction during field operations. Its rubber compound provides high resistance to cut growth. The wide nose bar helps in delivering extra life on hard surfaces. Complete R-1 range offering is available in the 324 FarmPRO.



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					mm / in	mm / in	bar psi	Static	10 6	20 12
5-12	4JA	127	550	254	1609	4	2.3	520	340	300	260	224	180
5.00-12	4.00E	5	21.7	10	63.3	56A6	33	1150	750	660	570	490	400
		4						UNDER DEVELOPMENT					
		140	580	265	1620	6	3.3	1150	750	680	500	400	
		5.5	22.8	10.4	63.8	84A6	47.86	2540	1650	1500	1100	880	
6-12	5JA	155	600	281	1818	4	1.9	630	410	370	272	220	
6.00-12	4.00E	6.1	23.6	11.1	71.6	63A6	28	1390	900	820	600	490	
		4						UNDER DEVELOPMENT					
		165	635	285	1867	8	2.5	1040	680	610	450	360	-
		80A6	36	2290	1500	1340	990	790					
6-14	5JA	155	650	305.95	1938	4	1.9	690	450	410	300	240	
7-14	5JA	6.1	25.59	12.0	76.29	66A6	28	1520	990	900	660	530	
		183	690	318.5	2037	4	1.65	820	530	480	355	280	
5.00-15	4.00E	7.2	27.16	12.54	80.19	72A6	24	1810	1170	1060	780	620	
		140	655	302.3	1950	6	3.5	1290	840	760	560	450	-
6.00-16	4.5E	11.9	76.8	(88A6)	51	2840	1850	1670	1230	990			
		165	735	349	2172	8	4.5	1540	1010	900	670	540	-
6.50-16	4.5	6.5	28.9	13.7	85.5	94A6	65	3400	2230	1980	1480	1190	-
		175	760	354	2304	8	4.2	1730	1130	1010	750	600	
7-16	6.00F	6.9	29.9	13.9	90.7	98A6	61	3810	2490	2230	1650	1320	
		183	742	344	2204	4	1.65	890	580	520	387	310	-
8-16	6LB	7.2	29.2	13.54	86.77	75A6	24	1960	1280	1150	850	680	-
		201	790	361	2350	6	1.9	1410	920	830	615	490	
7.50-18	5.50F	7.91	31.1	14.21	92.51	91A6	28	3110	2030	1830	1350	1080	
		205	860	400	2624	8	3.7	2190	1430	1280	950	760	-
8.00-18	5.50F	8.1	33.9	15.7	103.3	106A6	54	4830	3150	2820	2090	1680	-
		211	841	390.3	2507	6	1.9	1540	1010	900	670	540	
4.50-19	3.00D	8.3	33.1	15.4	98.7	94A6	28	3390	2220	1980	1480	1190	
		120	736	340.65	2264	6	4.5	1120	730	660	487	390	-
8.00-20	5.5F	4.7	29	13.4	89.1	83A6	65	2470	1610	1460	1070	860	-
8.3-20	W7	220	965	438	2899	8	2.8	2510	1640	1470	1090	870	
		8.7	38	17.2	114.1	111A6	41	5530	3620	3240	2400	1920	
8.3-20	W7	211	893	423.6	2702	6	2.4	1630	1070	960	710	570	
		8.3	35.2	16.7	106.4	96A6	35	3590	2360	2120	1570	1260	

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					Static	10 6	20 12	30 19	40 25	50 31
9.5-20	W8	241 9.5	940 37	442 17.4	2845 112	6	2.1	1900	1240	1010	880	825	750
						101A8	30	4190	2730	2220	1940	1820	1650
						8	2.8	2240	1460	1200	1040	975	890
8.3-24	W7	211 8.3	993 39.1	475.2 18.7	3035 119.5	107A8	41	4930	3220	2640	2290	2150	1960
						8	3.1	2130	1390	1140	990	925	840
						105A8	45	4700	3065	2515	2185	2040	1850
9.5-24	W8	241 9.5	1048 41.3	490.7 19.3	3151 124.1	6	2.1	2190	1330	1140	1020	950	860
						106A8	30	4820	2930	2510	2250	2090	1890
						8	2.8	2575	1680	1380	1200	1120	1020
11.2-24	W10	284 11.2	1105 43.5	519.5 20.5	3343 131.6	112A8	41	5675	3705	3040	2645	2470	2250
						8	2.4	2880	1880	1540	1340	1250	1140
						116A8	35	6340	4140	3390	2950	2750	2510
12.4-24	W11	315 12.4	1160 45.7	538.3 21.2	3482 137.1	12	3.6	3570	2330	1910	1660	1550	1410
						123A8	52	7870	5140	4210	3660	3420	3110
						6	1.7	2790	1700	1460	1300	1215	1090
13.6-24	W12	345 13.6	1210 47.6	542.75 21.4	3531 139.0	115A8	25	6150	3740	3220	2860	2680	2400
						8	2.3	3340	2180	1780	1550	1450	1320
						121A8	33	7360	4800	3920	3410	3190	2910
14.9-24	W13	378 14.8	1265 49.8	533 21	3461 136	12	3.5	4260	2780	2280	1980	1850	1680
						129A8	51	9380	6120	5030	4360	4070	3700
						8	2	3565	2325	1905	1700	1550	1410
16.9-24	W15L	429 16.8	1333 52.5	584.6 23.0	3801 149.6	123A8	29	7860	5125	4200	3745	3415	3105
						12	3	4370	2850	2340	2030	1900	1710
						130A8	44	9630	6280	5160	4480	4190	3770
18.4-26	DW16A	467 18.4	1450 57.1	584.6 23.0	3801 149.6	6	1.4	3570	2330		1660	1550	
						123A8	20.3	7860	5130		3660	3410	
						8	1.8	4140	2700	2210	1930	1800	1640
23.1-26	DW20	587 23.1	1600 63	580.2 22.8	3742 147.3	128A8	26	9120	5950	4870	4250	3960	3610
						12	2.6	5150	3360	2760	2400	2240	2040
						136A8	38	11340	7400	6090	5290	4930	4500
14.9-26	W13	378 14.9	1316 51.8	585 23	3801 149.6	8	1.7	4740	3090	2530	2200	2060	1870
						133A8	24	10440	6810	5570	4850	4540	4120
						12	2.7	4600	3000	2460	2140	2000	1820
18.4-26	DW16A	467 18.4	1450 57.1	624.4 24.6	4060 159.8	132A8	39	10140	6610	5420	4720	4410	4010
						12	2.3	-	4500	3690	3210	3000	-
						146A8	33	-	9921	8135	7077	6614	-
11.2-28	W10	284 11.1	1205 47.4	587 23.1	1600 63	16	2.3	10060	6560	5380	4680	4375	3980
						159A8	33	22180	14460	11860	10320	9650	8770
						8	2.4	3040	1980	1620	1410	1320	1200
12.4-28	W11	315 12.4	1260 49.6	647.3 25.5	4370 172	118A8	34	6700	4360	3570	3110	2910	2640
						8	2.3	3570	2330	1910	1660	1550	1410
						123A8	33	7860	5130	4210	3660	3410	3110
13.6-28	W12	345 13.5	1310 51.5	613.25 24.1	3956 155.7	8	2	3800	2480	2030	1770	1650	1500
						125A8	29	8370	5460	4470	3900	3630	3300
						12	3	4880	3180	-	2270	2120	-
14.9-28	W13 W13 W12 W11	378 14.8	1367 53.8	611.9 24.1	4005 157.7	134A8	44	10750	7000	-	5000	4670	-
						8	1.8	4370	2850	2340	2030	1900	1730
						130A8	26	9630	6280	5160	4480	4190	3810
16.9-28	W15L	429 16.8	1435 56.4	1365 53.7	642.6 25.3	12	2.6	5430	3540	2900	2530	2360	2150
						138A8	38	11960	7800	6390	5580	5200	4740
						8	1.7	5010	3270	2680	2330	2180	1980
18.4-28	W16L	467 18.4	1501 59.1	629.55 24.8	4223 166.3	135A8	24	11040	7200	5900	5130	4800	4360
						12	2.4	6270	4090	3350	2920	2725	2480
						143A8	35	13820	9020	7390	6440	6010	5470
16.9-30	W15L	429 16.9	1485 58.5	680.65 26.8	4504 177.3	8	1.4	4880	3180	2610	2270	2120	1910
						134A8	20	10760	7010	5750	5000	4670	4210
						8	1.7	5290	3450	2830	2460	2300	2090
23.1-30	DW20B	587 23.1	1700 66.9	673.7 26.5	4431 174.4	137A8	25	11650	7600	6230	5420	5070	4610
						12	2.5	6440	4200	3440	3000	2800	2550
						144A8	36	14200	9260	7580	6610	6170	5620
18.4-30	W16L	467 18.4	1552 61.1	681.8 26.8	4485 176.6	8	1.4	5590	3650	2990	2600	2430	2190
						139A8	20	12310	8040	6590	5730	5350	4828
						10	1.8	6670	4350		3100	2900	
23.1-30	DW20B	587 23.1	1700 66.9	698 27.4	4590 180.7	145A8	26.1	14690	9580		6830	6390	
						12	2.3	7480	4880	-	3480	3250	2930
						149A8	33	16480	10750	-	7670	7160	6460
23.1-30	DW20B	587 23.1	1700 66.9	773.2 30.4	5083 200.1	14	2	9780	6380	5230	4550	4250	3870
						158A8	29	21560	14070	11530	10030	9370	8530

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					Static	10 6	20 12	30 19	40 25	50 31
16.9-34	W15L X 34	429	1587	715.05	4687	8	1.7	5590	3650	2990	2600	2430	—
		16.9	62.5	28.2	184.5	139A8	25	12310	8040	6590	5730	5350	—
18.4-34	W16L		1654	551.9	4813	8	1.4	6100	3980	3260	2840	2650	2410
			65.1	21.7	189.5	142A8	20	13440	8770	7180	6260	5840	5310
			1650	737.9	4882	10	1.8	6900	4500	3690	3210	3000	2730
		467	65.0	29.1	192.2	146A8	26	15210	9920	8140	7080	6610	6020
		18.4	1650	745	4882	12	2.2	7940	5180	4240	3690	3450	3140
			65	29.3	192.2	151A8	32	17510	11420	9350	8140	7610	6920
			1650	758.15	5034	14	2.5	8400	5480	4490	3910	3650	3320
			65.0	29.8	198.2	153A8	36	18520	12080	9900	8620	8050	7320
12.4-36	W11			678	4186	8	2.4	3910	2550	2090	1820	1700	1550
				26.7	164.8	126A8	35	8620	5620	4610	4010	3750	3420
		315	1470			12	3.5	5010	3270	2680	2330	2180	
		12.4	57.9	687	4450	135A8	51	11050	7210	5910	5140	4810	
				27	175.2	14	4.1	5590	3650	2990	2600	2430	2210
						139A8	59	12320	8050	6590	5730	5360	4870
13.6-36	W12	345	1515	712	4632	8	2	4260	2780	2280	1980	1850	1670
	W11	13.6	59.6	28.0	182.4	129A8	29	9390	6130	5030	4370	4080	3680
12.4-38	W11	315	1514	714	4653	14	3.9	5010	3270	2680	2330	2180	1960
		12.4	59.6	28.11	183.189	135A8	57	11040	7200	5900	5130	4800	4320
13.6-38	W12	345	1565	751.7	4853	14	3.5	5430	3540	2900	2530	2360	
		13.6	61.61	29.6	191.1	138A8	51	11960	7800	6390	5570	5200	
15.5-38	W14L	394	1569	728.2	4567	8	1.8	4740	3090	2540	2200	2060	—
		15.5	61.8	28.7	179.8	133A8	26	10440	6810	5590	4850	4540	—
						12	2.75	5920	3860	3170	2760	2575	2320
16.9-38	W15L					141A8	40	13050	8510	6990	6090	5680	5120
						8	1.7	5920	3860	3170	2760	2575	—
		429	1685	779.6	4982	141A8	25	13040	8500	6980	6080	5670	—
		16.9	66.3	30.7	196.1	12	2.5	6900	4500	3690	3210	3000	-
18.4-38	W16L					146A8	36	15200	9910	8130	7070	6610	
			1550	785.05	5184	8	1.4	6270	4090	3350	2920	2725	2480
		467	61.0	30.9	204.1	143A8	20	13810	9010	7380	6430	6000	5470
		18.4	1750	792	5170	12	2.1	8400	5480	4490	3910	3650	3320
			68.9	31.2	203.5	153A8	30	18500	12070	9900	8610	8040	7320
20.8-38	W18L	528	1840	849.4	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
9.5-42	W8	241	1505	727.8	4628	6	2.1	2510	1640	1340	1170	1090	990
	W9	9.5	59.3	28.7	182.2	111A8	30	5530	3620	2950	2580	2400	2180

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar /(psi)	Recommended Load Capacity					
		SW	OD					Max Load Capacity - kgs /(lbs)					
		mm / in	mm / in					Static	10kmph	20kmph	30kmph	40kmph	50kmph
18.4-38	W16L	467	1750	795	5190	8	1.4	6270	4090	3350	2920	2725	2450
	W15L	18.4	68.9	31.3	204.3	143A8	20	13820	9020	7390	6440	6010	5400
16.9-38	W15L	430	1689	770	5007	8	1.7	5920	3860	3170	2760	2575	2320
	W14L	16.9	66.5	30.3	197.1	141A8	25	13050	8510	6990	6090	5680	5120
15.5-38	W14L	394	1569	737	4813	8	1.8	4740	3090	2530	2200	2060	1850
		15.5	61.8	29	189.5	133A8	26	10450	6810	5580	4850	4540	4080
14.9-28	W13	378	1365	640	4180	8	1.8	4370	2850	2340	2030	1900	1710
	W12 W11	14.9	53.7	25.2	164.6	130A8	26	9630	6280	5160	4480	4190	3770
16.9-24	W15L	429	1335	601	3922	8	1.7	4740	3090	2530	2200	2060	1850
	W14L	16.9	52.6	23.7	154.4	133A8	25	10450	6810	5580	4850	4540	4080
18.4-34	W16L	467	1650	745	4882	8	1.4	6100	3980	3260	2840	2650	2390
	W15L	18.4	65	29.3	192.2	142A8	20	13450	8770	7190	6260	5840	5270

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar /(psi)	Recommended Load Capacity									
		SW	OD					Drive Wheel Application									
		mm / in	mm / in					Static	5kmph	10kmph	15kmph	20kmph	25kmph	30kmph	35kmph	40kmph	45kmph
12.4-24	11	315	1160	538	3482	6	1.7	2990	2070	1820	1630	1490	1350	1300	1250	1215	1170
		12.4	45.7	21.2	137.1	115A8	25	6590	4560	4010	3590	3290	2980	2870	2760	2680	2580
12.4-24	W11 W10,	315	1160	544	3468	12	3.6	4550	3150	2780	2480	2280	2050	1980	1910	1850	1780
	W10H	12.4	45.7	21.4	136.5	129A8	52	10030	6950	6130	5470	5030	4520	4370	4210	4080	3920

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load						
		SW	OD					Speed						
								Tractor application						
				mm	mm		mm	mm	bar	10	15	20	25	30
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph		
5.00-12	4.00E	140	580	265	1620	6	3.3	750	715	675	575	500	450	400
		5.5	22.8	10.4	63.8		48	1650	1580	1490	1270	1100	990	880
.8-18	5.5	211	1050	492.1	3128	8	2.8	1680	1500	1380	1240	1200	1150	1120
		8.3	41.3	19.4	123.1	112A8	41	3704	3307	3042	2734	2646	2535	2469
9.5-24	W8 W7 W8H	241	1050	492.8	3189	8	2.8	1680	1500	1380	1240	1200	1150	1120
		9.5	41.3	19.4	125.6	112A8	41	3704	3307	3042	2734	2646	2535	2469
9.5-24	W8	241	1105	518	3305	8	2.4	2088	1875	1738	1600	1388	1300	1250
		9.5	43.5	20.4	130.1	116A8	35	4600	4130	3830	3530	3060	2870	2760
11.2-24	W10	284	1105	520	3366	12	3.6	2325			1721	1659	1550	1411
		11.2	43.5	20.5	132.5	123A8	52	5130			3790	3660	3420	3110
11.2-24	W10, W9	284	841	390	2507	6	1.9	1119	1005	931	858	744	697	670
		11.2	33.1	15.4	98.7	94A6	28	2470	2220	2050	1890	1640	1540	1480
11.2-24	W10 W9	284	1105	518	3366	8	2.4	2088	1875	1738	1600	1388	1300	1250
		11.2	43.5	20.4	132.5	116A8	35	4600	4130	3830	3530	3060	2870	2760
11.2-24	W10 W9, W10H	284	1105	520	3343	8	2.4	2088	1875	1738	1600	1388	1300	1250
		11.2	43.5	20.5	131.6	116A8	35	4600	4130	3830	3530	3060	2870	2760
11.2-24	W10, W9	284	43.5	20.4	131.8	116A8	35	4600	4130	3830	3530	3060	2870	2760
		11.2	1160	543	3512	8	2.3	2180		1780		1550		1450
		11.2	45.7	21.4	138.3	121A8	33	4810		3920		3420		3200
12.4-24	W11, W10	315	1160	535	3504	8	2.3	2180	1940	1780	1610	1550	1490	1450
		12.4	45.7	21.1	138	121A8	33	4810	4280	3920	3550	3420	3290	3200
12.4-24	11	315	1205	370	3668	8	2.4	2204	1980	1835	1690	1465	1373	1320
		12.4	47.4	14.6	144.4	118A8	35	4860	4370	4050	3730	3230	3030	2910
12.4-24	W11	315	1265	576.6	3800	12	2.6	3360	3002	2755	2486	2397	2307	2240
		12.4	49.8	22.7	149.6	136A8	38	7408	6618	6074	5481	5284	5086	4938
14.9-24	W13	378	1265	580.9	3824	12	2.6	3360	3002	2755	2486	2397	2307	2240
		14.9	49.8	22.9	150.6	136A8	38	7408	6618	6074	5481	5284	5086	4938
14.9-24	W13	378	1205	565	3683	8	2.4	1980	1769	1624	1465	1412	1360	1320
		14.9	47.4	22.2	145	118A8	35	4370	3900	3580	3230	3110	3000	2910
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
11.2-28	W10, W9	284	1310	609.1	3980.2	8	2	2756	2475	2294	2112	1832	1716	1650
		11.2	51.6	24	156.7	125A8	29	6076	5456	5057	4656	4039	3783	3638
13.6-28	W12	345	1310	613.3	3956	8	2	2756	2475	2294	2112	1832	1716	1650
		13.6	51.6	24.1	155.7	125A8	29	6076	5456	5057	4656	4039	3783	3638
13.6-28	W12	345	1367	625.1	3801	8	1.8	3173	2850	2641	2432	2109	1976	1900
		13.6	53.8	24.6	149.6	130A8	26	6995	6283	5822	5362	4650	4356	4189
14.9-28	W13	378	1435	629.5	4350	8	1.7	3641	3270	3030	2790	2420	2267	2180
		14.9				135A8	25	8027	7209	6680	6151	5335	4998	4806
16.9-28	W15L	429	1435	648	4271	12	2.6	4551	4088	3788	3488	3025	2834	2725
		16.9	56.5	25.5	168.1	143A8	38	10030	9010	8350	7690	6670	6250	6010
16.9-28	W15L W14L	429	1435	651	4283	12	2.4	4090	3650	3350	3020	2920	2810	2725
		16.9	56.5	25.6	168.6	143A8	35	9020	8050	7390	6660	6440	6200	6010
16.9-28	W15L	429	1435	650	4260	12	2.4	4088		3352		2916		2725
		16.9	56.5	25.6	167.7	143A8	35	9010		7390		6430		6010
16.9-30	W15L W14L	429	1485	681.9	4503	12	2.5	4676	4200	3892	3584	3108	2912	2800
		16.9	58.5	26.8	177.3	144A8	36	10309	9259	8580	7901	6852	6420	6173
16.9-30	W15L	430	1485	534.9	4462.9	8	1.7	3450	3080	2830	2550	2460	2370	2300
		16.9	58.5	21.1	175.7	137A8	25	7606	6790	6239	5622	5423	5225	5071
16.9-30	W15L W14L	429	1485	673.7	4431	8	1.7	2756	2475	2294	2112	1832	1716	1650
		16.9	58.5	26.5	174.4	137A8	25	6076	5456	5057	4656	4039	3783	3638
16.9-30	W15L	429	1160	538	3482	6	1.7	1820	1630	1490	1350	1300	1250	1215
		16.9	45.7	21.2	137.1	115A8	25	4010	3590	3290	2980	2870	2760	2680
18.4-30	W16L DW16L	467	1550	694	4653	12	2.3	4880	4360	4120	3610	3480	3350	3250
		18.4	61.1	26.7	180.7	149A8	33	10760	9610	9080	7960	7670	7390	7170
18.4-30	W16L DW16L W15L	467	1552	695	4878	10	1.6	4350	3886	3567	3219	3103	2987	2900
		18.4	61	27.3	183.2	145A8	23	9590	8570	7860	7100	6840	6590	6390
18.4-30	W16L	467	1552	678	4590	8	1.4	4058	3645	3378	3110	2697	2527	2430
		18.4	59.1	26.7	178.3	139A8	20	8950	8040	7450	6860	5950	5570	5360
18.4-30	W15L	467	1500	678	4530	8	1.4	4058	3645	3378	3110	2697	2527	2430
		18.4	59.1	26.7	178.3	139A8	20	8950	8040	7450	6860	5950	5570	5360

768 IRRIGATION

R-1



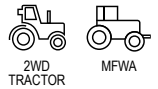
768 Irrigation has ideally spaced 23 degree lugs for superior traction in irrigation use. Strong and wide lugs provide high traction due to larger ground contact. Strong sidewall construction and high nylon carcass minimizes mechanical failure and moisture deterioration.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar / (psi)	Recommended Load Capacity					
		SW	OD					Max Load Capacity - kgs / (lbs)					
		mm / in	mm / in					Static	10kmph	20kmph	30kmph	40kmph	50kmph
195/65-15	5.5	200	665	306	1987	8	3.2	—	—	—	—	650	—
		7.9	26.2	12	78.2		46	—	—	—	—	1430	—
11.2-24	W10	284	1105	503	3259	6	1.8	2440	1590	1300	1130	1060	960
		11.2	43.5	19.8	128.3	110A6	26	5370	3500	2860	2490	2330	2110
12.4-24	W11	315	1160	532.65	3461	4PR	1.1	2190	1430	1170	1020	950	860
		12.4	45.6	20.97	136.2	106A8	16	4820	3150	2580	2250	2090	1890
14.9-24	W13			562.5	3668	8	1.8	4140	2700	2210	1930	1800	1640
		378	1250	22.1	144.4	128A8	26	9120	5950	4870	4250	3960	3610
		14.9	49.2			6	1.4	3130	2040	3690	1460	1360	2700
				574	3701	119A8	20	6890	4490	8130	3220	3000	5950
				22.6	145.7								
						6	1.8	2710	1770	1450	1260	1180	1070
11.2-38	W10	284	1459	678	4390	114A8	26	5970	3900	3195	2775	2600	2360
		11.2	57.4	26.7	172.8	4	1.3	4050	2640	2160	1880	1760	1580
						106A8	19	8920	5810	4760	4140	3880	3480

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
		mm	mm					Tractor application					
		in	in					Static	10	20	25	30	40
								kmph	kmph	kmph	kmph	kmph	kmph
11.2-24	W10	284	1105	503	3259	6	1.8	2440	1480	1270	1130	1060	950
	W9	11.2	43.5	19.8	128.3	110A6	26	5380	3260	2800	2490	2340	2090
11.2-24	W10	284	1105	503	3303	6	1.8	2440	1480	1270	1130	1060	950
	W9	11.2	43.5	19.8	130	110A6	26	5380	3260	2800	2490	2340	2090
14.9-24	W13	378	1250	562	3668	8	1.8	4140	2700	1998	1926	1800	1638
	W12	14.9	49.2	22.1	144.4	128A8	26	9130	5950	4410	4250	3970	3610
14.9-24	W13	382	1248	562	3668	8	1.8	4140	2700	1998	1926	1800	1638
	W12	15	49.1	22.1	144.4	128A8	26	9130	5950	4410	4250	3970	3610
14.9-24	W13	378	1250	568	3760	6	1.4	3128	2040	1673	1510	1455	1360
	W12	14.9	49.2	22.4	148	119A8	20	6900	4500	3690	3330	3210	3000

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.

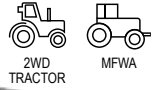


Size	Rim	Unloaded		Loaded Static Radius	Rolling Circum	PR,Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)					
		dimension						Speed, km/h (mph)					
		SW	OD	Mixed application									
		mm in	mm in	mm in	mm in			Static kmph	10 (1)(2) 6	20 16	25 19	30 25	40 25
5.00-12	3.00D	130	580	275	1757	4	2	590	390	350	300	257	210
		5.1	22.8	10.8	69.2	61A6	29	1300	860	770	660	570	460
6.00-12	4.00E	160	635	299	1985	6	2.6	920	600	540	460	400	320
		6.3	25	11.8	78.1	76A6	38	2030	1320	1190	1010	880	710
8.3-20	W6	206	890	426	2742	6	2.4	1630	1070	960	820	710	570
		8.11	35.03	16.77	107.95	96A6	35	3590	2360	2110	1810	1560	1260
8.3-22	W7	206	940	449.5	2906	8	3.2	2070	1350	1350	1220	900	720
		8.1	37	17.7	114.4	104A6	46	4560	2980	2690	2290	1980	1590
9.5-20*						8		-----UNDER DEVELOPMENT-----					
9.5-22	W8	241	997	468.4	3079	8	2.9	2440	1590	1430	1220	1060	850
		9.5	39.2	18.44	121.22	110A6	42	5370	3500	3150	2690	2330	1870
12.4-24	W11						1	1980	1290	1060	920	860	690
		315	1160	549	3536	8	1.2	2210	1440	1180	1030	960	770
		12.4	45.7	21.6	139.2	120A6	2.3	3220	1960	1680	1500	1400	1260
							33	7099	4321	3704	3307	3086	2778
14.9-24	W13	378	1265	578.3	3719	8	1.8	-	2700	2430	2070	1800	1440
		14.9	49.8	22.8	146.4	128A6	26	-	5950	5350	4560	3960	3170
8.3-24	W7	205	995	474	3077	8	3.1	2130	1390	1250	1060	925	740
		8.1	39.2	18.7	121.1	105A6	45	4700	3060	2760	2340	2040	1630
9.5-24	W8	241	1048	500	3249	8	2.8	2510	1640	1470	1250	1090	870
		9.5	41.25	19.7	127.91	111A6	41	5530	3610	3240	2750	2400	1920
11.2-24	W10	284	1103	520.2	3376	8	2.4	2880	1880	1690	1440	1250	1000
		11.2	43.42	20.48	133	116A6	35	6340	4140	3720	3170	2750	2200
13.6-24	W12	345	1210	565	3629	8	2	3570	2330	2090	1780	1550	1240
		W11	13.6	47.6	22.24	142.9	123A6	29	7860	5130	4600	3920	3410
11.2-26	W10	284	1155	546.5	3548	8	2.4	2960	1930	1730	1480	1285	1030
		11.2	45.5	21.52	140	117A6	35	6520	4250	3810	3260	2830	2270
12.4-26	W11	315	1210	568.8	3668	8	2.3	3340	2180	1960	1670	1450	1160
		12.4	47.6	22.39	144.4	121A6	33	7360	4800	4320	3680	3190	2560
13.6-26	W12	345	1260	588	3775	8	2.2	3910	2550	2300	1960	1700	1360
		13.6	49.6	23.15	148.6	126A6	32	8610	5620	5070	4320	3740	3000
16.9-30	W15L	429	1485	690	4394	8	1.7	5290	3450	3110	2650	2300	1840
		16.9	58.5	27.17	173	137A6	25	11650	7600	6850	5840	5070	4050
12.4-32	W10	315	1360	647	4223	8PR	2.3	3680	2400	2160	1840	1600	1280
		W11	12.4	53.5	25.5	166.3	124A6	33	8110	5290	4760	4050	3520
16.9-34	W15L	429	1585	730.40	4730	8	1.7	-	3650	3280	2790	2430	1940
		DW15L	16.9	62.4	28.8	186.2	139A6	25	-	8040	7220	6150	5350
12.4-36	W11	315	1465	699	4567	8	2.3	3910	2550	2300	1960	1700	1360
		12.4	57.7	27.52	179.8	126A6	33	8610	5620	5070	4320	3740	3000
18.4-38	W16L	467	1755	798.9	5121	8PR	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								
		SW mm	OD mm					Speed								
								Tractor application								
								bar	Static	5	10	15	20	25	30	35
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph		
8-18	W7	206	841	392	2556	6	1.9	1540	1140	940	870	800	720	670	640	600
		8.1	33.1	15.4	100.6	94A6	28	3400	2510	2070	1920	1760	1590	1480	1410	1320
8-18	W7X18	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
12.4-28	W11 W10	315	1260	583.9	3782	8	2.3	3570	2640	2170	2020	1860	1660	1550	1470	1400
		12.4	49.6	23	148.9	123A6	33	7870	5820	4784	4453	4101	3660	3417	3241	3086
12.4-28	W11, W10	312	1273	598	3936	12	3.3	3230	2660	2470	2280	2030	1900	1810	1700	4370
		12.3	50.1	23.5	155	130A6	48	7120	5860	5450	5030	4480	4190	3990	3750	9630
13.6-28	W12	345	1310	616	3974	8	1.8	6900	5100	4200	3900	3600	3210	3000	2850	2700
		13.6	51.6	24.3	156.5	125A6	26	15210	11240	9260	8600	7940	7080	6610	6280	5950
13.6-28	W12, W11	345	1310	605	3902	8	2	3350	2810	2310	2150	1980	1770	1650		
		13.6	51.6	23.8	153.6	125A6	29	7390	6200	5090	4740	4370	3900	3640		
14.9-28	W13, W12	374	1373	634	4099	12	2.6	4010	3300	3070	2830	2530	2360	2240	2120	5430
		14.7	54.1	25	161.4	138A6	38	8840	7280	6770	6240	5580	5200	4940	4670	11970
14.9-28	W13X28	378	1365	628	4037	8	1.8	4370	3230	2660	2470	2280	2030	1900	1810	1710
	W12X28	14.9	53.7	24.7	158.9	130A6	26	9630	7120	5860	5450	5030	4480	4190	3990	3770
14.9-28	W13X28	378	1365	624	4069	8	1.8	4370	3230	2660	2470	2280	2030	1900	1810	1710
	W12X28					130A6	26	9630	7120	5860	5450	5030	4480	4190	3990	3770
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
16.9-38	W10X28	426	1690	776	5020	8	1.7	5920	4380	3610	3350	3090	2760	2575	2450	2320
	W9X28	16.8	66.5	30.6	197.6	141A6A6	25	13050	9660	7960	7390	6810	6090	5680	5400	5120
16.9-38	W10X28	426	1690	776	5020	8	1.7	5920	4380	3610	3350	3090	2760	2575	2450	2320
	W9X28	16.8	66.5	30.6	197.6	141A6A6	25	13050	9660	7960	7390	6810	6090	5680	5400	5120

340 R-1

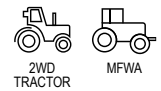
340 is designed for both on and off road applications. It provides superior traction during field operations and good comfort during on road applications. Its rubber compound provides high resistance to cut growth. The wide nose bar helps in delivering extra life on hard surfaces.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar /(psi)	Recommended Load Capacity				
		SW	OD					Mixed application				
								mm / in	mm / in	mm / in	mm / in	Static
9.5-18	W8 W9	241	895	419.7	2686	6	2.2	1790	1090	940	830	780
		9.5	35.2	16.5	105.7	99A6	32	3950	2400	2070	1830	1720

FarmPRO 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		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar /(psi)	Recommended Load Capacity						
		SW	OD					Mixed application						
		mm / in	mm / in					Static	10kmph	15kmph	20kmph	25kmph	30kmph	40kmph
180/95-14 (7-14)	6J	183	691	319.6	2083	6	2.5	1680	1100	-	990	840	730	580
		7.2	27.2	12.5	82	97A6/93A8	36	3700	2430	-	2180	1850	1610	1280
7-16	6LB	183	742	352	2257	6	2.5	1150	700	-	600	540	500	-
		7.2	29.2	13.9	89	84A6	36	2540	1540	-	1320	1190	1100	-
8-16	6LB	211	790	370	2390	6	1.9	1410	860	-	740	660	615	-
		8.3	31.1	14.6	94.1	91A6	28	3110	1900	-	1630	1460	1360	-
9.5-16	W8L	241	845	392	2525	6	2.1	1590	970	-	830	740	690	620
		9.5	33.3	15.4	99.4	95A6	30	3510	2140	-	1830	1630	1520	1370
13.6-24	W12	345	1210	549	3584	8	2	3565	2170	-	-	1660	1550	1400
		13.6	47.6	21.6	141.1	123A6 120A8	29	7860	4785	-	-	3660	3415	3085
16.9-24	W15	429	1335	601	3933	12	2.5	5750	3500	-	-	2675	2500	2240
		16.9	52.5	23.7	154.8	140A6 136A8	36	12675	7715	-	-	5895	5510	4935
14.9-28	W13	378	1367	627	4138	6	-	-	-	-	-	-	-	-
		14.9	53.8	24.7	162.9	-	-	-	-	-	-	-	-	-
16.9-30	W15	434.8	1490	671.3	4491	6	1.2	3910	2380	2210	2040	1820	1700	1530
		17.1	58.7	26.4	176.8	130A6 126A8	17	8620	5247	4872	4497	4012	3748	3373
18.4-38	W16	467	1750	795	5185	10	1.8	7475	4550	-	-	3475	3250	2900
		18.4	68.9	31.3	204.1	149 A6 145 A8	26	16480	10030	-	-	7660	7165	6395

304

R-1



The Alliance 304 is an R-1 tread drive wheel tire for application as Rear tractor tire. Its knife like lugs is 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.



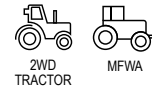
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Not high and sustained torque;				Field operation					
		Road transport															
		SW	OD									Static	10	20	30	40	50
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi		6	12	19	25	31	10 6	20 12	10 6		
18.4-28	W16L	467	1500	672	4406	8	1.4	5430	3540	2900	2530	2360	2150	3300	2830	2530	
	W15L	18.4	59.1	26.5	173.5	138A8	20	11970	7800	6390	5580	5200	4740	7280	6240	5580	
13.6-36	W12	345	1515	703	4548	8	2.1	4490	2930	2400	2090	1950	1770	2730	2340	2090	
	DW12	13.6	59.6	27.7	179.1	131A8	30	9900	6460	5290	4610	4300	3900	6020	5160	4610	
12.4-38	W11	315	1515	718.05	4576	6	1.7	3450	2250	1850	1610	1500	1370	2100	1800	1610	
	DW21A	12.4	59.6	28.3	180.2	122A8	25	7610	4960	4080	3550	3310	3020	4630	3970	3550	
13.6-38	W12	345	1565	736.3	4709	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
	DW12A	13.6	61.6	29.0	185.4	131A8	29	9900	6460	5290	4610	4300	3900	6020	5160	4610	
14.9-38	W13 DW12	378	1615	748	4843	8	1.8	4360	3270	2660	2330	2180	1980	3050	2620	2330	
	W12	14.9	63.6	29.4	190.7	135A8	26	9610	7210	5860	5140	4810	4370	6720	5780	5140	

Size	Rim	Unloaded Dimension		Loaded Stat-ic radius	Rolling Circumference	Load Index	Inflation Pressure	Recommended Load						
		SW	OD					Speed						
								Drive Wheel Application						
								mm	mm	mm	mm	PR	bar	Static
in	in	in	in	in	in	in	in	in	in	in	in	in	in	in
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	12322	7178	6590	5946	5732	5357	4874

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
								Tractor application					
								mm	mm	mm	mm	PR	bar
in	in	in	in	Symbols	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	
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
13.6-38/12-38	W12	345	1565	736	4691	8	2	4485	2925	2399	2087	1950	1775
	DW12A W11	13.6	61.6	29	184.7	131A8	29	9890	6450	5290	4600	4300	3910
13.6-38	W12, W11	345	1565	739.6	4739	8	2	4485	2925	2399	2087	1950	1775
	DW10	13.6	61.6	29.1	186.6	131A8	29	9888	6449	5289	4601	4299	3913

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load									
								Speed									
		Field operation									High Tor	Low Torque					
		Not high and sustained torque; Road transport															
		Static	10					20	30	40				50			
		mm	mm					mm	mm	mm	mm	bar	Static	10	20	30	40
in	in	in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	
12.4-24	W11 W10 W10H	315 12.4	1160 45.7	533 21	3461 136.3	4PR	1.1	2190	1430	1170	1020	950	860	1020	1330	1140	
						106A8	16	4830	3150	2580	2250	2090	1900	2250	2930	2510	
						6PR	1.7	2790	1820	1490	1300	1215	1110	1300	1700	1460	
						115A8	25	6150	4010	3290	2870	2680	2450	2870	3750	3220	
						8PR	2.3	3340	2180	1780	1550	1450	1320	1550	2030	1740	
						121A8	33	7360	4810	3920	3420	3200	2910	3420	4480	3840	
						4PR	0.9	1200	1570	1340	2580	1680	1380	1200	1120	1020	
						112A8	13	2650	3460	2950	5690	3700	3040	2650	2470	2250	
						6PR	1.4	1660	2170	1860	3570	2330	1910	1660	1550	1410	
						123A8	20	3660	4780	4100	7870	5140	4210	3660	3420	3110	
						8PR	1.8	1930	2520	2160	4140	2700	2210	1930	1800	1640	
						128A8	26	4260	5560	4760	9130	5950	4870	4260	3970	3620	
						6PR	1.3	4030	2630	2150	1870	1750	1590	1870	2450	2100	
						127A8	19	4120	5400	4630	8890	5800	4740	4120	3860	3510	
						8PR	1.7	4740	3090	2530	2200	2060	1870	2200	2880	2470	
						133A8	25	4850	6350	5450	10450	6810	5580	4850	4540	4120	
						4PR	1.2	2010	1310	1080	940	875	800	940	1230	1050	
						103A8	17	4430	2890	2380	2070	1930	1760	2070	2710	2320	
						6PR	1.8	2580	1680	1380	1200	1120	1020	1200	1570	1340	
						112A8		5690	3700	3040	2650	2470	2250	2650	3460	2950	
12.4-28	W11 W10 W10H	315	1260	583	3776	4PR	1.1	1100	1440	1240	2370	1550	1270	1100	1030	940	
						109A8	16	2430	3180	2730	5230	3420	2800	2430	2270	2070	
						6PR	1.7	1370	1800	1540	2960	1930	1580	1370	1285	1170	
						117A8	25	3020	3970	3400	6530	4260	3480	3020	2830	2580	
						4PR	1	1200	1570	1340	2580	1680	1380	1200	1120	1020	
13.6-28	W12 W11	345 13.6	1310 51.6	596 23.5	3885 153	112A8	15	2650	3460	2950	5690	3700	3040	2650	2470	2250	
						6PR	1.6	1550	2030	1740	3340	2180	1780	1550	1450	1320	
						121A8		3420	4480	3840	7360	4810	3920	3420	3200	2910	
						8PR	2	1770	2310	1980	3800	2480	2030	1770	1650	1500	
						125A8		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	6PR	1.4	1770	2310	1980	3800	2480	2030	1770	1650	1500	
						125A8	20	3900	5090	4370	8380	5470	4480	3900	3640	3310	
						8PR	1.8	2030	2660	2280	4370	2850	2340	2030	1900	1730	
						130A8	26	4480	5860	5030	9630	6280	5160	4480	4190	3810	

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	Inflation Pressure	Recommended Load					
								Speed					
		SW	OD			Mixed application							
						Static	10(1) (2) 6	20 16	25 19	30 25	40 25		
		mm	mm	mm	mm	Symbols	psi	kmph	kmph	kmph	kmph	kmph	kmph
13.6-28	W12	345	1310	624	4111	12PR	2.3	4140	2700	2430	2070	1800	1440
		13.58	51.57	24.56	161.85	128A6	33	9120	5950	5350	4560	3960	3170
14.9-28	W13	378	1365	644.6	4142	12PR	2.3	4880	3180	2860	2440	2120	1700
		14.88	53.74	25.37	163.07	134A6	33	10750	7000	6300	5370	4670	3740

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index	Inflation Pressure	Recommended Load					
								Speed					
		SW	OD			Mixed application							
						Static	10(1) (2) 6	20 16	25 19	30 25	40 25		
		mm	mm	mm	mm	Symbols	psi	kmph	kmph	kmph	kmph	kmph	kmph
16.9-30	W15L	429	1485	690	4483	12PR	2.4	6440	4200	3780	3220	2800	2240
		16.88	58.5	27.16	176.5	144A6	35	14190	9250	8330	7090	6170	4930
18.4-30	W16L	465	1550	719.5	4687	14PR	2.6	7940	5180	4660	3970	3450	2760
		18.3	61.02	28.3	184.5	151A6	38	17490	11410	10260	8740	7600	6080

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					
								Speed					
		SW	OD				Mixed application						
							bar	Static	10 6	20 12	25 16	30 19	40 25
		mm	mm	mm	mm		psi	kmph	kmph	kmph	kmph	kmph	kmph
16.9-30	W15Lx30	429	1485	687.5	4469	12PR	2.4	6640	4200	3780	3220	2800	2240
		16.9	58.5	27.1	175.9	144A6	35	14639	9259	8333	7099	6173	4938

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		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar /(psi)	Recommended Load Capacity					
		SW	OD					Max Load Capacity - kgs /(lbs)					
								Static	10kmph	20kmph	30kmph	40kmph	50kmph
		mm / in	mm / in	mm / in	mm / in								
11.2-24	W10	280	1100	493.3	3250	6	1.8	2440	1590	1300	1130	1060	960
		11.0	43.3	19.4	128	110A8	26	5380	3510	2870	2490	2340	2120
14.9-24	W13	375	1260	562.75	3668	6	1.4	3130	2040	1670	1460	1360	1220
		14.8	49.6	22.2	144.4	119A8	20	6900	4500	3680	3220	3000	2690
11.2-38	W10	284	1455	681.2	4344	6	1.8	2710	1770	1450	1260	1180	1070
		11.2	57.3	26.8	171	114A8	26	5980	3900	3200	2780	2600	2360

ROW CROP

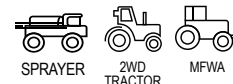


354 AGRIFLEX+

R-1W

SB

STEEL BELTED



The advanced 354 Agriflex+ Very Improved 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 than regular Row Crop tires, 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. 354 Agriflex+ gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)						
								Speed, km/h (mph)						
		SW	OD					Not high and sustained torque; Road transport					Cyclic*	
							Press.						Load	
		mm in	mm in	mm in	mm in		bar psi	10 6	15 9	20 12	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6
VF380/85R30	DW13	394	1412	625	4163	146D	1.6	3210	3000	3000	3000	2730	2	4650
	DW12	15.5	55.6	24.6	163.9		23	7080	6610	6610	6610	6020	29	10250
VF420/90R30	DW13	450	1518	669	4486	153D	1.6	3910	3650	3650	3650	3320	2	5660
	DW15	17.7	59.8	26.3	176.6		23	8620	8050	8050	8050	7320	29	12480
VF320/85R32	W11	319	1357	615	4017	139D	1.6	2600	2430	2430	2430	2210	2	3400
	W10	12.6	53.4	24.2	158.1		23	5730	5360	5360	5360	4870	29	7500
VF320/85R34	W11	325	1415	643	4217	143D	2	2920	2725	2725	2725	2480	2.5	3820
	W10	12.8	55.7	25.3	166		29	6440	6010	6010	6010	5470	36	8420
VF380/85R34	DW13	395	1524	679	4503	149D	1.6	3480	3250	3250	3250	2960	2	5040
	DW12	15.6	60	26.7	177.3		23	7670	7170	7170	7170	6530	29	11110
VF420/85R34	DW14L	417	1575	703	4662	159D	2.4	4690	4375	4375	4375	3980	3	6130
	DW15L	16.4	62	27.7	183.5		35	10330	9640	9640	9640	8770	44	13500
VF480/70R34	DW16L	495	1580	714	4719	160D	2.4	4820	4500	4500	4500	4100	3	6980
		19.5	62.2	28.1	185.8		35	10630	9920	9920	9920	9040	44	15390
VF320/80R38	W11	319	1505	694	4524	155D	3.6	4150	3875	3875	3875	3530	4.4	5430
	W10	12.6	59.3	27.3	178.1		52	9150	8540	8540	8540	7780	64	11970
VF380/80R38	DW13	398	1595	725	4710	154D	2.4	4020	3750	3750	3750	3410	3	5810
	DW12	15.7	62.8	28.5	185.4		35	8850	8260	8260	8260	7510	44	12800
320/85R38	W11	319	1505	694	4524	155D	3.6	4150	3875	3875	3875	3530	4.4	5430
	W12	12.6	59.3	27.3	178.1		52	9140	8540	8540	8540	7780	64	11960
VF380/95R38	DW13	390	1687	759	4997	159D	2.4	4690	4375	4375	4375	3980	3	6130
	DW12	15.4	66.4	29.9	196.7		29	10340	9650	9650	9650	8770	44	13510
VF480/80R42	DW16	489	1848	826	5490	162D	1.6	5090	4750	4750	4750	4320	2	7360
	DW15	19.3	72.8	32.5	216.1		23	11220	10470	10470	10470	9520	29	16230
VF320/90R46	DW10	315	1745	809	5290	160D	3.6	4820	4500	4500	4500	4100	4.4	6980
	DW11	12.4	68.7	31.9	208.3		52	10620	9910	9910	9910	9030	64	15370
VF320/105R46	DW11, DW10	325	1840	850	5583	172D	4.8	6750	6300	6300	6300	5730	5.6	9770
	DW12, W11 W12	12.8	72.4	33.5	219.8		70	14870	13880	13880	13880	12620	81	21520
VF380/90R46	DW13	391	1854	861	5549	173D	4.4	8130	6500	6500	6500	5920	5.2	10080
	DW12	15.4	73	33.9	218.5		64	17910	14320	14320	14320	13040	75	22200
VF420/80R46	W13	418	1840	833.1	5518	172D	4	6930	6615	6552	6489	5733	4.8	8820
		16.5	72.4	32.8	217.2		58	15280	14580	14450	13890	12640	70	19450
VF480/80R46	DW16	489	1948	876	5806	164D	1.6	5360	5000	5000	5000	4550	2	7750
	DW15	19.3	76.7	34.5	228.6		23	11820	11020	11020	11020	10030	29	17090
VF520/85R46	DW18	530	2052	916	6026	170D	1.6	6430	6000	6000	6000	5460	2	9300
	DW16	20.9	80.8	36.1	237.2		23	14160	13220	13220	13220	12030	29	20480
VF340/85R48	W12	343	1808	841	5489	164D	4	5360	5000	5000	5000	4550	4.8	7000
	W11	13.5	71.2	33.1	216.1		58	11810		11010	11010	10020	70	15420
VF320/90R50	W11	319	1848	864	5620	166D	4.4	5680	5300	5300	5300	4820	5.2	8220
	W10, W12	12.6	72.8	34	221.3		64	12510	11670	11670	11670	10620	75	18110
VF320/105R50	DW11	323	1938	894	5836	158D	2.4	4550	4250	4250	4250	3870	3	5950
	DW10, DW12	12.7	76.3	35.2	229.8		35	10020	9360	9360	9360	8520	44	13110
VF380/90R50	DW13	385	1956	901	5880	175D	4.4	7390	6900	6900	6900	6280	5.2	9660
	DW12	15.2	77	35.5	231.5		64	16290	15210	15210	15210	13850	75	21300
VF380/105R50	DW13	397	2052	940	6176	179D	4.4	8300	7750	7750	7750	7050	5.2	10850
	DW12	15.6	80.8	37	243.1		64	18280	17070	17070	17070	15530	75	23900
VF480/80R50						171D	2.4	6590	6150	6150	6150	—	3	9530
							35	14520	13550	13550	13550	—	44	20990
	DW16	479	2050	936	6114	179D	3.6	8300	7750	7750	7750	7050	4.4	12010
	DW15	18.9	80.7	36.9	240.7		52	18280	17070	17070	17070	15530	64	26450
VF420/95R50	DW14, DW13	425	2052	932	6131	177D	3.6	9130	8150	7480	7300	6640	4.4	11320
	W14, W13	16.7	80.8	36.7	241.4		52	20110	17950	16480	16080	14630	64	24930

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		Not high and sustained torque; Road transport										Cyclic*					
		SW	OD													Press.	Load
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6				
VF480/95R50	DW16	485	2187	984	6550	176D	2.4	7610	7100	7100	7100	6460	3	11010			
	DW15	19.1	86.1	38.7	257.9		35	16760	15640	15640	15640	14230	44	24250			
VF230/115R54	W8	257	1947	912	5931	151D	3.2	3700	3450	3450	3450	3140	4	4830			
		10.1	76.7	35.9	233.5		46	8150	7600	7600	7600	6920	58	10640			
VF270/105R54	W10	285	1946	910	5930	160D	4	4820	4500	4500	4500	4100	4.8	6300			
		11.2	76.6	35.8	233.5		58	10630	9920	9920	9920	9040	70	13890			
VF320/105R54	DW11	325	2040	950	6214	172D	4.4	6750	6300	6300	6300	5730	5.2	8820			
	DW10 DW12	12.8	80.3	37.4	244.6		64	14870	13880	13880	13880	12620	75	19430			
VF320/90R54	DW11 DW10	320	1950	911	5944	168D	4.4	6000	5600	5600	5600	5100	5.2	7840			
	DW12	12.6	76.8	35.9	234		64	13230	12350	12350	12350	11240	75	17280			
VF380/90R54	DW13	383	2050	951	6199	176D	4.4	7610	7100	7100	7100	6460	5.2	9940			
	DW12	15.1	80.7	37.4	244.1		64	16780	15650	15650	15650	14240	75	21910			
VF380/105R54*						183D	-----UNDER DEVELOPMENT-----										

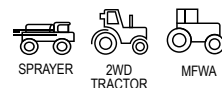
Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Infl. press	Recommend load, kg (lbs)																	
								Speed, km/h (mph)																	
		Not high and sustained torque; Road transport																		Cyclic Operation					
		SW	OD					10	15	20	25	30	35	40	45	50	55	60	65	70	Infl.	10			
mm	mm	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	press	kmph								
VF320/80R42	W11	320	1580	739.1	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	7770	64	11960				
VF420/95R34	W14L	419	1662	731.2	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	9548	9458	9367	9277	9184	9094	9094	9094	9094	9094	9094	8276	35	12732				

363 AGRIFLEX+

R-1

SB

STEEL BELTED



363 Agriflex+ Very Improved Flexion (VF) is a tire for modern methods in 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. Large number of blocks and high rubber to void tread ratio, ensures long tread life, comfort and low rolling resistance during transport operation on hard surfaces. 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		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)						
		dimension						Speed, km/h (mph)						
		SW	OD					Not high and sustained torque; Road transport					Cyclic*	
		mm in	mm in	mm in	mm in		10 6	15 9	20 12	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	
VF270/95R32	W9	284	1330	609	3968	138D	2.4	2530	2360	2360	2360	2150	3	3304
	W10	11.2	52.4	24	156.2		35	5580	5200	5200	5200	4740	44	7280
VF270/95R36	W9	276	1424	660	4287	140D	2.4	2680	2500	2500	2500	2280	3	3500
	W10	10.9	56.1	26	168.8		35	5910	5510	5510	5510	5030	44	7720
380/80R38	DW12	380	1590	721	4788	154D	2.4	4020	3750	3750	3750	3410	3	5250
		14.96	62.6	28.39	188.5		35	8863	8267	8267	8267	7518	44	11574
VF270/95R38	W9	278	1476	681	4432	141D	2.4	2760	2575	2575	2575	2340	3	3605
	W10	10.9	58.1	26.8	174.5		35	6090	5680	5680	5680	5160	44	7950
VF320/90R46	DW10, DW11	308	1748	808	5333	155D	2.8	4150	3875	3875	3875	3530	3.5	5430
	DW12	12.1	68.8	31.8	210		41	9140	8540	8540	8540	7780	51	11960
VF380/90R46	DW13	389	1842	848	5548	173D	4.4	8130	7260	6660	6500	5920	5.2	10075
	DW12, W12 W13	15.3	72.5	33.4	218.4		64	17910	15990	14670	14320	13040	75	22190
VF230/95R48	W8	232	1660	784	5058	146D	3.6	3210	3000	3000	3000	2730	4.4	4650
	W9	9.1	65.4	30.9	199.1		52	7070	6610	6610	6610	6010	64	10240
VF270/95R48	DW10	275	1733	816	5329	155D	4	4150	3875	3875	3875	3530	4.8	6010
	DW9, W10	10.8	68.2	32.1	209.8		58	9140	8540	8540	8540	7780	70	13240
VF320/90R50	DW11	330	1846	862	5617	166D	4.4	5680	5300	5300	5300	4820	5.2	7420
	DW10	13	72.7	33.9	221.1		64	12510	11670	11670	11670	10620	75	16340
VF480/80R50	DW16L	475	2038	919	6103	169D	2	6210	5800	5800	5800	5280	2.5	8120
	DW15L	18.7	80.2	36.2	240.3		29	13680	12780	12780	12780	11630	36	17890
VF270/95R54	DW10	287	1894	894	5763	156D	3.6	4290	4000	4000	4000	3640	4.4	6200
	DW9	11.3	74.6	35.2	226.9		52	9450	8810	8810	8810	8020	64	13660

Size	Rim	Unloaded Dimension		Load- ed Static radius	RC	Load Index PR Symbols	Infl. press	Recommended Load													
								Speed													
		Tractor Application																			
		SW	OD					10	15	20	25	30	35	40	45	50	55	60	65	70	
		mm	mm					mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
VF380/105R50	W13	400	2050	945.5	6206	179D	4.4	8525	8138	8060	7983	7905	7828	7750	7750	7750	7750	7750	7750	7750	7750
		15.7	80.7	37.2	244.3		64	18790	17940	17770	17600	17430	17260	17090	17090	17090	17090	17090	17090	17090	15550

354 AGRIFLEX

R-1W

SB

STEEL BELTED



The advanced 354 Agriflex Improved Flexion (IF) is designed to carry same load as 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 than regular Row Crop tires, 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. 354 Agriflex gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



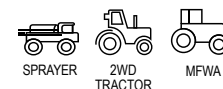
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW OD						Speed, km/h (mph)						Cyclic*	
								Not high and sustained torque; Road transport							
		mm in	mm in	mm in	mm in			10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6
IF420/85R34	W14L	417	1575	709	4681	154D	2.4	4690	4190	3840	—	3750	3410	3	5813
	W15L	16.4	62	27.9	184.3		35	10330	9230	8460	—	8260	7510	44	12800
IF380/80R38	DW13	398	1595	728	4706	149D	2.4	4060	3630	3330	—	3250	2960	3	5038
	DW12	15.7	62.8	28.7	185.3		35	8940	8000	7330	—	7160	6520	44	11100
IF380/95R38	DW13	390	1687	767	5018	154D	2.4	4690	4190	3840	—	3750	3410	3	5813
	DW12	15.4	66.4	30.2	197.5		35	10330	9230	8460	—	8260	7510	44	12800
IF320/105R46	DW11	345 13.6	1840 72.4	857 33.7	5553 218.6	166D	4.8 70	6630 14600	5920 13040	5430 11960	— —	5300 11670	4820 10620	5.6 81	8215 18090
IF320/90R46	DW10	320	1744	814	5283	155D	3.6	4840	4330	3970	—	3875	3530	4.4	6006
	DW11	12.6	68.7	32	208		52	10660	9540	8740	—	8540	7780	64	13230
IF380/90R46	DW13	391 15.4	1854 73	861 33.9	5585 219.9	168D	4.4	7000	6250	5740	—	5600	5100	5.2	8680
							64	15420	13770	12640	—	12330	11230	75	19120
	DW12	173D	5.2	8130	7260	6660	—	6500	5920	6	10075				
			75	17910	15990	14670	—	14320	13040	87	22190				
IF520/85R46	DW18	530	2052	916	6013	165D	1.6	6440	5750	5280	—	5150	4690	2	7983
	DW16	20.9	80.8	36.1	236.7		23	14190	12670	11630	—	11340	10330	29	17580
IF340/85R48	DW12	343	1808	850	5480	159D	4	5470	4890	4480	—	4375	3980	4.8	6781
		13.5	71.2	33.5	215.7		58	12050	10770	9870	—	9640	8770	70	14940
IF320/90R50	DW11	319	1846	871	5645	161D	4.4	5780	5160	4740	—	4625	4210	5.2	7169
	W10	12.6	72.7	34.3	222.2		64	12730	11370	10440	—	10190	9270	75	15790
	W12														
IF320/105R50	DW11	323	1938	909	5830	152D	2.4	4440	3960	3640		3550	3230	3	5503
	DW12 DW10	12.7	76.3	35.8	229.5		35	9780	8720	8020		7820	7110	44	12120
IF380/90R50	DW13	385	1956	906	5896	170D	4.4	7500	6700	6150	—	6000	5460	5.2	9300
	DW12	15.2	77	35.7	232.1		64	16520	14760	13550	—	13220	12030	75	20480
IF380/105R50	DW13	399	2052	947	6187	177D	4.8	9130	8150	7480	—	7300	6640	5.6	11315
	DW12	15.7	80.8	37.3	243.6		70	20110	17950	16480	—	16080	14630	81	24920
IF480/80R50	DW16	479	2050	946	6153	166D	2.4	6630	5920	5430	—	5300	4820	3	8215
	DW15	18.9	80.7	37.2	242.2		35	14600	13040	11960	—	11670	10620	44	18090
IF480/95R50	DW16	480	2187	988	6518	165D	1.6	6440	5750	5280	—	5150	4690	2	7983
	DW15	18.9	86.1	38.9	256.6		23	14190	12670	11630	—	11340	10330	29	17580
IF230/115R54	W8	257	1947	921	5941	145D	3.2	3630	3240	2970	—	2900	2640	4	4495
		10.1	76.7	36.3	233.9		46	8000	7140	6540	—	6390	5810	58	9900
IF270/105R54	W10	280	1946	917	5949	158D	4.4	5310	4750	4360	—	4250	3870	5.2	6588
		11	76.6	36.1	234.2		64	11700	10460	9600	—	9360	8520	75	14510
IF320/90R54	DW11	322	1950	922	5972	162D	4.4	5940	5300	4870	—	4750	4320	5.2	7363
	DW10	12.7	76.8	36.3	235.1		64	13080	11670	10730	—	10460	9520	75	16220
	DW12														
IF320/105R54	DW11	330	2040	959	6230	167D	4.4	6810	6090	5590	—	5450	4960	5.2	8448
	DW12	13	80.3	37.8	245.3		64	15000	13410	12310	—	12000	10930	75	18610
IF380/90R54	DW13	380	2056	959	6231	171D	4.4	7690	6870	6300	—	6150	5600	5.2	9533
	DW12	15	80.9	37.8	245.3		64	16940	15130	13880	—	13550	12330	75	21000
IF380/105R54	DW13	395	2163	1001	6532	180D	5.2	10000	8930	8200	—	8000	7280	6	12400
	DW12	15.6	85.2	39.4	257.2		75	22050	19690	18080		17640	16050	87	27340

363 AGRIFLEX

R-1

SB

STEEL BELTED



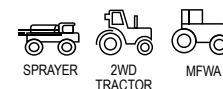
363 Agriflex Improved Flexion (IF) is a tire for modern methods in field spraying. It is an optimal tire for heavy and high speed self propelled sprayers. The IFtire construction enables working with higher tire deflection, providing up to 20% higher load carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. Larger number of blocks and high rubber to void tread ratio, ensures longer tread life, comfort and low rolling resistances during transport operation on hard surfaces. Larger tire footprint area provides higher traction, reduces fuel costs and minimizes soil compaction. Steel belted carcass structure ensures uniform ground pressure distribution, puncture protection and extended tread life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)								Cyclic*					
		SW	OD	Not high and sustained torque; Road transport								Press.	Load		
		mm in	mm in	mm in	mm in		bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6
IF320/90R46	DW10														
	DW11	308 12.1	1748 68.8	821 32.3	5324 209.6	155D	3.6 52	4840 10660	4330 9540	3970 8740		3875 8540	3530 7780	4.4 64	6006 13230
	DW12														
IF380/90R46	DW13														
	DW12	389 15.3	1842 72.5	853 33.6	5592 220.2	168D	4.4 64	7000 15420	6250 13770	5740 12640	—	5600 12330	5100 11230	5.2 75	8680 19120
	W12														
	W13														
IF480/80R50	DW16	480 18.9	2038 80.2	940 37	6153 242.3	166D	2.4 35	6630 14600	5920 13040	5430 11960	—	5300 11670	4820 10620	3 44	8215 18090

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	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		1) Not high and sustained torque; 2) Road transport														
		Non cyclic operation						Cyclic operation								
		Field	25 16				40 25	50 31	65 40	70 44	bar psi	10 6	15 9			
mm in	mm in	mm in	mm in	mm in	mm in	bar psi										
230/95R28 (9.5R28)	W8	241	1140	530	3418	109A8	1.6	1100	1140	1030	940			2	1750	1600
	W7	9.5	61	28.7	187.8	106B	23	2420	2510	2270	2070			29	3850	3520
210/95R32 (8.3R32)	W7 W6	211 8.3	1190 46.9	553 21.8	3668 144.4	103D	2.4	1010	1040	960	920	875	800	3	1490	1360
						114A2	35	2220	2290	2110	2030	1930	1760	44	3280	3000
						116D	3.6	1440	1480	1370	1310	1250	1140	4.5	2130	1940
						119A8	52	3170	3260	3020	2890	2750	2510	65	4690	4270
230/95R32 (9.5R32)	W8 W7	241 9.5	1245 49	582 22.9	3796 149.4	128D	3.6	2070	2130	1970	1890	1800	1640	4.5	3060	2790
						131A8	52	4564	4696	4343	4167	3968	3616	65	6746	6151
						115D	2.4	1400	1440	1330	1280	1215	1110	3	2070	1880
						126A2	35	3086	3175	2932	2822	2679	2447	44	4564	4145
270/95R32 (11.2R32)	W10 W9 W8	284 11.2	1300 51.2	601 23.7	3946 155.4	132D	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100
						135A8	52	5071	5225	4828	4630	4409	4012	65	7496	6834
						121D	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250
						132A2	35	3682	3792	3505	3351	3197	2910	44	5445	4960
320/85R34 (12.4R34)	W11	329	1408	652	4239	141A8	3.6	2760	3450	2860	2760	2575	2340	4.5	4380	3990
		13	55.4	25.7	166.9		52	6085	7606	6305	6085	5677	5159	65	9656	8796
210/95R36 (8.3R36)	W7 W6	211 8.3	1290 50.8	607 23.9	3970 156.3	118D	3.6	1520	1560	1450	1390	1320	1200	4.5	2240	2050
						121A8	52	3351	3439	3197	3064	2910	2646	65	4938	4519
						105D	2.4	1060	1100	1010	970	925	840	3	1570	1430
						116A2	35	2337	2425	2227	2138	2039	1852	44	3461	3153

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Field	1) Not high and sustained torque; 2) Road transport								
									Non cyclic operation					Cyclic operation			
				25 16	40 25		50 31		65 40	70 44	bar psi	10 6	15 9				
230/95R36 (9.5R36)	W8 W7	241	1345	625	4140	130D	3.6	2190	2250	2080	2000	1900	1730	4.5	3230	2950	
		9.5	53	24.6	163	133A8	52	4828	4960	4586	4409	4189	3814	65	7121	6504	
						117D	2.4	1480	1520	1410	1350	1285	1170	3	2180	1990	
						128A2	35	3263	3351	3109	2976	2833	2579	44	4806	4387	
270/95R36 (11.2R36)	W10 W9 W8	284	1410	654	4327	136D	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470	
		11.2	55.5	25.7	170.4	139A8	52	5688	5842	5401	5181	4938	4497	65	8400	7650	
						123D	2.4	1780	1840	1700	1630	1550	1410	3	2640	2400	
						134A2	35	3924	4057	3748	3594	3417	3109	44	5820	5291	
270/95R38 (11.2R38)	W10 W9 W8	284	1456	680	4480	137D	3.6	2650	2730	2520	2420	2300	2090	4.5	3910	3570	
		11.2	57.3	26.8	176.4	140A8	52	5842	6019	5556	5335	5071	4608	65	8620	7870	
						124D	2.4	1840	1900	1750	1680	1600	1460	3	2720	2480	
						135A2	35	4057	4189	3858	3704	3527	3219	44	5997	5467	
230/95R40 (9.5R40)	W7 W8	241	1460	686	4471	132D	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100	
		9.48	57.48	27	176.02	135A8	52	5070	5220	4820	4630	4410	4010	65	7490	6830	
230/95R42 (9.5R42)	W7 W8	228	1505	712	4537	133D	4	2370	2440	2260	2160	2060	1870	5	3500	3190	
		9	59.3	28	178.6	136A8	59	5220	5370	4980	4760	4540	4120	74	7710	7030	
270/95R42 (11.2R42)	W10 W9 W8					139D	3.6	2790	2880	2660	2550	2430	2210	4.5	4130	3770	
		284	1565	736	4770	142A8	52	6151	6349	5864	5622	5357	4872	65	9105	8311	
		11.2	61.6	29	187.8	126D	2.4	1960	2010	1860	1790	1700	1550	3	2890	2640	
						137A2	35	4321	4431	4101	3946	3748	3417	44	6371	5820	
210/95R44 (8.3R44)	W7 W6					126D	3.6	1960	2010	1860	1790	1700	1550	4.5	2890	2640	
		211	1495	708	4641	129A8	52	4321	4431	4101	3946	3748	3417	65	6371	5820	
		8.3	58.9	27.9	182.7	113D	2.4	1320	1360	1260	1210	1150	1050	3	1960	1780	
						124A2	35	2910	2998	2778	2668	2535	2315	44	4321	3924	
230/95R44 (9.5R44)	W8 W7					121D	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250	
		241	1550	730	4810	124A8	35	3682	3792	3505	3351	3197	2910	44	5445	4960	
		9.5	61	28.7	189.4	134D	3.6	2440	2510	2320	2230	2120	1930	4.5	3600	3290	
						137A8	52	5379	5534	5115	4916	4674	4255	65	7937	7253	
270/95R44 (11.2R44)	W10 W9 W8					140D	3.6	2880	2960	2740	2630	2500	2280	4.5	4250	3880	
						143A8	52	6349	6526	6041	5798	5512	5027	65	9370	8554	
		284	1605	752	4875	127D	2.4	2010	2070	1920	1840	1750	1590	3	2980	2710	
		11.2	63.2	29.6	191.9	138A2	35	4431	4564	4233	4057	3858	3505	44	6570	5975	
						142D	4	3050	3140	2900	2780	2650	2410	5	4510	4110	
						145A8	58	6724	6923	6393	6129	5842	5313	73	9943	9061	
270/95R46 (11.2R46)	W10 W9 W8					141D	3.6	2960	3050	2820	2700	2575	2340	4.5	4380	3990	
		284	1665	774	5121	144A8	52	6526	6724	6217	5952	5677	5159	65	9656	8796	
		11.2	65.6	30.5	201.6	128D	2.4	2070	2130	1970	1890	1800	1640	3	3060	2790	
						139A2	35	4564	4696	4343	4167	3968	3616	44	6746	6151	
300/95R46 (12.4R46) (320/90R46)	W11 W10 W9					148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880	
		315	1727	807	5294	151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759	
		12.4	68	31.8	208.4	132D	2.4	2300	2370	2190	2100	2000	1820	3	3400	3100	
						143A2	35	5071	5225	4828	4630	4409	4012	44	7496	6834	
340/85R46 (13.4R46)	W12 W11	340	1760	824	5437	150D	3.6	3850	3970	3670	3520	3350	—	4.5	5700	5190	
		13.4	69.3	32.4	214.1	153A8	52	8480	8740	8080	7750	7380	—	65	12560	11430	
380/105R46	W12 W13 W11	394	1950	898	5916	158D	3	4890	5040	4650	4460	4250	3870	3.8	7230	6590	
		15.5	76.8	35.4	232.9		44	10781	11111	10251	9833	9370	8532	55	15939	14528	
380/90R46	W13 W12	380	1824	864.5	5633	172D	5.8	7250	7470	6900	6620	6300	5730	7.3	10710	9770	
		15	71.8	34	221.8	175A8	84	15980	16470	15210	14600	13890	12630	106	23610	21540	
380/90R46 (14.9R46)	W13 W12 W11					142D	2.1	3050	3140	2900	2780	2650	2410	2.6	4510	4110	
						145A8	30	6724	6923	6393	6129	5842	5313	38	9943	9061	
						149D	2.4	3740	3850	3560	3410	3250	2960	3	5530	5040	
		378	1824	851	5503	152A8	35	8245	8488	7848	7518	7165	6526	44	12192	11111	
		14.9	71.8	33.5	216.7	159D	4	5030	5180	4790	4590	4375	3980	5	7440	6780	
						162A8	58	11089	11420	10560	10119	9645	8774	73	16402	14947	
						172D	5.8	7250	7470	6900	6620	6300	5730	7.3	10710	9770	
				175A8	84	15983	16469	15212	14595	13889	12632	106	23611	21539			

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD					Field	1) Not high and sustained torque; 2) Road transport									
									Non cyclic operation					Cyclic operation				
									25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9		
230/95R48 (9.5R48)	W8 W7	241 9.5	1650 65	787 31	5119 201.5	136D	3.6		2580	2650	2450	2350	2240	2040	4.5	3810	3470	
						139A8	52		5688	5842	5401	5181	4938	4497	65	8400	7650	
						123D	2.4	1780	1840	1700	1630	1550	1410	3	2640	2400		
						134A2	35	3924	4057	3748	3594	3417	3109	44	5820	5291		
270/95R48 (11.2R48)	W10 W9 W8	284 11.2	1710 67.3	811 31.9	5221 205.5	129D	3.6	2130	2190	2030	1940	1850	—	3	3150	2870		
						142D	35	4690	4820	4470	4270	4070	—	44	6940	6320		
						145A8	3.6	3050	3140	2900	2780	2650	—	4.5	4510	4110		
						145A8	52	6720	6920	6390	6120	5840	—	65	9930	9050		
340/85R48 (13.6R48)	W12 W11	345 13.6	1805 71.1	854 33.6	5620 221.3	148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880		
						151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759		
						135D	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380		
						146A2	35	5534	5688	5269	5049	4806	4365	44	8179	7452		
						151D	4.2	3970	4090	3780	3620	3450	3140	5.3	5870	5350		
						154A8	61	8752	9017	8333	7981	7606	6923	77	12941	11795		
						156D	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200		
320/90R50 (12.4R50)	W11 W10 W9	325 12.8	1867 73.5	878 34.6	5684 223.8	150D	3.6	4890	5040	4650	4460	4250	3870	4.5	7230	6590		
						153A8	52	8480	8740	8080	7750	7380	6720	65	12560	11430		
380/105R50	W12 W11	405 15.9	2050 80.7	955 37.6	6214 244.6	168D	4.4	6440	6640	6130	5880	5600	5100	5.5	9520	8680		
						171A8	64	14198	14639	13514	12963	12346	11244	80	20988	19136		
380/90R50 (14.9R50)	W12 W11 W12L	384 15.1	1950 76.8	916 36.1	5939 233.8	151D	2.4	3970	4090	3780	3620	3450	3140	3	5870	5350		
						154A8	35	8752	9017	8333	7981	7606	6923	44	12941	11795		
						152D	-----UNDER DEVELOPMENT-----											
						152A8*												
						158D	3.6	4890	5040	4650	4460	4250	3870	4.5	7230	6590		
						161A8	52	10781	11111	10251	9833	9370	8532	65	15939	14528		
						148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880		
300/95R52 (12.4R52)	W10 W9 W8 W11 DW10 DW11	310 12.2	1890 74.4	898.5 35.4	5797 228.2	151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759		
						156D	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200		
						159A8	70	10141	10450	9656	9259	8818	8025	87	14991	13669		
						135D	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380		
						146A2	35	5534	5688	5269	5049	4806	4365	44	8179	7452		
						149D	3.6		3851	3559	3413	3250	2958	4.5	5525	5038		
						152A8	52		8490	7846	7524	7165	6521	65	12181	11107		
270/95R54 (11.2R54)	W10 W9 W8	285 11.2	1900 74.8	903 35.39	5826 228.62	146D	3.6	3450	3560	3290	3150	3000	2730	4.5	5100	4650		
						149A8	52	7600	7840	7250	6940	6610	6010	65	11230	10240		
320/90R54	W10 W9 W11	325 12.8	1958 77.1	928 36.5	6093 239.9	151D	3.6	3970	4090	3780	3620	3450	—	4.5	5870	5350		
						162A2	52	8740	9010	8330	7970	7600	—	65	12930	11780		
380/90R54 (14.9R54)	W12 W11 W13	388 15.3	2055 80.9	960 37.8	6257 246.3	152D	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500		
						155A8	35	8995	9281	8576	8223	7826	7121	44	13316	12125		
						171D	4.8	7070	7290	6730	6460	6150	5600	6	10460	9530		
						174A8	70	15587	16072	14837	14242	13558	12346	87	23060	21010		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										
								Speed										
		Not high and sustained torque; Road transport										Inflation Pressure	Field operation					
		10	20					25	30	35	40		65	5	10			
		mm in	mm in					mm in	mm in	mm in	bar psi		kmph	kmph	kmph	kmph	kmph	kmph
270/95R54 (11.2R54) Steel Belted	W10, W9, W8	285	1900	903	5961	156D	6	6000	4920	4440	4280	4120	4000	4000	7.6	7790	5450	
		11.2	74.8	35.6	229.4	167A2	87	13230	10850	9790	9440	9080	8820	8820	110	17170	12020	

COMBINE HARVESTER



372 AGRIFLEX+

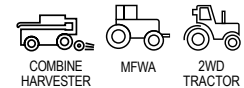
R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD



The advanced 372 Agriflex+ Very Improved Flexion (VF) designed with increased sidewall flexibility enables the tire to carry (up to 40%) more 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 footprint enables high traction, reduces fuel costs and increases overall operation productivity. The R-1W pattern enables excellent grip as well as 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)											
		Speed, km/h (mph)										Cyclic*		CFO*					
		Not high and sustained torque; Road transport																	
		SW	OD	10 6	15 9		20 12	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	Load 15 9	Load 30 19						
VF520/80R26 CFO	DW16L	505	1465	627	4335	168A8	2.8	6000	5600	5600					7448	6216			
	DW18L	19.9	57.7	24.7	170.7		41	13230	12350	12350					16420	13700			
VF620/70R26 CFO	DW21B	626	1485	644	4341	170D	2.4	6430	6000	6000	6000	5460	—	—	7980	6660			
	DW20B	24.6	58.5	25.4	171		35	14160	13220	13220	13220	12030	—	—	17580	14670			
VF750/65R26	DW25B	754	1636	698	4755	177B	2.4	7820	7300	7300	7300	6640	3	10220					
	DW27B	29.7	64.4	27.5	187.2		35	17240	16090	16090	16090	14640	44	22530					
VF600/65R28 CFO	DW21B	607	1485	650	4382	163D	2	5360	5120	5070	4875	4440			6480	5410			
		23.8	58.4	25.5	172.5		29	11817	11288	11177	10748	9789			14286	11927			
VF800/65R32 CFO	DW27B	775	1845	769	5416	184D	2.4		9000	9000	9000	8190		9640	11970	9990			
		30.5	72.6	30.3	213.2		35		19840	19840	19840	18060		21250	26390	22020			
VF800/70R32*						185D	-----UNDER DEVELOPMENT-----												
VF900/60R32*						196D	-----UNDER DEVELOPMENT-----												
VF800/70R38 CFO	DW27B	820	2085	911	6173	190A8	2.4	11360	10600	10600	10600				14098	11766			
		32.3	82.1	35.9	243		35	25040	23370	23370	23370				31080	25940			
VF900/60R38 CFO	DW30B	888	2035	876	5964	187A8	2	10450	9750	9750		8870			12968	10823			
	DW28B	35	80.1	34.5	234.8		29	23020	21480	21480		19540			28560	23840			
						188D*	-----UNDER DEVELOPMENT-----												
VF520/85R42 CFO	DW16L	540	1955	874	5806	177A8	2.8	7820	7300	7300	7300	6640			9709	8103			
	DW18L	21.3	77	34.4	228.6		41	17240	16090	16090	16090	14640			21410	17860			
VF710/60R42 NRO	DW25B	710	1923	850	5656	161D	1	4960	4625	4625	4625	4210	1.3	7169					
	DW23B	28	75.7	33.5	222.7		15	10930	10190	10190	10190	9270	18	15790					
VF710/70R42 CFO	DW25B	745	2062	924	6094	185D	2.4	9910	9250	9250	9250	8420			12303	10268			
		29.3	81.2	36.4	239.9		35	21850	20390	20390	20390	18560			27120	22640			

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load									
								Speed									
		CFO						Not high and sustained torque; Road transport									
								15	30	15	20	25	30	35	40	45	50
		mm	mm					mm	mm	bar	kmph	kmph	kmph	kmph	kmph	kmph	kmph
VF800/70R32	DW27B	820	1933	816	5730	185A8	2	14338	12025	9713	9620	9528	9435	9343	9250	8880	8418
		32.3	76.1	32.1	225.6		29	31610	26510	21410	21210	21010	20800	20600	20390	19580	18560

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load														
		SW	OD					Speed													Cyclic operations	
								Not high and sustained torque; Road transport														
				mm	mm	mm	mm	bar	10	15	20	25	30	35	40	45	50	55	60	65	70	bar
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	psi	kmph		
VF420/85R28	W15L W14, W15 W14L, W13	448	1437	628	4254	151D	1.6	3795	3623	3588	3554	3519	3485	3450	3450	3450	3450	3450	3450	3450	2.4	4830
		17.6	56.6	24.7	167.5		23	8370	7990	7910	7840	7760	7680	7610	7610	7610	7610	7610	7610	7610	35	10650
VF620/75R30	DW20B DW20	650	1675	720	4866	169D	1.6	6380	6090	6032	5974	5916	5858	5800	5800	5800	5800	5800	5800	5800	2.4	8120
		25.6	65.9	28.3	191.6		23	14070	13430	13300	13170	13040	12920	12790	12790	12790	12790	12790	12790	12790	35	17900
VF710/55R30	25	710	1545	673	4554	165D	1.6	5665	5408	5356	-	5253	-	5150	-	5150	-	-	5150	4687	2.4	7210
		28	60.8	26.5	179.3		23	12490	11920	11810	-	11580	-	11350	-	11350	-	-	11350	10330	35	15900
710/60R30	DW25B DB23B (NRO)	710	1615	696	4744	171D	2.0	6590	6150	6150	6150	-	-	-	-	-	-	-	-	5600	2.5	8610
		28	63.6	27.4	186.8		29	14520	13550	13550	13550	-	-	-	-	-	-	-	-	12330	36	18960
VF600/70R34	DW21B DW20	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	12015	-	-	-	-	-	-	-	-	10935	29	16821
VF710/70R38	DW25B DW24B DW23B	720	1959	843	5735	178D	1.6	8250	-	-	7725	7650	-	7500	-	7500	-	7500	7500	6825	2.4	10500
		28.3	77.1	33.2	225.8		23	18190	-	-	17030	16870	-	16540	-	16540	-	16540	16540	15050	35	23150

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load														
		SW	OD					Speed												Cyclic operations		
				Not high and sustained torque; Road transport																		
				mm in	mm in	mm in	mm in	bar psi	10 kmph	15 kmph	20 kmph	25 kmph	30 kmph	35 kmph	40 kmph	45 kmph	50 kmph	55 kmph	60 kmph	65 kmph	70 kmph	bar psi
VF650/75R38	DW23B	666	1940	840	5702	175D	1.6	7590	7245	7176	7107	7038	6969	6900	6900	6900		6900	6900	6279	2.4	9660
	DW21B	26.2	76.4	33.1	224.5		23	16730	15970	15820	15670	15520	15360	15210	15210		15210	15210	13840	35	21300	
VF710/75R42	DW24B	725	2153	940	6279	181D	1.6	9075	-	-	8498	8415	-	8250	-	8250	-	8250	8250	7508	2.4	11550
	DW25B DW23B	28.5	84.8	37	247.2		23	20010	-	-	18740	18550	-	18190	-	18190	-	18190	18190	16550	35	25460
580/85R42	DW20B	595	2040	910	6054	183D	2.8	9380	8750	8750	8750	-	-	-	-	-	-	-	7960	3.5	12250	
		23.4	80.3	35.8	238.3		41	20660	19270	19270	19270	-	-	-	-	-	-	-	17530	51	26980	

372 AGRIFLEX

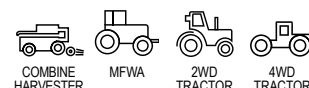
R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD



The advanced 372 Agriflex 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 operation productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.

372 AGRIFLEX CFO



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)						CFO*	
								Not high and sustained torque; Road transport							
								mm in	mm in	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44
IF520/80R26 CFO	DW16	505	1465	651	4372	165A8	3.2	6440	5750	5280	5150	—	—	7980	6700
		19.9	57.7	25.6	172.1		46	14190	12670	11630	11340	—	—	17580	14750
IF600/65R28 CFO	DW21B	606	1485	666	4418	160D	2.4	5630	5030	4610	—	4500	4100	6975	5850
	DW20B	23.9	58.5	26.2	173.9		35	12400	11080	10150	—	9910	9030	15360	12890
	W18L														
IF620/75R30 CFO	DW23B	650	1675	734	4879	164D	1.6	6250	5580	5130	—	5000	4550	7750	6500
	DW21B	25.6	65.9	28.9	192.1		23	13770	12290	11300	—	11010	10020	17070	14320
IF650/75R30 CFO	DW23B	660	1720	754	5007	166D	1.6	6630	5920	5430	—	5300	4820	8215	6890
	DW21B	26	67.7	29.7	197.1		23	14600	13040	11960	—	11670	10620	18090	15180
IF800/65R32 CFO	DW27B	775	1845	816	5449	178A8	2.4	9380	8380	7690	7500	—	—	11625	9750
		30.5	72.6	32.1	214.5		35	20660	18460	16940	16520	—	—	25610	21480
IF800/70R32 CFO	DW27B	784	1933	857	5704	182A8	2.4	10630	9490	8710	8500	—	—	13175	11050
		30.9	76.1	33.7	224.6		35	23410	20900	19190	18720	—	—	29020	24340
IF900/60R32 CFO	DW30B	885	1890	847	5612	192D	4	14380	12840	11790	—	11500	10470	17830	14950
						188D	58	31670	28280	25970	—	25330	23060	39270	32930
							3.2	12500	11170	10250	—	10000	9100	15500	13000
							46	27530	24600	22580	—	22030	20040	34140	28630
IF1250/50R32 CFO	DH44B	1250	2080	905	6211	201B	3.2	18130	16190	14860	—	14500	—	22480	18850
		49.2	81.9	35.6	244.5		46	39970	35693	32761	—	31967	—	49560	41557
IF650/65R34 CFO	DW23	650	1720	769	5033	161D	1.6	5780	5160	4740	—	4625	4210	7170	6010
		25.6	67.7	30.3	198.2		23	12740	11380	10450	—	10200	9280	15810	13250
IF710/85R38 CFO	DW25B	730	2165	956	6294	178D	1.6	9380	8380	7690	—	7500	6830	11625	9750
		28.7	85.2	37.6	247.8		23	20660	18460	16940	—	16520	15040	25610	21480
IF800/70R38 CFO	DW27B	820	2085	926	6144	184A8	2.4	11250	10050	9230	9000	—	—	13950	11700
						187A8	35	24780	22140	20330	19820	—	—	30730	25770
							2.8	12190	10890	9990	9750	—	—	15113	12675
							41	26850	23990	22000	21480	—	—	33290	27920
IF900/60R38 CFO	DW30B	880	2035	897	5998	184A8	2.4	11250	10050	9230	9000	—	8190	13950	11700
	DW31B	34.6	80.1	35.1	236.1		35	24780	22140	20330	19820	—	18040	30730	25770

Highlighted loads are for speed 50kmph / 31mph

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)						CFO*	
								Not high and sustained torque; Road transport							
								mm in	mm in	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44
IF580/85R42 CFO	DW20B	595	2040	918	6047	178D	2.8	9380	8380	7690	—	7500	—	11625	9750
		23.4	80.3	36.1	238.1		41	20660	18460	16940	—	16520	—	25610	21480
IF710/75R42 CFO	DW25B	725	2150	951	6318	176D	1.6	8880	7930	7280	—	7100	6460	11005	9230
		28.5	84.6	37.4	248.8		23	19560	17470	16040	—	15640	14230	24240	20330

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load														
								Speed														
								Not high and sustained torque; Road transport														Cyclic operations
		SW	OD	10	15			20	25	30	35	40	45	50	55	60	65	70	bar	psi		
mm	mm	mm	mm	mm	mm	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	bar	psi	
in	in	in	in	in	in																	
IF900/60R32	DW30B	885	1890	846	5647	192D	4	12320	11760	11648	11536	11424	11312	11200	11200	11200	11200	11200	11200	10192	4.8	15680
	DW28B																					
	DW27B	34.8	74.4	33.3	222.3		58	27160	25930	25680	25430	25190	24940	24690	24690	24690	24690	24690	24690	22470	70	34570
	DW27																					

372 AGRIFLEX TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)								Cyclic*					
		Not high and sustained torque; Road transport										Press.	Load		
		SW	OD	mm in	mm in		mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44
IF420/85R28	W15	448	1437	636	4261	145D	1.6	3630	3240	2970	—	2900	2640	2	4495
	W14	17.6	56.6	25	167.8		23	8000	7140	6540	—	6390	5810	29	9900
IF600/70R28	DW21B	625	1560	695	4597	164D	2.4	6250	5580	5130	—	5000	4550	3	7750
	DW20B	24.6	61.4	27.4	181		35	13770	12290	11300	—	11010	10020	44	17070
IF600/70R30	DW20					159D	1.6	5470	4890	4480	—	4375	3980	2	6781
							23	12050	10770	9870	—	9640	8770	29	14940
		615	1610	720	4916	165D	2.4	6440	5750	5280	—	5150	4690	3	7983
		24.2	63.4	28.3	193.6		35	14190	12670	11630	—	11340	10330	44	17580
IF520/85R38	DW16L	540	1850	834	5482	167D	2.4	6810	6090	5590	—	5450	4960	3	8448
	DW18L	21.3	72.8	32.8	215.8		35	15000	13410	12310	—	12000	10930	44	18610
IF520/85R42	DW16L	540	1955	879	5825	169D	2.4	7250	6480	5950	—	5800	5280	3	8990
	DW18L	21.3	77	34.6	229.3		35	15970	14270	13110	—	12780	11630	44	19800
IF710/70R42	DW25B	745	2062	929	6131	179D	2.4	9690	8650	7940	—	7750	7050	3	12013
	DW24B DW23B	29.3	81.2	36.6	241.4		35	21340	19050	17490	—	17070	15530	44	26460

AGRIFLEX+ 377

R-1

SB

STEEL BELTED



Alliance 377 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 Circumference	Load Index	Inflation Pressure bar	Recommended Load							
						PR		Speed							
		SW	OD			CFO*			Not high and sustained torque; Road transport						
		mm	mm						15	30	10	15	20	65	70
		in	in						kmph	kmph	kmph	kmph	kmph	kmph	kmph
VF1050/50R32	36.0TH	1030	1645	703	4949	184D	2.4	11970	9990	9640	9000	9000	9000	-	
		40.06	64.8	27.7	194.8		35	36370	22000	21230	19820	19820	19820	-	
VF1000/50R25	36VA	1059	1863	821	5650	198D	3.6	17560	14650	14140	13200	13200	13200	-	
		41.7	73.3	32.3	222.4		52	29070	32270	31150	29070	29070	29070	-	
VF750/50R26	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	

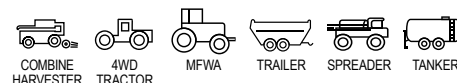
375 AGRI-STAR

R-1W

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STEEL BELTED STUBBLE GUARD



375 Agri-star is dedicated for applications on combine harvesters, high HP tractors, big wagons, spreaders and sprayers. Specific tread pattern and tire construction enables use on multipurpose applications. 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 long tire life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.



375 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR,Stars Load Index	Infl. press	Recommend load, kg (lbs)										
		Speed, km/h (mph)																
		Combine/Harvester low torque application										Inf. Press.		Cyclic Loading				
		mm in	mm in					mm in	mm in	Speed Symbol	Bar psi	10 6	15 9		25 16	30 19	35 22	40 25
1000/50R25	36.0TH-1.5	1065	1660	753	5079	172A8/ 166D	2.4	9450	8440	6990	6740	6490	6300	6300	5300	2.9	10710	
		41.9	65.4	29.6	200		35	20810	18590	15400	14850	14300	13880	13880	11670	42	23590	
620/75R26	DW20B	625	1595	727	4816	166A8 /166B	3	7950	7100	5880	5670	5460	5300	5300	-	3.6	9010	
	DW20A DW18L	24.6	62.8	28.6	189.6		44	17510	15640	12950	12490	12030	11670	11670	-	52	19850	
1050/50R32	36VA	1030	1906	858	5760	180A8	2.2	12000	10720	8880	8560	8240	8000	-	-	2.6	13600	
		40.6	75	33.7	226.7		32	26430	23610	19560	18850	18150	17620	-	-	38	29960	
650/75R32	DW21B	650	1830	836.4	5442	172A8	3.2	9450	8440	6990	6740	6490	6300	6300	-	3.84	10710	
		25.6	72	32.9	214.3	172B	46	20810	18590	15400	14850	14300	13880	13880	-	56	23590	
800/65R32	DW27A	812	1845	845	5529	172A8	2.4	9450	8440	6990	6740	6490	6300	6300	-	2.9	10710	
		32	73.1	32.9	217.7	172B	35	20810	18590	15400	14850	14300	13880	13880	-	42	23590	
800/70R32	DW27A	780	1935	877	5706	175A8	2.4	10350	9250	7660	7380	7110	6900	6900	-	2.9	11730	
	DW27A DW25	30.7	76.2	34.5	224.7	175B	35	22800	20370	16870	16260	15660	15200	15200	-	42	25840	
900/60R32	DW27B DW28B DW30B	910	1905	844	5673	176A8	2.4	10650	9510	7880	7600	7310	7100	7100	-	2.9	12070	
						176B	35	23460	20950	17360	16740	16100	15640	15640	-	42	26590	
						182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830	
						185A8	46	28080	25090	22180	21540	20970	20510	19670	18720	56	34870	
900/75R32	DW30B	940	2155	965	6377	190A8	3.2	15900	14200	11770	11340	10920	10600	-	-	3.8	18020	
	DH31H	37	84.8	37.9	251.1		46	35020	31280	25930	24980	24050	23350	-	-	56	39690	
620/75R34	DW20A	610	1820	822	5412	170A8	3.2	9000	8040	6660	6420	6180	6000	6000	-	3.8	10200	
	DW18A	24	71.7	32.3	213	170B	46	19820	17710	14670	14140	13610	13220	13220	-	56	22470	
710/75R34	DW23A	720	1945	880	5789	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750	
	DW21A MW23A	28.3	76.6	34.6	227.9	178B	46	24780	22140	18350	17690	17030	16520	13220	-	56	28080	

375 TRACTOR

Size	Rim	Unloaded		Loaded	Rolling Circum	PR,Stars Load Index	Infl. press	Recommend load, kg (lbs)												
		dimension		Static				Speed, km/h (mph)												
		SW	OD	Radius				Not high and sustained torque; Road transport											Field operation	
								Low Torque		High Tor										
		mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6			
1000/50R25	36.0HT-1.5	1060	1650	762	5079	172A8	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740			
		41.7	65	30	200	172B	35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850			
620/75R26	DW20B DW20A DW18L	625	1595	727	4816	166A8	3	12190	7950	5880	5670	5300	5300	-	7420	6360	5670			
		24.6	62.8	28.6	189.6	166B	44	26850	17510	12950	12490	11670	11670	-	16340	14010	12490			
1050/50R32	36VA	1030	1906	871	5807	180A8	2.2	18400	12000	8880	8560	8000	-	-	11200	9600	8560			
		40.6	75	34.3	228.6		32	40530	26430	19560	18850	17620	-	-	24670	21150	18850			
650/75R32	DW21B	650	1830	836.4	5442	172A8	3.2	14490	9450	6990	6740	6300	6300	-	8820	7560	6740			
		25.6	72	32.9	214.3	172B	46	31920	20810	15400	14850	13880	13880	-	19430	16650	14850			
800/65R32	DW27A	812	1845	845	5529	172A8	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740			
		32	72.6	33.3	217.7	172B	35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850			
900/60R32	DW27B DW28B DW30B					176A8	2.4	16330	10650	7880	7600	7100	7100	-	9940	8520	7600			
						176B	35	35970	23460	17360	16740	15640	15640	-	21890	18770	16740			
		910	1905	844	5673	182D	3.2	19550	10070	9780	9520	9310	8930	8500	13030	11170	9960			
		35.8	75	33.2	223.3															
620/75R34	DW20A	610	1820	828	5435	170A8	3.2	13800	9000	6660	6420	6000	6000	-	8400	7200	6420			
		24	71.7	32.6	214	170B	46	30400	19820	14670	14140	13220	13220	-	18500	15860	14140			
710/75R34	DW23A DW21A	720	1945	880	5789	178A8	3.2	17250	11250	8330	8030	7500	7500	-	10500	9000	8030			
		28.3	76.6	34.6	227.9	178B	46	38000	24780	18350	17690	16520	16520	-	23130	19820	17690			
520/85R46 (DES.375)	DW16 W15 DW18L	530	2050	941.2	6114	158A8	1.6	9780	6380	4720	4550	4250	3870	-	5950	5100	4550			
						155B	23	21560	14070	10410	10030	9370	8530	-	13120	11240	10030			

MULTISTAR 376

R-1

SG

SB

STUBBLE
GUARD

STEEL
BELTED



Multistar 376 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. Strong casing reinforced by steel belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Long tread life is provided by special Stubble Guard rubber compound, and durable sidewall compound.



376 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR,Stars Load Index	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)								Infl. Press.	Cyclic Loading						
		Combine/Harvester low torque application															
		SW	OD					mm in	mm in			mm in	mm in	Speed Symbol	Bar psi	10 6	15 9
750/50R26	DW25B	751	1420	642	4319	151D	2.4	6190	5530	4580	4410	4250	4125	3750	3420	2.9	7010
	DW23B	29.6	55.9	25.3	170	157A8	35	13630	12180	10090	9710	9360	9090	8260	7530	42	15440
1050/50R32	36VA	1050	1870	833	5656	185A8	3.2	13880	12400	10270	9900	9530	9250	8930	8500	3.8	15730
		41.3	73.6	32.8	222.7	182D	46	30570	27310	22620	21810	20990	20370	19670	18720	56	34650
680/85R32	DW21B	660	1960	884	5815	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	—	3.8	12750
		26	77.2	34.8	228.9		46	24780	22140	18350	17690	17030	16520	16520	—	56	28080
900/60R32	DW27B DW28B DW30B	869 34.1	1894 74.7	850 33.5	5645 222.3	176D	2.4	10650	9510	8410	8170	7950	7770	7460	7100	2.9	12070
							35	23460	20950	18520	18000	17510	17110	16430	15640	42	26590
						182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830
						185A8	46	28080	25090	22180	21540	20970	20510	19670	18720	56	34870
						191D	4.4	17180	14600	12920	12540	-	11940	11450	10900	5	18530
						194A8	64	37880	32190	28480	27650	-	26320	25240	24030	73	40850

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR,Stars Load Index	Infl. press		Recommend load, kg (lbs)					
								Speed, km/h (mph)						
								Not high and sustained torque; Road transport						
		SW	OD					CFO						
mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	15 9	30 19	10 6	15 9	20 12	40 25			
IF1050/50R32 CFO	36VA	1050	1860	831	5651	195A8	4.9	18830	15800	15190	13570	12450	12150	
		41.3	73.2	32.7	222.4		72.5	41510	34830	33490	29920	27450	26790	

376 TRACTOR

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				Not high and sustained torque; Road transport											Field operation	
																		Low Torque	High To
		mm in	mm in				mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6	

900/60R32	DW27B					176D	2.4	16330	10650	8410	7210	7770	7460	7100	9940	8520	7600
		865	1898	852	5645		35	35970	23460	18520	15880	17110	16430	15640	21890	18770	16740
		34.1	74.7	33.5	222.3	182D	3.2	19550	12750	10070	8630	9270	8930	8500	12980	11120	9920
						185A8	46	43060	28080	22180	19010	20420	19670	18720	28590	24490	21850
1050/50R32	36VA	1050	1870	833	5656	185A8	3.2	21280	13880	10270	9900	9250	8930	8500	12950	11100	9900
		41.3	73.6	32.8	222.7	182D	46	46870	30570	22620	21810	20370	19670	18720	28520	24450	21810
620/70R46	DW20B	620	2060	940	6140	159D	1.6	10060	6560	5180	4440	4750	4590	4375	6650	5700	5080
		24.4	81.1	37	241.7	162A8	23	22160	14450	11410	9780	10460	10110	9640	14650	12560	11190

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.



360 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.		Recommend load, kg (lbs)						
								Speed, km/h (mph)							
								Combine/Harvester low torque application							
		SW	OD												
		mm in	mm in	mm in	mm in	bar psi	Static	10	25	30	40	50	Inf. Press.	Cyclic Loading	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
									Speed, km/h (mph)									
		SW	OD						Free rolling					Drive wheel				
		mm in	mm in	mm in	mm in		Load index	bar psi	10 6	25 16	30 19	40 25	Cyclic	10 6	25 16	30 19	40 25	Cyclic
		mm in	mm in	mm in	mm in		speed Sym											
540/65R30	W16L	560	1486	670	4421	-	168A8	2.4	7840	6660	6270	5600	9410	5600	4760	4480	4000	8010
	W18L	22	58.5	26.4	174		156A8	35	17270	14670	13810	12330	20730	12330	10480	9870	8810	17640

Size	Rim	Unloaded Dimension		Load- ed Static radius	RC	Load Index PR Sym- bols	Infla- tion Pres- sure	Recommended Load														
		Speed																				
		Non Cyclic Operation															Cyclic Operation					
		SW	OD																			
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	NAN kmph	Static kmph	10 kmph	15 kmph	20 kmph	30 kmph	35 kmph	40 kmph	50 kmph	60 kmph	65 kmph	70 kmph	bar psi	10 6	15 9	
620/75R26 (23.1R26)	20	605	1590	715	4769	167A8	3.2	5832	12535	8175	7303	6704	5832	5614	5450	4960				4	9265	8448
		23.8	62.6	28.1	187.8	164B	46	12860	27640	18020	16100	14780	12860	12380	12020	10940				58	20430	18630
VF750/65R26 (28LR26) NRO	DW25A	751	1623	715	4824	166A8	2.4	5671	12190	7950	7102	6519	5671	5459	4823	5300				3	9010	8215
	DW23A	29.6	63.9	28.1	189.9	163B	35	12500	26870	17530	15660	14370	12500	12040	10630	11680				44	19860	18110
650/75R32 (24.5R32)	DW21A	625	1800	815	5395	172D	3.2			9450	8440				6900	6620		6300	5730	4	10710	9770
	DW20A	24.6	70.9	32.1	212.4	175A8	46			20830	18610				15210	14600		13890	12630	58	23610	21540
800/65R32	25																					
	DW27B	800	1850	843	5626	175D	2.8	7935		10350	9246	8487	7935		7556	7245	7004	6900	6279	3.5	11730	10695
	DH25B	31.5	72.8	33.2	221.5	178A8	41	17490		22820	20380	18710	17490		16660	15970	15440	15210	13840	51	25860	23580
	DH27B																					
710/70R38	22	716	1948	880	5897	178D	3.4	8625		11250	10050	9225	8625		8213	7875	7613	7500	6825	4.25	12750	11625
	DW23A	28.2	76.7	34.6	232.2	181A8	49	19015		24802	22156	20338	19015		18107	17361	16784	16535	15047	62	28109	25629
620/70R42	DW20B	650	1950	866	5781	166A8	2.4	5671	12190	7950	7102	6519	5671	5459	5300	4823				3	9010	8215
	DW20	25.6	76.8	34.1	227.6	163B	35	12500	26870	17530	15660	14370	12500	12040	11680	10630				44	19860	18110

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load							
		Speed													
		Not high and sustained torque; Road transport						Field Operation							
		SW	OD							Static	10	25	30	40	50
		mm	mm	mm	mm		bar	kmph	kmph	kmph	kmph	kmph	kmph	psi	kmph
		in	in	in	in		psi	kmph	kmph	kmph	kmph	kmph	kmph	psi	kmph
30.5LR32	DW27	775	1820	815	5511	173A8	NaN	7870	5130	3800	3660	3420	3110	2.4	6960
	DW27A	30.5	71.7	32.1	217	170B		17350	11310	8380	8070	7540	6860	35	15340

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load							
								Speed							
								Tractor Application							
		SW	OD												
		mm	mm	mm	mm		bar	Static	15	20	30	35	40	50	
		in	in	in	in		psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
650/65R38	DW20B DW21B	645	1835	860	5625	178A8	4.8	17250	10050	9225	8025	7725	7500	6825	

360 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport								Field operation	
																Low Torque	High Torque
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6				
620/75R26	DW20B	625	1590	716	4685	167A8	3.2	12540	8180	6050	5830	5450	5000	7630	6540	5830	
		24.6	62.6	28.2	184.4	164B	46	27620	18020	13330	12840	12000	11010	16810	14410	12840	
750/65R26 (28LR26)	DW25A DW23A	751	1623	723	4817 189.6	158A8	1.2	9780	6380	4720	4550	4250	3870	5950	5100	4550	
						155B	17	21540	14050	10400	10020	9360	8520	13110	11230	10020	
						166A8	2.4	12190	7950	5880	5670	5300	4820	7420	6360	5670	
						163B	35	26850	17510	12950	12490	11670	10620	16340	14010	12490	
						173A8	3	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	44	32930	21480	15900	15330	14320	13040	20040	17180	15330	
						177B*	-----UNDER DEVELOPMENT-----										
540/65R28	W16 W15L	550	1413	637	4166	137A8	1.2	5290	3450	2550	2460	2300	2090	3220	2760	2460	
		21.7	55.6	25.1	164	134B	17	11650	7600	5620	5420	5070	4600	7090	6080	5420	
24.5R32	DW21A DW20A	622	1800	801	5264	**	1.6 23	10060 22160	6560 14450	4860 10700	4680 10310	4375 9640	3980 8770	6130 13500	5250 11560	4680 10310	
		24.5	70.9	31.5	207.2	159A8 156B											
650/75R32	DW21A DW20A	625	1800	801	5357 210.9	172A8	3.2	14490	9450	6990	6740	6300	6300	8820	7560	6740	
						172B	46	31920	20810	15400	14850	13880	13880	19430	16650	14850	
						159A8	1.6	10060	6560	4860	4680	4375	3980	6130	5250	4680	
						156B	23	22160	14450	10700	10310	9640	8770	13500	11560	10310	
30.5LR32	DH27 DW27A Reinforced Rim	775	1820	809	5474 215.5	**	1.6 23	12540 27620	8180 18020	6050 13330	5830 12840	5450 12000	4960 10930	7630 16810	6540 14410	5830 12840	
						167A8 164B											
						***	2	13800	9000	6660	6420	6000	5460	8400	7200	6420	
						170A8 167B	29	30400	19820	14670	14140	13220	12030	18500	15860	14140	
						173A8	2.4	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	35	32930	21480	15900	15330	14320	13040	20040	17180	15330	
						178A8	3.1	17250	11250	8330	8030	7500	6830	10500	9000	8030	
175B	45	38000	24780	18350	17690	16520	15040	23130	19820	17690							
600/65R38	W18L W16L	591	1745	795	5318	147A8	1.2	7070	4610	3410	3290	3075	2800	4310	3690	3290	
		23.3	68.7	31.3	209.4	144B	17	15570	10150	7510	7250	6770	6170	9490	8130	7250	
650/65R38	DW20A	645	1835	830	5500 216.5	154A8	1.2	8630	5630	4160	4010	3750	3410	5250	4500	4010	
						151B	17	19010	12400	9160	8830	8260	7510	11560	9910	8830	
						178A8	3.5	17250	11250	8330	8030	7500	6890	10500	9000	8030	
						175B	51	38000	24780	18350	17690	16520	15180	23130	19820	17690	
620/70R42	DW20 DW18	650	1940	865	5781 226.5	166A8	1.9	12190	7950	5880	5670	5300	4820	7420	6360	5670	
						163B	28	26850	17510	12950	12490	11670	10620	16340	14010	12490	
						173A8	2.7	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	39	32930	21480	15900	15330	14320	13040	20040	17180	15330	
650/65R42	DW20 DW18	650	1940	883	5869 231.1	170A8	3.2	13800	9000	6660	6420	6000	5460	8400	7200	6420	
						167 B	46	30400	19820	14670	14140	13220	12030	18500	15860	14140	

360 TRACTOR RADIAL HIGH SPEED

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					1) Not high and sustained torque; 2) Road transport									
								Non cyclic operation					Cyclic operation				
								mm in	mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40
480/65R24	W15	479	1234	555	3633	133D	1.6	2370	2440	2260	2160	2060	1870	2	3500	3190	
	W14L	18.9	48.6	21.9	143	136A8	23	5220	5370	4980	4760	4540	4120	29	7710	7030	
600/65R28						150A8	1.8	3450	3560	3290	3150	3000	2730	2.3	5100	4650	
						146D	26	7600	7840	7250	6940	6610	6010	33	11230	10240	
	W18L	591	1480	655	4481	157A8	2.4	4310	4440	4110	3940	3750	3410	3	6380	5810	
	W16L	23.3	58.3	25.8	176.4												
						154D	35	9490	9780	9050	8680	8260	7510	44	14050	12800	

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	1) Not high and sustained torque; 2) Road transport													
				Non cyclic operation					Cyclic operation								
				25 16	40 25		50 31	65 40	70 44	bar psi	10 6	15 9					
650/75R32	DW21A DW20A	625	1800	801	5357	172D	3.2	7250	7470	6900	6620	6300	5730	4	10710	9770	
		24.6	70.9	31.5	210.9	175A8	46	15970	16450	15200	14580	13880	12620	58	23590	21520	
		159A8*-----UNDER DEVELOPMENT-----															
800/65R32	DW27B DH25B DH27B	800	1850	825	5533	166D	1.6	6100	6280	5800	5570	5300	4820	2	9010	8220	
						169A8	23	13440	13830	12780	12270	11670	10620	29	19850	18110	
						173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080	
						176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200	
						175D											
						178A8	3.1	7940	8180	7560	7250	6900	6280	3.9	11730	10700	
Reinforced Rim						45	17490	18020	16650	15970	15200	13830	57	25840	23570		
540/65R38	W16L W18L	550	1675	767	4987	147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770	
		21.7	65.9	30.2	196.3	150A8	23	7800	8020	7420	7110	6770	6170	29	11520	10510	
650/65R38	DW20A	645	1835	733	5009	171D	3.5	7070	7290	6730	6460	6150	5600	4.4	10460	9530	
		25.4	72.2	28.9	197.2		51	15570	16060	14820	14230	13550	12330	63	23040	20990	
710/70R38	DW23A	716	1948	877	5897	166D	1.6	6100	6280	5570	5570	5300	4820	2	9010	8220	
						168A8	23	13440	13830	12270	12270	11670	10620	29	19850	18110	
						171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530	
						174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990	
						178D	2.8	8630	8890	8210	7880	7500	6830	3.5	12750	11630	
						181A8	41	19010	19580	18080	17360	16520	15040	51	28080	25620	

YIELD MASTER 349 R-1



Yield Master 349 is constructed with robust nylon casing and a strong bead to guard the tire against mechanical failures under tough working environments. This is a premium bias harvester tire. The 23° lug angle enables high overall traction and even wear, saving time and fuel in the field. The close lug spacing of the tire reduces vibration. The tire's long tread bar design enables more grip and better ground contact.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load , kg (lbs)				
									Speed, km/h (mph)				
		SW	OD						Static	10 6	20 12	25 16	30 19
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi					
23.1-26	DW20B	592 23.3	1605 63.2	722 28.4	4730 186.2	14	156A6	2	9200	5600	4800	4280	4000
							-	29	20280	12350	10580	9440	8820
						16	159A6	2.3	10060	6130	5250	4680	4375
								33	22180	13510	11570	10320	9650
28L-26	DW25A	725 28.5	1630 64.2	725 28.5	4767 187.7	12	-	1.4	3350	-	-	-	-
							-	20	7380	-	-	-	-
						12	-	1.4	-	-	-	-	4240
							-	20	-	-	-	-	9350
30.5L-32	DW27A	775 30.5	1845 72.6	827 32.6	5421 213.4	16	166A6	1.7	-	-	-	-	5300
								25	-	-	-	-	11670
						18	170A6	2.1	-	-	-	-	6000
								30	-	-	-	-	13220

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press	Recommended load , kg (lbs)					
								Speed, km/h (mph)					
		SW	OD					Harvester application					
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	25 16	30 19	40 25
30.5L-32	27	775	1845	8379	5523	16	1.7	12190	7420	6360	5670	5300	4770
		30.5	72.6	329.9	217.4	166A6	25	26870	16360	14020	12500	11680	10520

570

R-1



Alliance 570 is specially designed for Combine Harvester rear axle as either a free rolling or drive wheel. The tire is built to provide high load carrying capability at low inflation pressure thus applying minimum ground pressure and reducing soil damage.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Free/ Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Free rolling					Drive Wheel				
		mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	30 19	40 25	Cyclic	10 6	25 16	30 19	40 25	Cyclic
500/70R24 IMP	W16L	495	1312	569	3905	164A8 (FR)	2.8	7000	5950	5600	5000	8400	5430	4610	4340	3875	7760
	W15L	19.5	51.7	22.4	153.7	155A8 (DW)	41	15420	13110	12330	11010	18500	11010	10150	9560	8540	17090
500/85R24 IMP	W16L	528	1458	625	4365	171A8 (FR)	2.8	8610	7320	6890	6150	10330	5950	5060	4760	4250	8510
	W15L	20.8	57.4	24.6	171.9	158A8 (DW)	41	18960	16120	15180	13550	22750	13550	11150	10480	9360	18740
500/85R30 IMP	W16L	505	1602	698	4802	176A8 (FR)	2.8	9940	8450	7950	7100	11930	8400	7140	6720	6000	12010
	W15L	19.9	63.1	27.5	189	170A8 (DW)	41	21890	18610	17510	15640	26280	15640	15730	14800	13220	26450
620/70R30 IMP	DW20B	608	1622	727	4835	178A8 (FR)	2.5	10500	8930	8400	7500	12600	7420	6310	5940	5300	10610
	DW18L	23.9	63.9	28.6	190.4	166A8 (DW)	36	23130	19670	18500	16520	27750	16520	13900	13080	11670	23370

336

IMP



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 Symbols	Infl. Press.	Recommended Load									
								Speed, km/h (mph)									
		SW	OD					Drive wheel					Free rolling				
		mm	mm	mm	mm		bar	10	20	25	30	40	10	20	25	30	40
		in	in	in	in		psi	6	12	16	19	25	6	12	16	19	25
360/80-20 (14.5/75-20)	W11	358	1100	486	3235	8PR	2.3	2520	2265	2140	2015	1800	3605	3245	3065	2885	2575
		14.1	43.3	19.1	127.4	141A8 128A8	33	5560	4990	4720	4440	3970	7950	7150	6760	6360	5680

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	10 6	20 12	30 19	40 25	50 31
23.1-26	DW20	586	1605	702	4648	14	2	8280	5400	4430	4000	3600	3240
		23	63.2	27.6	183		29	18250	11905	9765	8815	7935	7140



AGRI TRANSPORT

RADIAL FLOTATION

380

I-3



FLOTATION

SPECIAL
COMPOUND

STEEL
BELTED



Alliance 380 Implement Flotation tire provides full soil protection and flotation tire characteristics in field. The tire's 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.



380 HS# MPT



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	mm in	mm in	Bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62
600/50R22.5 MPT	AG20.00	608	1172	539	3610	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000	
	20.00DC	23.9	46.1	21.2	142.1		94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010	

For Fertilizer Truck only.

380 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 43
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi										
560/45R22.5	AG16.00	543	1075	485	3265	152D	4	8170	6390	5610	5360	4830	4300	3800	3550	
STEEL BELTED		21.4	42.3	19.1	128.5		58	18010	14090	12370	11820	10650	9480	8380	7830	
560/60R22.5	AG16.00 AG20.00 16.00,17.00	554	1245	560	3677	169D	6	13340	10440	9164	8758	7888	7018	6206	5800	5278
STEEL BELTED		21.7	49	22	144.8		87	29410	23020	20203	19308	17390	15472	13682	12787	11636
600/50R22.5 IMP	AG20.00	611	1172	503.8	3487	168D	3.1	12880	10080	8848	8456	7616	6776	5992	5600	5096
STEEL BELTED		24.1	46.1	19.8	137.2		46	28400	22220	19506	18642	16790	14939	13210	12346	1235
750/45R22.5	AG24.00	745	1250	555.3	3804	176D	6	16330	12780	11218	10721	9656	8591	7597	7100	6461
STEEL BELTED		29.3	49.2	21.9	149.8		87	36000	28180	24731	23636	21288	18940	16748	15653	14244
600/55R26.5	AG20.00	624	1350	615.1	4138	173D	6	14950	11700	10270	9815	8840	7865	6955	6500	5915
STEEL BELTED		24.6	53.1	24.2	162.8		87	32960	25790	22641	21638	19489	17339	15333	14330	13040
650/55R26.5	AG20.00	645	1367	618.6	4184	177D	6	16790	13140	11534	11023	9928	8833	7811	7300	6643
STEEL BELTED		25.4	53.8	24.4	164.7		87	37020	28970	25428	24302	21887	19473	17220	16094	14645
650/60R26.5	AG20.00	664	1450	659	4458	180D	6	18400	14400	12640	12080	10880	9680	8560	8000	-
STEEL BELTED		26.1	57.1	25.9	175.5		87	40570	31750	27870	26630	23990	21340	18870	17640	-
650/65R26.5	AG20.00	664	1522	686.6	4648	182D	6	19550	15300	13430	12835	11560	10285	9095	8500	7735
STEEL BELTED		26.1	59.9	27	183		87	43100	33730	29608	28296	25485	22675	20051	18739	17053
710/50R26.5	AG24.00	729	1401	637	4291	179D	6	17830	13950	12250	11700	10540	9380	8290	7750	-
STEEL BELTED		28.7	55.2	25.1	168.9		87	39310	30750	27010	25790	23240	20680	18280	17090	-
650/65R30.5	AG20.00	676	1628	746	5015	184D	6	20700	16200	14220	13590	12240	10890	9630	9000	-
STEEL BELTED		26.6	64.1	29.4	197.4		87	45640	35720	31350	29960	26990	24010	21230	19840	-
800/60R32	DW27A	805	1800	812	5384	185D	4	21280	16650	14620	13970	12580	11190	9900	9250	-
STEEL BELTED		31.7	70.9	32	212		58	46910	36710	32230	30800	27730	24670	21830	20390	-

380 STANDARD

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														
		SW mm in	OD mm in					mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19
550/45R22.5 Steel Belted	AG16.00	535	1070	491	3275	154D	5	8630	6750	5930	5660	5100	4540	4010	3750	3420
		21.1	42.1	19.3	128.9		73	19030	14880	13070	12480	11240	10010	8840	8270	7540
560/60R22.5 Steel Belted	AG16.00	554	1250	564	3860	164D	5	11500	9000	7900	7550	6800	6050	5350	5000	4600
		21.8	49.2	22.2	152.0		73	25350	19840	17420	16650	14990	13340	11800	11020	10140
580/65R22.5 Steel Belted	AG16.00	585	1318	579	4072	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	—
		23	51.9	22.8	160.3		58	26850	21010	18440	17620	15880	14120	12490	11670	—
600/50R22.5 Steel Belted	20.00DC	611	1172	528	3550	159D	4	10060	7880	6910	6610	5950	5290	4680	4375	3980
		24.1	46.1	20.8	139.8		58	22160	17360	15220	14560	13110	11650	10310	9640	8770

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														
		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	70 43
620/40R22.5 Steel Belted	AG20.00	620	1072	488	3352	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	—
		24.4	42.2	19.2	132		58	19630	15370	13480	12890	11610	10330	9140	8540	—
650/50R22.5 Steel Belted	AG20.00	652	1237.6	554.2	3607	166D	5	12190	9540	8370	8000	7210	6410	5670	5300	4820
		25.6	48.7	21.8	142		73	26870	21030	18450	17640	15900	14130	12500	11680	10630
600/55R22.5	AG20.00	600	1245	564	3860	165D	5	11850	9270	8140	7780	7000	6230	5510	5150	4700
		23.6	49	22.2	152	162E	73	26130	20440	17950	17150	15430	13740	12150	11350	10360
710/45R22.5	AG24.00	727	1210	534	3683	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	4690
		28.6	47.6	21	145		58	26100	20420	17930	17140	15420	13720	12140	11340	10330
750/45R22.5 Steel Belted	AG24.00	750	1245	568	3815	169D	4.5	12190	10020	9130	8480	7690	6890	6150	5780	5300
		29.5	49	22.3	150.1		65	26850	22070	20110	18680	16940	15180	13550	12730	11670
600/55R26.5 Steel Belted	AG20.00	624	1350	609.7	4113	168D	5	11850	10100	8860	8470	7630	6790	6000	5610	5150
		24.6	53.1	24	161.9		73	26130	22270	19530	18670	16820	14970	13230	12370	11350
650/55R26.5 Steel Belted	AG20.00	645	1365	620	4210	170D	4.5	13800	10800	9480	9060	8160	7260	6420	6000	5460
		25.4	53.7	24.4	165.7		65	30420	23810	20900	19970	17990	16010	14150	13230	12040
650/60R26.5 Steel Belted	AG20.00	660	1450	655	4432	173D	4	14950	11700	10270	9820	8840	7870	6960	6500	—
		26	57.1	25.8	174.5		58	32930	25770	22620	21630	19470	17330	15330	14320	—
710/50R26.5 Steel Belted	AG24.00	732	1400	629.9	4291	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	5460
		28.8	55.1	24.8	168.9		58	30400	23790	20880	19960	17970	15990	14140	13220	12030
750/45R26.5 Steel Belted	AG24.00	750	1360	608	4113	173D	5	14950	11700	10270	9820	8840	7870	6960	6500	5920
		29.5	53.5	23.9	161.9		73	32960	25790	22640	21650	19490	17350	15340	14330	13050
650/65R30.5 Steel Belted	AG20.00	680	1625	726	4881	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	—
		26.8	64	28.6	192.2		58	35970	28150	24710	23610	21280	18920	16740	15640	—
750/60R30.5 Steel Belted	AG24.00	767	1680	754	5145	181D	4	18980	14850	13040	12460	11220	9980	8830	8250	7510
		30.2	66.1	29.7	202.6		58	41810	32710	28720	27440	24710	21980	19450	18170	16540

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																
		Static	10					15	20	25	30	40	50	60	65	70		
		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
		SW	OD				Bar psi	kmph	6	9	12	16	19	25	31	37	40	43
800/60R32	DW27A	805	1800	812	5408	185D	4	21280	16650	16000	15260	14620	13970	12580	11190	9900	9250	8420
		31.7	70.9	32	212.9		58	46910	36710	35270	33640	32230	30800	27730	24670	21830	20390	18560

380 AGRI TRANSPORT

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															
		SW	OD					Static	10	15	25	30	40	50	60	65	70
		mm in	mm in	mm in	mm in		Bar psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
650/65R26.5	20	664	1522	687	4648	174D	4	15410	12060		10586	10117	9112	8107	7169	6700	6097
		26.1	59.9	27	183		58	33970	26590		23340	22300	20090	17870	15810	14770	13440

390

I-2

SB

AS #

FLOTATION

STEEL
BELTEDALL
STEEL

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.



390 HEAVY DUTY

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								Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
		SW mm in	OD mm in	mm in	mm in	Bar psi											
560/60R22.5	AG16.00	565	1260	569	3865	169D	6	13340	10440	9160	8760	7860	7020	6210	5800		
		22.2	49.6	22.4	152.2		87	29410	23020	20190	19310	17390	15480	13690	12790		
710/65R26	DW25	730	1570	703	4741	187D	6	22430	17550	15410	14720	13260	11800	10430	9750		
		28.7	61.8	27.7	186.7		87	49450	38690	33970	32450	29230	26020	22990	21500		
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		
650/55R26.5	AG20.00	665	1395	638	4273	177D	6	16790	13140	11530	11020	9930	8830	7810	7300		
		26.2	54.9	25.1	168.2		87	37020	28970	25420	24300	21890	19470	17220	16090		
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		
600/60R30.5	AG20.00	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		
750/60R30.5	AG24.00	770	1700	769	5219	190D	6	24380	19080	16750	16010	14420	12830	11340	10600		
		30.3	66.9	30.3	205.5		87	53750	42060	36930	35300	31790	28290	25000	23370		

390 STANDARD

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															
		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	70 44		
500/60R22.5 Steel Belted	16.00DC	510	1180	529	3616	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	—	
		20.1	46.5	20.8	142.4		58	19630	15370	13480	12890	11610	10330	9140	8540	—	
560/45R22.5 Steel Belted	AG 16.00	545	1078	483	3291	152D	4	8170	6390	5610	5360	4830	4300	3800	3550	—	
		21.5	42.4	19	129.6		58	18000	14070	12360	11810	10640	9470	8370	7820	—	
560/60R22.5 Steel Belted	AG 16.00	572	1252	564	3840	164D	5	11500	9000	7900	7550	6800	6050	5350	5000	—	
		22.5	49.3	22.2	151.2		73	25330	19820	17400	16630	14980	13340	11800	11020	—	
580/65R22.5 Steel Belted	AG16.00	582	1312	582	3984	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	—	
		22.9	51.7	22.9	156.8		58	26850	21010	18440	17620	15880	14120	12490	11670	—	
600/50R22.5 Steel Belted	AG20.00	583	1169	535	3620	162D	5	10930	8850	7510	7170	6460	5750	5080	4750	4350	
		23	46	21.1	142.5		73	24100	18850	16560	15810	14240	12680	11200	10470	9590	
28LR26 Steel Belted	DW25	727	1542	688	4520	176A8	2.8	11800	10010	8510	8010	7150	6510	—	—	—	
		28.6	60.7	27.1	178	173B	41	25990	22050	18740	17640	15750	14340	—	—	—	
620/75R26 (23.1R26) Steel Belted	DW20B	620 24.4	1590 62.6	707 27.8	4732 186.3	174D	4	15410	12060	10590	10120	9110	8110	7170	6700	—	
						58	33940	26560	23330	22290	20070	17860	15790	14760	—	—	—
						153A8	1.66	6020	5110	4340	4090	3650	3650	—	—	—	—
710/65R26 Steel Belted	DW25	710	1545	690	4708	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	—	
		28	60.8	27.2	185.4		58	35970	28150	24710	23610	21280	18920	16740	15640	—	

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															
		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	70 44	
600/55R26.5 Steel Belted	AG 20.00	624	1355	613	4105	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	—	
		24.6	53.3	24.1	161.6		58	26100	20420	17930	17140	15420	13720	12140	11340		
650/55R26.5 Steel Belted	20.00DC	660	1395	629	4266	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	—	
		26	54.9	24.8	167.9		58	30400	23790	20880	19960	17970	15990	14140	13220		
710/50R26.5 Steel Belted	24.00DC	730	1390	627	4249	172D	4	14490	11340	9950	9510	8570	7620	6740	6300	—	
		28.7	54.7	24.7	167.3		58	31920	24980	21920	20950	18880	16780	14850	13880		
800/45R26.5 Steel Belted	AG28.00	810	1395	630	4287	177D	5	16790	13140	11530	11020	9930	8830	7810	7300	—	
		31.9	54.9	24.8	168.8		73	36980	28940	25400	24270	21870	19450	17200	16090		
600/60R30.5 Steel Belted	AG20.00	600	1505	693	4587	173D	4	14950	11700	10270	9820	8840	7870	6960	6500	—	
		23.6	59.3	27.3	180.5		58	32960	25790	22640	21650	19490	17350	15340	14330		
710/50R30.5 Steel Belted	24.00DC	727	1495	680	4430	176D	4	16330	12780		10720	9660	8590	7600	7100	—	
		28.6	58.9	26.8	174.4		58	35970	28150		23610	21280	18920	16740	15640		
750/60R30.5 Steel Belted	24.00DC	780	1675	752	5165	181D	4	18980	14850	13040	12460	11220	9980	8830	8250	—	
		30.7	65.9	29.6	203.3		58	41810	32710	28720	27440	24710	21980	19450	18170		
850/50R30.5 Steel Belted	28.00DC	882	1653	742	4860	182D	4	19550	15300	13430	12840	11560	10290	9100	8500	—	
		34.7	65.1	29.2	191.3		58	43060	33700	29580	28280	25460	22670	20040	18720		
30.5LR32 Steel Belted	DW 27A	790	1800	805	5431	181B	3	18980	13120	11300	10730	9490	8250	—	—	—	
		31.1	70.9	31.7	213.8		44	41810	28900	24890	23630	20900	18170				
800/60R32 Steel Belted	DW 27A	794	1800	806.22	5290	184D 181E	4	20700	16200	14220	13590	12240	10890	9630	9000	—	
		31.3	70.9	32.1	208.3		58	45640	35720	31350	29930	26960	24010	21230	19840		

390 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/LS	Infl. press	Recommend load, kg (lbs)											
								Speed, km/h (mph)											
		SW	OD																
		mm in	mm in	mm in			bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50	
24R20.5	18	605	1372	620	4208	176F	6	17750	12780		9590	8880	8170	7950	7810	7630	7460	7100	
		23.8	54	24.4	165.7		87	39130	28180		21140	19580	18010	17530	17220	16820	16450	15650	
#500/45R22.5 MPT ALL STEEL	AG16.00	508	1025	472	3158	154F	6	9380	6750		5060	4690	4310	4200	4130	4030	3940	3750	
		20	40.4	18.6	124.3		87	20660	14870		11150	10330	9490	9250	9100	8880	8680	8260	
#600/50R22.5 MPT ALL STEEL	20.00DC	585	1180	539	3605	166F	6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300	
		23	46.5	21.2	141.9		87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260	11670	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	LI/LS	Infl. press	Recommend load, kg (lbs)												
								Speed, km/h (mph)												
		SW	OD					Static	10	15	25	30	40	50	60	65	70	80	90	100
		mm in	mm in	mm in			bar psi		6	9	16	19	25	31	37	40	43	50	56	62
445/70R24 MPT	W14L	55	1242	573	3785	151J	4.5	8630	6210	5810	4660	4310	3970	3860	3800	3740	3690	3590	3520	3450
	DW14L																			
	DW15L	17.9	48.9	22.6	149		65	19030	13690	12810	10270	9500	8750	8510	8380	8250	8140	7920	7760	7610
	W15L																			
495/70R24 MPT	W16L	512	1310	603	3849	155J	4.5	9690	6980	6520	5230	4840	4460	4340	4260	4200	4150	4030	3950	3875
	W15L																			
	DW16L	20.2	51.6	23.7	151.5		65	21360	15390	14370	11530	10670	9830	9570	9390	9260	9150	8890	8710	8540
	W14L																			

382 MPT

I-2



FLOTATION



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 Circm.	LI/LS	Infl. press	Recommend load, kg (lbs)												
		SW	OD																	
				Speed, km/h (mph)																
				mm in			mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50
400/55R22.5 MPT	13.00DC	404 15.9	1020 40.2	474 18.7	3150	146J	6	7500	5400	5050	4050	3750	3450	3360	3300	3260	3210	3120	3060	3000
					87		16520	11890	11120	8920	8260	7600	7400	7270	7180	7070	6870	6740	6610	
					3088	148F	6	7880	5670	5200	4250	3940	3620	3530	3470	3390	3310	3150	—	—
					121.6		87	17360	12490	11450	9360	8680	7970	7780	7640	7470	7290	6940		
600/50R22.5 MPT	20.00DC	600 23.6	1170 46.1	535 21.1	3587	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
					141.2		94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010

398 MPT

I-3



FLOTATION

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 Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		Speed, km/h (mph)																		
		Mixed Application																		
		SW	OD				Bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62
mm in	mm in	mm in	mm in																	
445/65R22.5 MPT ALL STEEL	14	455	1166	532	3592	160J	6.0	11250	8100	7570	6080	5630	5180	5040	4950	4880	4820	4680	4590	4500
	13	17.9	45.9	21	141.4		87	24780	17840	16670	13390	12400	11410	11100	10900	10750	10620	10310	10110	9910
#600/50R22.5 MPT ALL STEEL	AG24.00	620	1172	541	3605	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
	20	24.4	46.1	21.3	141.9		94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010

Size available in this design

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		Speed, km/h (mph)																		
		Mixed Application																		
		Bar psi	Static				10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62		
mm in	mm in	mm in	mm in	mm in	mm in	psi	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	
445/70R24 MPT ALL STEEL	W14L	455	1242	573	3785	151J	4.5	8630	6210	5810	4660	4310	3970	3860	3800	3740	3690	3590	3520	3450
	DW15L	17.9	48.9	22.6	149		65	19010	13680	12800	10260	9490	8740	8500	8370	8240	8130	7910	7750	7600
495/70R24 MPT ALL STEEL	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	23.6	158.1		65	21340	15370	14360	11520	10660	9820	9560	9380	9250	9140	8880	8700	8540

393

I-2

SB

FLOTATION

STEEL BELTED



Alliance 393 combines the best characteristics of flotation tires and radial construction in order to provide superior performance on road and in field applications.

The tire's strong fabric carcass is reinforced by steel belts. This pattern is characterized by directional block configuration ensuring the best possible self cleaning ability and assists in maintaining on-road direction. Due to its huge internal volume, the tire is also characterized by low inflation pressure of up to 3 bar (43.5 psi) promising low soil compaction for the highest possible 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	Inf. Press.	Recommend load, kg (lbs)									Field Service Max Cyclic Load	
		Speed, km/h (mph)																
		Mixed Application									Speed							
		SW	OD	mm in	mm in	mm in	mm in	bar psi	Static	10 6			25 16	30 19	40 25	50 31	60	65
35.5LR32	DH31	925	1986	863.9	5952	190D	3	22360	15900	12560	12190	11500	11130	10760	10600	9720	17940	16330
(900/65R32)	DW31 DW30	36.4	78.2	34	234.7	193A8	44	49300	35050	27690	26870	25350	24540	23720	23370	21430	39510	35970

590

I-2

SB

C+C

STEEL BELTED

CUT & CHIP RESISTANT COMPOUND



Alliance 590 is a Heavy Duty Radial Flotation Tire designed specifically to suit the needs Agriculture and Construction applications. A Robust Steel Belted construction, with a non directional design and superior Cut and Chip resistant compound enables to handle heavy Loads and operate both in Farms as well as On/Off Road conditions.



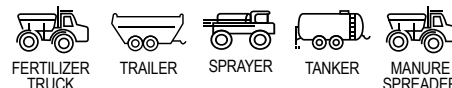
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed Application							
				mm in	mm in		mm in	mm in	Bar psi	Static	10 6	20 12	30 19	40 25	50 31
560/60R22.5	AG16.00	550	1244	562.8	3775	169D	6	13340	10440	9570	8760	7890	7020	5800	5280
		21.7	49	22.2	148.6		87	29410	23020	21100	19310	17390	15480	12790	11640
600/55R26.5	AG20.00	611	1333	612	4071	173D	6	14950	11700	10730	9820	8840	7870	6500	5920
		24.1	52.5	611.7	160.3		87	32959	25794	23656	21649	19489	17350	14330	13051
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	AG20.00	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
650/65R30.5	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
710/50R30.5	AG24.00	727	1490	683	4542	181D	6	18980	14850	13610	12460	11220	9980	8250	7510
		28.6	58.7	26.9	178.8		87	41840	32740	30010	27470	24740	22000	18190	16560

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)								
		Speed, km/h (mph)														
		Mixed application														
		SW mm in	OD mm in	mm in	mm in		Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44	
500/60R22.5	AG16.00	503 19.8	1172 46.1	515 20.3	3530 139	146D	2.8	6900	5400	4740	4530	4080	3630	3210	3000	2730
							41	15200	11890	10440	9980	8990	8000	7070	6610	6010
						155D	4	8910	6980	6120	5850	5270	4690	4150	3875	3530
							58	19630	15370	13480	12890	11610	10330	9140	8540	7780
560/60R22.5	AG16.00	538 21.2	1230 48.4	545 21.5 550 21.6	3721 146.5 3742 147.3	151D	2.8	7940	6210	5450	5210	4690	4170	3690	3450	3140
							41	17490	13680	12000	11480	10330	9190	8130	7600	6920
						156D	3.3	9200	7200	6320	6040	5440	4840	4280	4000	3640
							49.3	20260	15860	13920	13300	11980	10660	9430	8810	8020
#600/50R22.5	AG20.00	595 23.4	1168 46	526 20.7	3540 139.4	156D	3.6	9200	7200	6320	6040	5440	4840	4280	4000	3640
							52	20260	15860	13920	13300	11980	10660	9430	8810	8020
						159D	4	10060	7880	6910	6610	5950	5290	4680	4375	3980
							58	22160	17360	15220	14560	13110	11650	10310	9640	8770
710/45R22.5	AG24.00	711 28	1210 47.6	536.4 21.1	3681 144.9	156D	2.8	9200	7200	6320	6040	5440	4840	4280	4000	3640
							41	20260	15860	13920	13300	11980	10660	9430	8810	8020
600/55R26.5	AG20.00	603 23.7	1340 52.8	601 23.7	4100 161.4	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	4690
							58	26100	20420	17930	17140	15420	13720	12140	11340	10330
650/65R26.5	AG20.00	651 25.6	1500 59.1	669 26.3	4573 180	165D	2.8	11850	9270	8140	7780	7000	6230	5510	5150	4690
							41	26100	20420	17930	17140	15420	13720	12140	11340	10330
750/55R26.5	AG24.00	756 29.8	1498 59	662 26.1	4462 175.7	164D	2.4	11500	9000	7900	7550	6800	6050	5350	5000	4550
							35	25330	19820	17400	16630	14980	13330	11780	11010	10020
600/65R34	DW20B DW18	610 24	1650 65	747.9 29.4 749 29.4	5101 200.8 5017 197.5	161D	2.4	10640	8330	7310	6980	6290	5600	4950	4625	4210
							35	23440	18350	16100	15370	13850	12330	10900	10190	9270
						164D	2.7	11500	9000	7900	7550	6800	6050	5350	5000	4550
							40.6	25330	19820	17400	16630	14980	13330	11780	11010	10020
650/60R34	DW20 DW23 DW18	660 26	1650 65	760.4 29.9	5117 201.5	172D	3.6	14490	11340	9950	9510	8570	7620	6740	6300	5730
							52	31920	24980	21920	20950	18880	16780	14850	13880	12620
						175D	4	15870	12420	10900	10420	9380	8350	7380	6900	6280
							58	34960	27360	24010	22950	20660	18390	16260	15200	13830
710/55R34	DW23B DW24	712 28	1656 65.2	744 29.2	4910 193.3	169D	2.9	13340	10440	9160	8760	7890	7020	6210	5800	5280
							43.1	29380	23000	20180	19300	17380	15460	13680	12780	11630
800/50R34	DW25	800 31.5	1659 65.3	746 29.4	5088 200.3	168D	2.4	12880	10080	8850	8460	7620	6780	5990	5600	5100
							35	28370	22200	19490	18630	16780	14930	13190	12330	11230
850/45R34	DW28	843 33.2	1657 65.2	738 29.1	4849 190.6	168D	2.1	12880	10080	8850	8460	7620	6780	5990	5600	5100
							30	28370	22200	19490	18630	16780	14930	13190	12330	11230

not available in steel belt



The Alliance 885 is a new generation tire engineered for light duty applications like balers, grain wagons, cultivators, fast moving small agricultural trailers, wagons, grassland trailers etc. It has high load carrying capacity and working speeds and superior distribution of pressure on the surface. High crown radius provides maximum footprint area which adds to the flotation characteristic. Its large lug contact area at the center line enables smooth and comfortable run on road. Rounded shoulders cause least possible damage to soil and plants. Lower rolling resistance enhances fuel efficiency of prime movers. Strong nylon/polyester casing and strong tread compound provides higher wear resistance. A strong bead bundle with extra thick reinforced sidewall and a high turn up of plies around bead ensures excellent stability and protection against external damages.



Size	Rim	Unloaded dimension		Loaded Static	Rolling Circum	Load Index Speed Symbol	Infl. Press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	30 18	40 25	50 31	65 40	
560/45R22.5 STEEL BELTED	AG16.00	543	1076	491.1	3260	152D	4	8170	6390	5360	4830	4300	3550
		21.4	42.3	19.3	128.3		58	18000	14070	11810	10640	9470	7820
560/60R22.5 STEEL BELTED	AG16.00	555	1230	553	3795	164D	4	11500	9000	7550	6800	6050	5000
		21.9	48.4	21.8	149.4		58	25330	19820	16630	14980	13330	11010
580/65R22.5 STEEL BELTED	AG16.00	574	1315	580	4040	166D	4	12190	9540	8000	7210	6410	5300
		22.6	51.8	22.8	159.1		58	26850	21010	17620	15880	14120	11670
600/50R22.5 STEEL BELTED	AG20.00	600	1172	516.9	3537	159D	4	10060	7875	6605	5950	5295	4375
		23.6	46.1	20.3	139.2		58	22180	17360	14560	13115	11675	9645
650/50R22.5 STEEL BELTED	AG 20.00	650	1235	554	3630	163D	4	11210	8780	7360	6630	5900	4875
		25.6	48.6	21.8	142.9		58	24690	19340	16210	14600	13000	10740
710/45R22.5 STEEL BELTED	AG 24.00	725	1210	535	3698	165D	4	11850	9270	7780	7000	6230	5150
		28.5	47.6	21.1	145.5		58	26100	20420	17140	15420	13720	11340
600/55R26.5 STEEL BELTED	AG20	619	1341	609	4058	165D	4	11850	9270	7780	7000	6230	5150
		24.4	53	24	160		58	26100	20420	17140	15420	13720	11340
650/55R26.5 STEEL BELTED	AG20.00	648	1380	605.4	4208	170D	4	13800	10800	9060	8160	7260	6000
		25.5	54.3	23.8	165.6		58	30400	23790	19960	17970	15990	13220
650/65R26.5 STEEL BELTED	AG20	645	1519	670	4580	174D	4	15410	12060	10120	9110	8110	6700
		25.4	59.8	26.4	180.3		58	33940	26560	22290	20070	17860	14760
710/50R26.5 STEEL BELTED	AG 24.00	733	1390	629	4226	170D	4	13800	10800	9060	8160	7260	6000
		28.8	54.7	24.8	166.3		58	30400	23790	19960	17970	15990	13220
750/45R26.5 STEEL BELTED	AG 24.00	740	1360	618	4138	170D	4	13800	10800	9060	8160	7260	6000
		29.1	53.5	24.3	162.9		58	30400	23790	19960	17970	15990	13220
800/45R26.5 STEEL BELTED	AG28.00	800	1390	622.95	4216	174D	4	15410	12060	10120	9110	8110	6700
		31.5	54.7	24.5	166.0		58	33970	26590	22310	20080	17880	14770
710/50R30.5	AG24.00	733	1490	676.65	4560	173D	4	14950	11700	8840	7870	6960	6500
		28.9	58.7	26.6	179.5		58	32960	25790	19490	17350	15340	14330
750/60R30.5 STEEL BELTED	AG 24.00	761	1680	743.3	5094	181D	4	18980	14850	12460	11220	9980	8250
		29.9	66.1	29.2	200.5		58	41810	32710	27440	24710	21980	18170
800/45R30.5	AG28.00	790	1490	664.7	4533	176D	4	16330	12780	9660	8590	7600	7100
		31.1	58.6	26.1	178.4		58	36000	28180	21300	18940	16760	15650

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Mixed Application														
		Static	10	25	30	40	50	60	65	70						
mm / in	mm / in	mm / in	mm / in	bar psi	kmph	6	16	19	25	31	37	40	43			
710/40R22.5	AG24.00	726	1140	512.3	3471	165D	5	11845	9270	8137	7777	7004	6232	5511	5150	4687
		28.6	44.9	20.2	136.7	73	26114	20437	17939	17145	15441	13739	12150	11354	10333	
850/50R30.5	AG28.00	862	1625	740	4933	182D	4	19550	15300	13430	12835	11560	10285	9095	8500	7735
		33.9	64	29.1	194.2	58	43100	33730	29610	28300	25490	22680	20050	18740	17050	

882

FLOTATION

I-2

SB

STEEL
BELTED

TRAILER



SPREADER



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	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
				Mixed application											
				mm in	mm in		mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6	25 16
385/65R22.5	AG11.75	389	1075	493	3205	164D	9	11500	9000	7900	7550	6800	6050	5350	5000
		15.3	42.3	19.4	126.2		131	25353	19842	17416	16645	14991	13338	11795	11023
500/60R22.5	AG16	510	1172	527.9	3493	155D	4	8910	6980	6120	5850	5270	4690	4150	3875
		20.1	46.1	20.7	137.5		58	19630	15370	13480	12890	11610	10330	9140	8540
560/45R22.5	AG16.00	543	1076	485	3310	152D	4	8170	6390	5610	5360	4830	4300	3800	3550
		21.4	42.4	19.1	130.3		58	18000	14070	12360	11810	10640	9470	8370	7820
560/60R22.5	AG16.00	565	1244	555	3650	165D	4.2	11850	9270	8140	8320	7000	6230	5510	5150
		22.2	49	21.9	143.7		61	26100	20420	17930	18330	15420	13720	12140	11340
580/65R22.5	AG16.00	575	1326	588	4030	166D	4	12190	9540	8370	8000	7210	6410	5670	5300
		22.6	52	23.1	158.6		58	26850	21010	18440	17620	15880	14120	12490	11670
600/50R22.5	AG20	611	1172	528.4	3565	162D	5	10930	8550	7510	7170	6460	5750	5080	4750
		24.1	46.1	20.8	140.4		73	24096	18850	16557	15807	14242	12677	11199	10472
710/35R22.5	AG24.00	712	1069	481	3263	157D	4	9488	7425	6518	6229	5610	4991	4414	4125
		28	42.1	18.9	128.5		58	20920	16370	14370	13730	12370	11000	9730	9090
620/75R26 (23.1R26)	20	620	1590	722	4857	176D	4	16330	12780	11218	10721	9656	8591	7597	7100
		24.4	62.6	28.4	191.2		58	36000	28180	24730	23640	21290	18940	16750	15650
600/55R26.5	AG20.00	611	1333	604	4043	165D	4	11850	9270	8140	7780	7000	6230	5510	5150
		24	52.4	23.7	159.1		58	26130	20440	17950	17150	15430	13740	12150	11350
650/55R26.5	AG200.00	557	1326	587.8	4032	170D	4	13800	10800	9480	9060	8160	7260	6420	6000
		21.9	52.2	23.1	158.7		58	30420	23810	20900	19970	17990	16010	14150	13230
710/50R26.5	AG24.00	727	1383	622.3	4219	172	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
		24.1	58.9	26.8	177.9		58	29410	23020	20200	19310	17390	15470	13680	12790
710/50R30.5	AG24.00	727	1485	670	4485	173D	4	14950	11700	10270	9815	8840	7865	6955	6500
		28.6	58.5	26.4	176.6		58	32959	25790	22640	21640	19490	17340	15330	14330
750/60R30.5	AG24.00	754	1675	747.85	5121	181D	4	18980	14850	13040	12460	11220	9980	8830	8250
		29.6	65.9	29.4	201.6		58	41840	32740	28750	27470	24740	22000	19470	18190

FLOTMASTER 381

I-2

SB

FLOTATION

STEEL
BELTED

TRAILER

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 Speed Symbol	Infi press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Mixed application														
		SW mm in	OD mm in				mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
560/45R22.5 Steel Belted	AG 16.00	540	1080	485	3268	146D	3.2	6900	5400	4740	4530	4080	3630	3210	3000	2730
		21.3	42.5	19.1	128.7		46	15200	11890	10440	9980	8990	8000	7070	6610	6010
620/40R22.5 Steel belted	AG 20.00	612 24.1	1080 42.5	496.5	3286	148D	3.2	7250	5670	4980	4760	4280	3810	3370	3150	2870
				19.5	129.3		46	15970	12490	10970	10480	9430	8390	7420	6940	6320
				486 19.1	3295 129.7	154D	4	8630 19010	6750 14870	5930 13060	5660 12470	5100 11230	4540 10000	4010 8830	3750 8260	3410 7510
620/50R22.5 Steel belted	AG 20.00	600 23.6	1170 46.1	520 20.5	3601 141.8		161D	4 58	10640 23440	8330 18350	7310 16100	6980 15370	6290 13850	5600 12330	4950 10900	4625 10190
710/40R22.5 Steel belted	AG 24.00	702 27.6	1161 45.7	521 20.5	3550 139.8	162D		4 58	10930 24070	8550 18830	7510 16540	7170 15790	6460 14230	5750 12670	5080 11190	4750 10460

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	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
710/50R22.5	AG24.00	710	1280	575	3880	172D	5	14490	11340	9950	9510	8570	7620	6740	6300	
							73	31920	24980	21920	20950	18880	16780	14850	13880	
620/55R26.5 Steel belted	AG 20.00	612	1356	608	4103	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	4820
		24.1	53.4	23.9	161.5		58	26850	21010	18440	17620	15880	14120	12490	11670	10620
710/50R26.5 Steel belted	AG 24.00	710	1360	610	4171	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	5460
		28	53.5	24	164.2		58	30400	23790	20880	19960	17970	15990	14140	13220	12030
800/45R26.5 Steel belted	AG 28.00	801	1374	613	4045	174D	4	15410	12060	10590	10120	9110	8110	7170	6700	6100
		31.5	54.1	24.1	159.3		58	33940	26560	23330	22290	20070	17860	15790	14760	13440

381 RADIAL IMPLEMENT

FLOTATION

I-2

SB

STEEL BELTED



TRAILER



BALER



SPREADER TRUCK



WAGON

Alliance 381 Radial Implement 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 Speed Symbol	Infl. Press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Mixed Application										
				Static	10		15	25	30	40	50	60	65	70				
		mm / in	mm / in	mm / in	mm / in		bar psi	kmph	6	9	16	19	25	31	37	40	43	
560/45R22.5IMP	16	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	
620/50R22.5 IMP	AG20	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	
710/40R22.5IMP	AG24	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	24085	18850	18118	16546	15814	14242	12672	11206	10472	9531	

AGRIFLEX+ 881

I-2

SG

AS

STUBBLE GUARD

ALL STEEL



AGRICULTURAL IMPLEMENTS



BALER



TRAILER

Agriflex+ 881 is the latest addition to Alliance's engineered series of Agriflex tires. Specially designed to provide higher load carrying capacities for Planters, balers, trailers and agricultural implements. It can carry upto 40% more load at the same amount of pressure while ensuring minimum soil compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (kmph/mph)							
								mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12
VF445/65R22.5	14.00	444	1150	500.8	3450	176D	5.4	16330	12780	11220	10720	9660	8590	7600	7100
		17.5	45.3	19.7	135.8		78	36000	28180	24740	23630	21300	18940	16760	15650
VF255/70R22.5	7.5	255	930	407.7	2784	149D	5.4	7480	5850	5360	4910	4420	3930	3480	3250
		10	37	16	110		78	16480	12890	11810	10810	9740	8660	7670	7160
VF295/75R22.5	8.25	298	1014	452.4	3372	155D	4.8	8910	6980	6120	5850	5270	4690	4150	3875
		11.7	39.9	17.8	132.8		70	19640	15390	13490	12900	11620	10340	9150	8540
VF385/65R22.5						165D	-----UNDER DEVELOPMENT-----								

AGRIFLEX+ 381

FLOTATION

I-2

SB

STEEL BELTED



Alliance 381 Agriflex + is a VFsteel 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 lowest possible ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. It's specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		SW	OD				Mixed application								
		mm in	mm in				mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
VF445/50R22.5	AG14.00x22.5	437	1016	454	3123	167D	6.7	12540	9810	8610	8230	7410	6590	5830	5450
		17.2	40	17.9	123		97	27620	21610	18960	18130	16320	14520	12840	12000

AGRIFLEX+ 389

FLOTATION

HF-2

SB

STEEL BELTED



Alliance Agriflex+ 389 VFintroduces the next level of innovation: the world's first VFflotation 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 VFtires on today's high horsepower tractors. This significantly reduces the footprint pressure and thus results in low soil compaction.



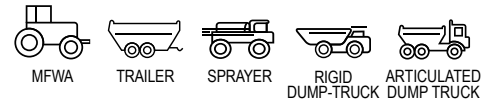
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Mixed application														
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi										
VF500/50R17	16.00x17	495	932	398	2786	150D	3.2	7040	5860	5160	4920	4460	3990	3550	3350	3120
		19.5	36.7	15.7	109.7		46	15520	12920	11380	10850	9830	8800	7830	7390	6880
VF500/60R22.5	AG16.00	503	1172	533	3536	155D	4	7720	6210		5340	4880	4430	4010	3785	
		19.8	46.1	21	139.2		58	17020	13690		11770	10760	9770	8840	8340	
VF560/60R22.5 IMP	AG16.00	565	1250	538	3759	163D	2.8	10240	8530	7510	7170	6480	5800	5170	4875	4530
		22.2	49.2	21.2	148		41	22575	18805	16557	15807	14286	12787	11398	10748	9987
VF600/55R26.5	AG20.00	629	1348	587	4064	167D	2.8	11450	9540	8390	8010	7250	6490	5780	5450	5070
		24.8	53.1	23.1	160		41	25220	21010	18480	17640	15970	14300	12730	12000	11170
VF650/55R26.5	AG20.00	550	1384	600	4173	171D	2.8	13350	11070	9720	9290	8360	7440	6580	6150	5720
		21.6	54.5	23.6	164.3		41	29410	24380	21410	20460	18410	16390	14490	13550	12600
VF650/60R26.5 IMP	AG 20.00	665	1453	622	4390	174D	2.8	14070	11730	10320	9850	8910	7970	7100	6700	6230
		26.2	57.2	24.5	172.8		41	31020	25860	22750	21720	19640	17570	15650	14770	13740
VF710/50R26.5	AG24.00	732	1400	602	4271	173D	2.8	13650	11380	10010	9560	8650	7740	6890	6500	6050
		28.8	55.1	23.7	168.1		41	30070	25070	22050	21060	19050	17050	15180	14320	13330
VF750/45R26.5 IMP	AG24.00	754	1360	589	4086	172D	2.8	13230	11030	9700	9260	8380	7500	6680	6300	5860
		29.7	53.5	23.2	160.9		41	29167	24317	21385	20415	18475	16535	14727	13889	12919
VF750/60R30.5 IMP	AG24.00	780	1680	721	5071	183D	2.8	18380	15310	13480	12860	11640	10410	9280	8750	8140
		30.7	66.1	28.4	199.7		41	40521	33753	29718	28351	25662	22950	20459	19290	17946
VF800/60R32 IMP	DW27B	800	1800	778	5465	188D	2.8	21000	17500	15400	14700	13300	11900	10600	10000	9300
		31.5	70.9	30.6	215.2		41	46300	38580	33950	32410	29320	26240	23370	22050	20500

BIAS FLOTATION

331 FLOTATION

FLOTATION

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	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
									Free rolling				Drive Wheel					
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31		
500/60-22.5 Steel Belted	16.00DC	503 19.8	1172 46.1	519 20.4	3472 136.7	8	149A8											
							146 B	1.6	4550	3870	3250	2930	3140	2670	2240	2020		
							136A8	23	10020	8520	7160	6450	6920	5880	4930	4450		
							132 B											
						12	157A8											
							154 B	2.4	5780	4910	4125	3710	4060	3450	2900	2610		
							145A8	35	12730	10810	9090	8170	8940	7600	6390	5750		
							142 B											
						16	163A8											
							159 B	3.2	6830	5800	4875	4390	4830	4110	3450	3110		
							151A8	46	15040	12780	10740	9670	10640	9050	7600	6850		
							148 B											
550/45-22.5 Steel Belted	17 16.00DC 18.00DC 20.00DC	550 21.7	1070 42.1	487 19.2	3211 126.4	8	145A8											
							142 B	1.4	4060	3450	2900	2610	2800	2380	2000	1800		
							132A8	20	8940	7600	6390	5750	6170	5240	4410	3960		
							128 B											
						12	153A8											
							149 B	2.1	5110	4340	3650	3290	3610	3060	2575	2320		
							141A8	30	11260	9560	8040	7250	7950	6740	5670	5110		
							137 B											
						16	159A8											
							156 B	3.2	6130	5210	4375	3940	4310	3660	3075	2770		
							147A8	46.41	13500	11480	9640	8680	9490	8060	6770	6100		
							143 B											
						22	166A8											
							162B	4	7420	6310	5300	4770	5250	4460	3750	3380		
							154A8	58	16340	13900	11670	10510	11560	9820	8260	7440		
							150B											
550/60-22.5	17 16.00DC	550 21.7	1238 48.7	539 21.2	3738 147.2	8	153A8											
							150 B	1.4	5110	4340	3650	3290	3500	2980	2500	2250		
							140A8	20	11260	9560	8040	7250	7710	6560	5510	4960		
							136 B											
						16	167A8											
							163 B	3.0	7630	6490	5450	4910	5250	4460	3750	3380		
							154A8	43.51	16810	14300	12000	10810	11560	9820	8260	7440		
							150 B											
600/40-22.5 Steel Belted	20.00DC	600 23.6	1090 42.9	480 18.9	3356 132.1	12	154A8											
							150 B	2.1	5250	4460	3750	3380	3710	3150	2650	2390		
							142A8	30	11560	9820	8260	7440	8170	6940	5840	5260		
							138 B											
						16	160A8											
							157 B	2.8	6300	5360	4500	4050	4410	3750	3150	2840		
							148A8	41	13880	11810	9910	8920	9710	8260	6940	6260		
							144 B											

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in						Free rolling				Drive Wheel			
							Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
600/50-22.5	20.00DC	600 23.6	1170 46.1	510 20.1	3472 136.7	16	165A8									
							161 B	2.6	7210	6130	5150	4640	5110	4340	3650	3290
							153A8	38	15880	13500	11340	10220	11260	9560	8040	7250
600/55-22.5	20.00DC	602 23.7	1270 50	533 21	3580 140.9	12	149 B									
							164A8									
							160 B	2	7000	5950	5000	4500	4830	4110	3450	3110
							151A8	29	15420	13110	11010	9910	10640	9050	7600	6850
							148 B									
						16	169A8									
							166 B	2.6	8120	6900	5800	5220	5600	4760	4000	3600
700/40-22.5	22 24.00DC	700 27.6	1170 46.1	509 20.0	3507 138.1	12	156A8	38	17890	15200	12780	11500	12330	10480	8810	7930
							153 B									
							160A8									
						16	157 B	1.7	6300	5360	4500	4050	4410	3750	3150	2840
							148A8	25	13880	11810	9910	8920	9710	8260	6940	6260
							144 B									
							166A8									
700/50-22.5	24.00DC	700 27.6	1270 50	550 21.7	4109 161.8	16	162 B	2.7	7420	6310	5300	4770	5250	4460	3750	3380
							154A8	39.16	16340	13900	11670	10510	11560	9820	8260	7440
							150 B									
							174A8									
500/60-26.5 Steel Belted	16.00DC	500 19.7	1270 50	560 22	3838 151.1	12	170 B	2.4	9380	7970	6700	6030	6650	5650	4750	4280
							162A8	35	20660	17560	14760	13280	14650	12440	10460	9430
							158 B									
						16	158A8									
							155 B	2.4	5950	5060	4250	3830	4200	3570	3000	2700
							146A8	35	13110	11150	9360	8440	9250	7860	6610	5950
							143 B									
600/50-26.5	20.00DC	600 23.6	1270 50	560 22	3694 145.4	16	165A8									
							161 B	3.2	7210	6130	5150	4640	5110	4340	3650	3290
							153A8	46	15880	13500	11340	10220	11260	9560	8040	7250
							149 B									
600/55-26.5	20.00DC	591 23.3	1333 52.5	583 23	3928 154.6	12	167A8									
							163 B	2.6	7630	6490	5450	4910	5430	4610	3875	3490
							155A8	38	16810	14300	12000	10810	11960	10150	8540	7690
						16	151 B									
							165A8									
							161 B	2	7210	6130	5150	4640	5110	4340	3650	3290
							153A8	29	15880	13500	11340	10220	11260	9560	8040	7250
700/40-26.5	24.00DC	700 27.6	1270 50	560 22	3690 145.3	8	149 B									
							170A8									
							167 B	2.6	8400	7140	6000	5400	6130	5210	4375	3940
						16	159A8	38	18500	15730	13220	11890	13500	11480	9640	8680
							156 B									
							154A8									
							150 B	1.1	5250	4460	3750	3380	3710	3150	2650	2390
							142A8	16	11560	9820	8260	7440	8170	6940	5840	5260
						16	139 B									
							168A8									
							164 B	2.2	7840	6660	5600	5040	5600	4760	4000	3600
							156A8	32	17270	14670	12330	11100	12330	10480	8810	7930
							153 B									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																		
									Speed, km/h (mph)																		
		SW	OD						Free rolling				Drive Wheel														
		mm in	mm in	mm in	mm in		10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31													
700/50-26.5	22 24.00DC	700 27.6	1333 52.5	580 22.8	4056 159.7	8	160A8		1.2 17	6300 13880	5360 11810	4500 9910	4050 8920	4410 9710	3750 8260	3150 6940	2840 6260										
							156 B																				
							148A8																				
							144 B																				
							174A8																				
							170 B																				
							162A8																				
800/45-26.5 Steel Belted	28.00DC	800 31.5	1393 54.8	614 24.2	4051 159.5	8	162A8		1.1 16	6650 14650	5650 12440	4750 10460	4280 9430	4690 10330	3990 8790	3350 7380	3020 6650										
							158 B																				
							150A8																				
							146 B																				
						12	158A8		1.7 25	8400 18500	7140 15730	6000 13220	5400 11890	5950 13110	5060 11150	4250 9360	3830 8440										
							155 B																				
							177A8																				
							173B																				
						16	164A8		2.2 32	10220 22510	8690 19140	7300 16080	5450 12000	7000 15420	5950 13110	5000 11010	4500 9910										
							160 B																				
600/60-30.5 Steel Belted	20.00DC	600 23.6	1500 59.1	655 25.8	4340 170.9		8	159A8											1.3 19	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060	3075 6770	2770 6100
								156 B																			
						147A8																					
						143 B																					
						12	169A8		2 29	8120 17890	6900 15200	5800 12780	5450 12000	5600 12330	4760 10480	4000 8810	3600 7930										
							165 B																				
							156A8																				
							152 B																				
						16	174A8		2.6 38	9380 20660	7970 17560	6700 14760	5450 12000	6480 14270	5500 12110	4625 10190	4160 9160										
							170 B																				
161A8																											
157 B																											
700/50-30.5 Steel Belted	24.00DC	700 27.6	1500 59	650 25.6	4380 172.4	16	176A8		2.2 32	9940 21890	8450 18610	7100 15640	5450 12000	6830 15040	5800 12780	4875 10740	4390 9670										
							172 B																				
							163A8																				
							159 B																				
800/45-30.5 Steel Belted	28.00DC	800 31.5	1500 59.1	655 25.8	4561 179.6	16	179A8		2.2 32	10850 23900	9220 20310	7750 17070	5450 12000	7630 16810	6490 14300	5450 12000	4910 10810										
							175 B																				
							167A8																				
							163 B																				

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								
		SW mm in	OD mm in	mm in	mm in		Bar psi	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
600/40-22.5	AG20.00	600	1090	505	3356	169A8	6	9570	8990	7710	7310	6900	6500	6150	5800	5220
		23.6	42.9	19.9	132.1	173A6	87	21100	19820	17000	16120	15210	14330	13560	12790	11510

331 RADIAL



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					
		SW	OD	Static	10 6		25 16	30 19	40 25	50 31			
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi							
600/45R22.5 Steel Belted	AG20.00	608	1152	511	3502	165A8	4	12100	7210	6130	5770	5150	4640
		23.9	45.4	20.1	137.9	161B	58	26650	15880	13500	12710	11340	10220
710/50R30.5 Steel Belted	AG 24.00	700	1500	674	4538	176D	4	16330	12780	11220	10720	9660	8590
		27.6	59.1	26.5	178.7		58	35970	28150	24710	23610	21280	18920

Alliance 328 HS (High Speed Flotation) is designed with good self-cleaning characteristics, which is suitable for on and off-the-road agricultural service on trailers and implements. The high load capacity and low inflation pressure of the tire results in high degree of agricultural soil protection, as well as low rolling resistance both, on and off-road. The tire is available in heavy and regular duty versions of flotation tires. Its strong nylon construction and compounds ensure long life.



328 HIGH SPEED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl.	Free rolling								
		press.	Recommend load, kg (lbs)														
			Speed, km/h (mph)														
			10 6					20 12	30 19	40 25	50 31	60 37	65 40	70 44			
mm in	mm in	mm in	mm in		Load index speed Sym	bar psi											
500/45-22.5	16.00DC	500	1030	475.9	3088		149D	3.6	5850	5360	4910	4420	3930	3480	3250	2960	
		19.7	40.6	18.7	121.6		146E	52	12900	11820	10830	9740	8660	7670	7170	6530	
500/60-22.5	AG16.00	500	1170	530	3539	8	142 D	⊗→	1.6	4550	4100	3640	3250	2930	2760	2680	2575
							141 E	23	10020	9030	8020	7160	6450	6080	5900	5670	
		19.7	46.1	20.9	139.3	12	150 D	⊗→	2.4	5780	5200	4620	4125	3710	3510	3400	3250
							149 E	35	12730	11450	10180	9090	8170	7730	7490	7160	
						16	156 D	⊗→	3.2	6790	6110	5430	4850	4370	4120	4000	3875
							155 E	46	14960	13460	11960	10680	9630	9070	8810	8540	
550/45-22.5	16.00DC	550	1070	476	3175	16	151 E	⊗→	2.8	6130	5510	4900	4375	3940	3720	3610	3450
		21.7	42.1	18.7	125		156 B	41	13500	12140	10790	9640	8680	8190	7950	7600	
550/60-22.5	16.00DC	550	1238	540	3765	8	146D	⊗→	1.4	5110	4600	4090	3650	3290	3100	3010	2900
							145 E	20	11260	10130	9010	8040	7250	6830	6630	6390	
		21.7	48.7	21.3	148.2	12	154D	⊗→	2.1	6300	5670	5040	4500	4050	3830	3710	3650
							153 E	30	13880	12490	11100	9910	8920	8440	8170	8040	
						16	160D	⊗→	2.8	7630	6870	6100	5450	4910	4630	4500	4375
							159 E	41	16810	15130	13440	12000	10810	10200	9910	9640	
						20	166D	⊗→	3.6	8990	8090	7190	6420	5780	5460	5300	-
								52	19800	17820	15840	14140	12730	12030	11670	-	
600/50-22.5	AG 20.00	600	1170	520	3450	8	145 D	⊗→	1.3	4830	4350	3860	3450	3110	2930	2850	2800
							144 E	19	10640	9580	8500	7600	6850	6450	6280	6170	
		23.6	46.1	20.5	135.8	12	153 D	⊗→	2	6130	5510	4900	4375	3940	3720	3610	3550
							152 E	29	13500	12140	10790	9640	8680	8190	7950	7820	
						16	158 D	⊗→	2.6	7210	6490	5770	5150	4640	4380	4250	4125
							157 E	38	15880	14300	12710	11340	10220	9650	9360	9360	9090
600/55-22.5	AG20.00	600	1270	550	3830	8	149 D	⊗→	1.4	5600	5040	4480	4000	3600	3400	3300	3150
							148 E	20	12330	11100	9870	8810	7930	7490	7270	6940	
		23.6	50	21.7	150.8	12	157 D	⊗→	2.1	7000	6300	5600	5000	4500	4250	4130	4000
							156 E	30	15420	13880	12330	11010	9910	9360	9100	8810	
						16	162 D	⊗→	2.8	8120	7310	6500	5800	5220	4930	4790	4625
							161 E	41	17890	16100	14320	12780	11500	10860	10550	10190	
700/40-22.5	AG24.00	700	1170	510	3486	8	145 D	⊗→	1.1	4970	4470	3980	3550	3200	3020	2930	2800
							144 E	16	10950	9850	8770	7820	7050	6650	6450	6170	
		27.6	46.1	20.1	137.3	12	153 D	⊗→	2	6300	5670	5040	4500	4050	3830	3710	3550
							152 E	29	13880	12490	11100	9910	8920	8440	8170	7820	
						16	159 D	⊗→	2.6	7420	6680	5940	5300	4770	4510	4370	4250
							158 E	38	16340	14710	13080	11670	10510	9930	9630	9360	
700/50-22.5	24.00DC	700	1270	550	3790	8	152E	⊗→	1.2	6130	5510	4900	4375	3940	3720	3610	3550
							156 B	17	13500	12140	10790	9640	8680	8190	7950	7820	
		27.6	50	21.7	149.2	12	160 E	⊗→	2.2	7840	7060	6270	5600	5040	4760	4620	4500
							164 B	32	17270	15550	13810	12330	11100	10480	10180	9910	
						16	166 E	⊗→	2.8	9380	8440	7500	6700	6030	5700	5530	5300
							167D	41	20660	18590	16520	14760	13280	12560	12180	11670	
600/55-26.5	20.00DC	600	1333	580	3850	8	149C	⊗→	1.3	5600	5040	4480	4000	3600	3250	-	-
							153B	19	12330	11100	9870	8810	7930	7160	-	-	
		23.6	52.5	22.8	151.6	12	157C	⊗→	2	7210	6490	5770	5150	4640	4125	-	-
							161B	29	15880	14300	12710	11340	10220	9090	-	-	
						16	163C	⊗→	2.6	8400	7560	6720	6000	5400	4875	-	-
							167B	38	18500	16650	14800	13220	11890	10740	-	-	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl.	Free rolling								
			press.					Recommend load, kg (lbs)									
								Speed, km/h (mph)									
				mm in	mm in		mm in	mm in	Load index speed Sym	bar psi	10 6	20 12	30 19	40 25	50 31	60 37	65 40
700/50-26.5	24.00DC	700 27.6	1333 52.5	580 22.8	3948 155.4	8	153 C	⊞→	1.2	6300	5670	5040	4500	4050	3650	-	-
							156 B		17	13880	12490	11100	9910	8920	8040	-	-
						12	161 C	⊞→	1.8	8120	7310	6500	5800	5220	4625	-	-
							165 B		26	17890	16100	14320	12780	11500	10190	-	-
						16	166C	⊞→	2.4	9380	8440	7500	6700	6030	5300	-	-
							170B		35	20660	18590	16520	14760	1328	11670	-	-
750/60-30.5 Special for high speed implement	24.00DC	750	1670	720	5040	16	172D	⊞→	2.5	11340	10400	9510	8570	7620	6740	6300	-
		29.5	65.7	28.3	198.4		179B		36	24980	22910	20950	18880	3460	14850	13880	-

328 HEAVY DUTY FLOTATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		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	50 31	
700/40-22.5	24.00 DC	700 27.6	1230 48.4	559 22	3486 137.3	177A6	6 87	10730	10080	8650	8190	7740	7300	6900	6500	5850	
700/50-22.5 for bailer app. free rolling	24.00 DC	700 27.6	1270 50	550 21.7	3790 149.2	16	2.8 41										
						174A8											
						170 B		11060	10390	8910	8440	7970	7500	7040	6700	6030	
						162A8		24360	22890	19630	18590	17560	16520	15510	14760	13280	
						158B											

328 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
									Free rolling				Drive Wheel						
				mm in	mm in		mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
#400/55-22.5	AG11.75 13.00DC	401 15.8	1030 40.6	455 17.9	3102 122.1	12	146A8												
							143 B	3	4200	3570	3000	2700	2970	2520	2120	1910			
							134A8	44	9250	7860	6610	5950	6540	5550	4670	4210			
							130 B												
						16	152A8												
							149 B	4	3500	2980	2500	2250	4970	4220	3550	3200			
							140A8	58	7720	6570	5510	4960	10960	9300	7830	7060			
							136 B												
						18	154A8	4.5	5600	4760	4000	3600	3920	3330	2800	2520			
							144A8	65	12320	10494	8800	7920	8624	7326	6160	5544			
400/60-22.5	11.75	400 15.7	1070 42.1	472 18.6	3140 123.6	18	160A8												
							156B	4.3	6300	5350	4500	4000	4410	3750	3150	2800			
							148A8	62	13890	11795	9920	8820	9720	8265	6945	6170			
							144B												
500/45-22.5 Steel Belted	16.00DC	500 19.7	1030 40.6	472 18.6	3000 118.1	12	148A8												
							148B	2.8	4410	3750	3150	2840	3140	2670	2240	2020			
							136A8	40	9710	8260	6940	6260	6920	5880	4930	4450			
							132B												
						16	154A8												
							150B	3.6	5250	4460	3750	3380	3710	3150	2650	2390			
							142A8	52	11560	9820	8260	7440	8170	6940	5840	5260			
							138B												
						18	157A8	4.2	5780	4910	4125	3712.5	4060	3450	2900	2610			
							145A8	61	12716	10802	9075	8168	8932	7590	6380	5742			

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																									
		SW	OD						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	40 25	50 31														
#500/45-22.5	AG16.00 x22.5	500	1030	455	3153	18	157A8	4.2	4060	3450	2900	2610	5780	4910	4125	3710																		
		19.7	40.6	17.9	124.1		145A8	61	8950	7610	6390	5750	12740	10830	9090	8180																		
500/60-22.5	AG16.00 16.00DC	500	1170	503.85	3455	8	136A8	♂	1.6	4550	3870	3250	2930	3140	2670	2240	2020																	
							132 B	♀	23	10020	8520	7160	6450	6920	5880	4930	4450																	
						12	157A8	♂	2.4	5780	4910	4125	3710	4060	3450	2900	2610																	
							154 B	♂										35	12730	10810	9090	8170	8940	7600	6390	5750								
							145A8	♀										16	163A8	♂	3.2	6830	5800	4875	4390	4830	4110	3450	3110					
							142 B	♀											46	15040										12780	10740	9670	10640	9050
						151A8	♀	18	165A8	♂	3.5	7210	6130	5150	4640	5110	4340	3650	3285															
						148 B	♀		51	15862										13486										11330	10208	11242	9548	8030
						161B	♂		16	163A8										♂	3.6	4830	4110	3450	3105	6830	5800	4875	4390					
						153A8	♀			52										10650										9060	7610	6850	15060	12790
						149B	♀	18	165A8	♂	3.6	5110	4340	3650	3285	7210	6130	5150	4640															
						149B	♀		52	11270										9570										8050	7240	15900	13510	11350
						550/45-22.5	16.00DC 18.00 DC	550	1070	470										3105	8	145A8	♂	1.4	4060	3450	2900	2610	2800	2380	2000	1800		
																						142B	♂										20	8940
132A8	♀	12	153A8	♂	2.1						5110	4340	3650	3290	3610	3060	2575	2320																
128B	♀		30	11260															9560		8040	7250	7950										6740	5670
141A8	♀		16	159A8															♂		2.8	6130	5210	4375	3940	4310	3660	3075	2770					
137B	♀			41															13500											11480	9640	8680	9490	8060
159A8	♂	20		165A8	♂						3.6	7210	6130	5150	4635	5110	4340	3650	3285															
156B	♂			52	15862																									13486	11330	10197	11242	9548
147A8	♀		#550/45-22.5	16.00DC x22.5	550																1070	476	3180	165A8	♂	3.6	5110	4340	3650	3285	7210	6130	5150	4640
143B	♀																							52	11270									
160A8	♂	12	156B	♂	2.3						6300	5360	4500	4050	4410	3750	3150	2840																
148A8	♀		33	13880															11810		9910	8920	9710	8260	6940									
144B	♀		16	166A8															♂		3	7420	6310	5300	4770	5250	4460	3750	3380					
162B	♂			44															16340											13900	11670	10510	11560	9820
154A8	♀	8		144A8	♂	1.4	3920	3330	2800	2520	2800	2380	2000	1800																				
150B	♀			20	8624										7326	6160	5544	6160	5236	4400										3960				
132A8	♀		12	159A8	♂										2	6130	5210	4375	3940	4310	3660	3075	2770											
128B	♀			29	13500																			11480	9640	8680	9490	8060	6770	6100				
147A8	♀	16		165A8	♂	2.6	7210	6130	5150	4640	5110	4340	3650	3290																				
144 B	♀			38	15880																			13500	11340	10220	11260	9560	8040	7250				
161 B	♂		18	168A8	♂										3.2	5600	4760	4000	3600	7840	6660	5600	5040											
149 B	♀			46	12350																			10490	8820	7940	17280	14680	12350	11110				
156A8	♀																																	

Size with # is available in C marked which is best fit for sugarcane application.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						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
600/55-22.5	AG20.00 20.00DC	600 23.6	1270 50	532 20.9	3758 148.0	8	156A8		1.3	5600	4760	4000	3600	3920	3330	2800	2520
							153 B		19	12330	10480	8810	7930	8630	7330	6170	5550
							144A8										
						12	164A8		2	7000	5950	5000	4500	4830	4110	3450	3110
							160 B		29	15420	13110	11010	9910	10640	9050	7600	6850
							151A8										
						16	148 B		2.6	8120	6900	5800	5220	5600	4760	4000	3600
							169A8		38	17890	15200	12780	11500	12330	10480	8810	7930
							166 B										
700/40-22.5	22.00 24.00DC	700 27.6	1170 46.1	524 20.6	3512 138.3	16	166A8		2.6	7420	6310	5300	4770	5250	4460	3750	3380
							162 B		38	16340	13900	11670	10510	11560	9820	8260	7440
							159D										
						18	158E		3.4	7840	6660	5600	5040	5600	4760	4000	3600
							156A8		49	17270	14670	12330	11100	12330	10480	8810	7930
700/50-22.5	22 24.00DC	700 27.6	1270 50	541 21.3	3882 152.8	16	153 B		2.8	9380	7970	6700	6030	6650	5650	4750	4280
							174A8		41	20660	17560	14760	13280	14650	12440	10460	9430
							170 B										
600/55-26.5	AG20.00	591 23.3	1338 52.7	579 22.8	3938 155.0	12	158 B		2	7210	6130	5150	4640	5110	4340	3650	3290
							165A8		29	15880	13500	11340	10220	11260	9560	8040	7250
							161 B										
						16	153A8		2.6	8400	7140	6000	5400	6130	5210	4375	3940
							149 B		38	18500	15730	13220	11890	13500	11480	9640	8680
							170A8										
700/50-26.5	24.00DC	700 27.6	1333 52.5	580 22.8	3948 155.4	16	156 B		2.4	9380	7970	6700	6030	6650	5650	4750	4280
							174A8		35	20660	17560	14760	13280	14650	12440	10460	9430
800/45-26.5	28.00DC	800 31.5	1393 54.8	614 24.2	4050 159.4	8	162A8		1.1	6650	5650	4750	4280	4690	3990	3350	3020
							150A8		16	14650	12440	10460	9430	10330	8790	7380	6650
							146 B										
						16	177A8		2.2	10220	8690	7300	6570	7000	5950	5000	4500
							173B		32	22510	19140	16080	14470	15420	13110	11010	9910
							164A8										
650/60-30.5	20.00DC	650 25.6	1670 65.7	704.45 27.7	4860 191.3	8	160 B		1.1	7420	6310	5300	4770	5250	4460	3750	3380
							166A8		16	16340	13900	11670	10510	11560	9820	8260	7440
							162 B										
						12	154A8		1.7	9380	7970	6700	6030	6650	5650	4750	4280
							174A8		25	20660	17560	14760	13280	14650	12440	10460	9430
							170 B										
750/60-30.5	24.00DC	750 29.5	1670 65.7	720 28.3	5040 198.4	16	158 B		2.2	10850	9220	7750	6980	7630	6490	5450	4910
							179A8		32	23900	20310	17070	15370	16810	14300	12000	10810
							175 B										
800/45-30.5	AG24.00 28.00DC	800 31.5	1500 59.1	662 26.1	4451 175.2	16	163 B		2.4	10500	8930	7500	6750	7420	6310	5300	4770
							182A8		35	23100	19646	16500	14850	16324	13882	11660	10494
							174B										
850/50-30.5 18 PR - LMS	28.00DC	850 33.5	1670 65.7	720 28.3	4790 188.6	12	166A8		1.5	11200	9520	8000	7200	7840	6660	5600	5040
							164 B		22	24670	20970	17620	15860	17270	14670	12330	11100
							186A8										
						16	182 B		2.2	13300	11310	9500	8550	9380	7970	6700	6030
							174A8		32	29300	24910	20930	18830	20660	17560	14760	13280
							170 B										
18	193A8		3	16100	13690	11500	10350	11270	9580	8050	7250						
	189B		44	35460	30150	25330	22800	24820	21100	17730	15970						
	180A8																

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl.	Recommend load, kg (lbs)									
							press.	Speed, km/h (mph)									
		SW	OD					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
550/60-22.5	AG16.00X22.5	550 21.7	1238 48.7	529.6 20.9	3587 141.2	12											
						160A8	2.4	6300	5360	5040	4500	4050	4410	3750	3530	3150	2840
						148A8	35	13889	11817	11111	9921	8929	9722	8267	7782	6945	6261
750/60-30.5	24	750 29.5	1670 65.7	715 28.1	5013 197.4	16											
						182A8	2.2	11900	10120	9520	8500	7650	8400	7140	6720	6000	5400
						179B	32	26240	22310	20990	18740	16870	18520	15740	14820	13230	11910
						182A8											
						179B											

328 RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl.	Free rolling							
							press.	Recommend 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	65 40
500/50R17	16.00	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

328 AGRI TRANSPORT

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 km/h	25 km/h	30 km/h	40 km/h	50 km/h	Static	10 km/h	25 km/h	30 km/h	40 km/h	50 km/h
400/55-22.5	AG11.75 AG13.00, 13.00 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		58	7720	6570	6170	5510	4960	10960	9300	8770	7830	7060		
400/55-22.5 (C)	13.00DC	401	1030	483	3171	16	4	3500	2980	2800	2500	2250	4970	4220	3980	3550	3200		
		15.8	40.6	19	124.8	152A8 149B	58	7720	6570	6170	5510	4960	10960	9300	8770	7830	7060		
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 (C)	AG16.00	500	1030	476	3153	18	4.2	4060	3450	3250	2900	2610	5780	4910	4620	4125	3710		
		19.7	40.6	18.7	124.1		61	8950	7610	7170	6390	5750	12740	10830	10190	9090	8180		
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		39	6920	5890	5530	4940	4450	9720	8270	7780	6950	6260		
500/45-22.5 (KRONE)	W12	500	1030	472	3131	16	3.6	3710	3150	2970	2650	2390	5250	4460	4200	3750	3380		
		19.7	40.6	18.6	123.3	154A8 150B	52	8180	6950	6550	5840	5270	11570	9830	9260	8270	7450		
500/45-22.5	16	500	1050	484	3187	16	3.6	6228	3710	3154	2968	2650	2385	6188	5250	4463	4200	3750	3375
		19.7	41.3	19.1	125.5		52	13730	8180	6950	6540	5840	5260	13640	11570	9840	9260	8270	7440
550/45-22.5 C	16	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		
550/45-22.5 C	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		

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 mm in	OD mm in				mm in	mm in	bar psi	Static	10 km/h	25 km/h	30 km/h	40 km/h	50 km/h	Static	10 km/h	25 km/h	30 km/h
550/45-22.5	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	52		11270	9570	9020	8050	7250		15900	13510	12720	11350	10230
						161B													
550/60-22.5	17.00 16.00DC AG16.00	550	1238	555	3705	16	3		5250	4460	4200	3750	3380		7420	6310	5940	5300	4770
		21.7	48.7	21.9	145.9		44		11570	9830	9260	8270	7450		16360	13910	13100	11680	10520
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		44		9720	8270	7780	6950	6260		13890	11820	11110	9920	8930
600/50-22.5	AG20.00 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		29		9500	8070	7580	6780	6110		13510	11490	10800	9650	8690
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		17		6170	5250	4940	4410	3970		8640	7340	6920	6170	5560
600/50-22.5	AG20.00 20.00DC	600	1170	507	3450	16	4		3140	2670	2510	2240	2020		4410	3750	3530	3150	2840
		23.6	46.1	20	135.8		58		6920	5890	5530	4940	4450		9720	8270	7780	6950	6260
600/50-22.5 C	20	600	1170	518	3450	16	4		3140	2670	2510	2240	2020		4410	3750	3530	3150	2840
		23.6	46.1	20.4	135.8		58		6920	5890	5530	4940	4450		9720	8270	7780	6950	6260
600/55-22.5	20	600	1270	532	3758	12	2		4830	4110	3860	3450	3110		7000	5950	5600	5000	4500
		23.6	50	20.9	148		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		38		9500	8070	7580	6780	6110		13510	11490	10800	9650	8690
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														
700/50-22.5	22 24.00DC	700	1270	541	3882	16	2.8		6650	5650	5320	4750	4280		9380	7970	7500	6700	6030
		27.6	50	21.3	152.8		41		14660	12460	11730	10470	9440		20680	17570	16540	14770	13290
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
750/60-30.5	24	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	32		18520	15740	14820	13230	11910		26240	22310	20990	18740	16870
						179B													

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)													
		Speed, km/h (mph)																			
		Mixed Application																			
		SW mm in	OD mm in				mm in	mm in	bar psi	Static	10 km/h	15 km/h	20 km/h	25 km/h	30 km/h	35 km/h	40 km/h	45 km/h	50 km/h	55 km/h	60 km/h
700/50-22.5	16	700	1270	567	3790	167D(166E)	2.8	12535	9810	9429	8993	8611	8230	7848	7412	7031	6595	6213	5832	5450	4960
		27.6	50	22.3	149.2	155D(154E)	41	27640	21630	20790	19830	18980	18140	17300	16340	15500	14540	13700	12860	12020	10940

328 VALUE PLUS

FLOTATION

1-3



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	PR	Free/Drive Wheel	Infl.	Recommend load, kg (lbs)									
		SW	OD					press.	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	40 25	50 31
400/55-22.5	13.00DC	401 15.8	1030 40.6	455 17.9	3150 124	16	152A8	⤵										
							149B		4	4970	4220	3550	3200	3500	2980	2500	2250	
							140A8	⤵	58	10950	9300	7820	7050	7710	6560	5510	4960	
							136B	⤵										
500/45-22.5	16.00DC	500 19.7	1030 40.6	455 17.9	3153 124.1	16	154A8											
							150B	⤵	3.6	5250	4460	3750	3380	3710	3150	2650	2390	
							142A8	⤵	52	11560	9820	8260	7440	8170	6940	5840	5260	
							138B	⤵										
500/60-22.5	16.00DC	500 19.7	1170 46.1	510 20.1	3460 136.2	16	163A8	⤵										
							159B	⤵	3.2	4830	4110	4875	3450	6830	5800	4875	4390	
							151A8	⤵	46	10650	9060	7610	6860	15060	12790	10750	9680	
							148B	⤵										
550/45-22.5	16.00DC 18.00DC	550 21.7	1070 42.1	470 18.5	3105 122.2	16	159A8	⤵										
							156B	⤵	2.8	6130	5210	4375	3940	4310	3660	3075	2770	
							147A8	⤵	41	13500	11480	9640	8680	9490	8060	6770	6100	
							143B	⤵										
550/60-22.5	16.00DC	550 21.7	1238 48.7	540 21.3	3765 148.2	16	166A8	⤵										
							162B	⤵	3	7420	6310	5300	4770	5250	4460	3750	3380	
							154A8	⤵	44	16340	13900	11670	10510	11560	9820	8260	7440	
							150B	⤵										

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl.	Recommend load, kg (lbs)											
		SW	OD				press.	Speed, km/h (mph)											
								Drive Wheel						Free Rolling					
				mm in	mm in			mm in	mm in	bar psi	Static	10 km/h	20 km/h	30 km/h	40 km/h	50 km/h	Static	10 km/h	20 km/h
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
550/60-22.5	AG16.00	550	1238	0	3710	16	3	8813	5250	4725	4200	3750	3375	8745	7420	6678	5936	5300	4770
		21.7	48.7	0	146.1		44	19430	11570	10420	9260	8270	7440	19280	16360	14720	13090	11680	10520

351 I-1



AGRICULTURAL
IMPLEMENTS

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	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)										
									Speed, km/h (mph)										
		SW	OD						Free rolling				Drive Wheel						
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31			
11.25-24SL Steel Belted	W10H W10 W8 W8H	325 12.8	1171 46.1	530 20.9	3460 136.2	8	128A8												
							124 B	→	2.2	2520	2140	1800	1620	1750	1490	1250	1130		
							116A8	↻	32	5550	4710	3960	3570	3850	3280	2750	2490		
							112 B	↻											
						10	134A8	→											
							130 B	→	2.7	2970	2520	2120	1910	2100	1790	1500	1350		
							122A8	↻	39	6540	5550	4670	4210	4630	3940	3300	2970		
							119 B	↻											
						12	138A8	→											
							134 B	→	3.3	3300	2810	2360	2120	2310	1960	1650	1490		
							125A8	↻	48	7270	6190	5200	4670	5090	4320	3630	3280		
							122 B	↻											
11.25-28SL	W10H W10	325 12.8	1273 50.1	580 22.8	3780 148.8	12	139A8	→											
							135 B	→	3.3	3400	2890	2430	2190	2380	2020	1700	1530		
							126A8	↻	48	7490	6370	5350	4820	5240	4450	3740	3370		
							123 B	↻											
						14	142A8	→											
							138 B	→	3.7	3710	3150	2650	2390	2590	2200	1850	1670		
							129A8	↻	54	8170	6940	5840	5260	5700	4850	4070	3680		
							125 B	↻											

128 HF-2

FLOTATION



TRAILER BALER WAGON

The Alliance 128 HS (High Speed Flotation) is designed with good self-cleaning characteristics which is suitable for on and off-the-road agricultural service on trailers and implements. The high load capacity and low inflation pressure of the tire results in high degree of agricultural soil protection, as well as low rolling resistance on both, on and off-road uses. The unique tread design enables smooth and quiet ride on road as well as high traction off the road. Its strong nylon construction and compounds ensure long life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel		Infl.	Free rolling							
		press.	Recommend load, kg (lbs)														
			Speed, km/h (mph)														
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 44	
800/35-22.5 HS	28.00DC	800	1170	525	3508	16	162D		2.6	8120	7310	6500	5800	5220	4930	4750	—
	26.00DC	31.5	46.1	20.7	138.1		169A8		38	17890	16100	14320	12780	11500	10860	10460	—
	24.00DC																

222 I-1



TRAILER

AGRICULTURAL
IMPLEMENTS

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	Infl. press.	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 kmph	10 kmph	20 kmph	30 kmph	35 kmph	40 kmph	50 kmph	Static kmph	10 kmph
500/60-22.5	AG16.00 16.00, 15.00	550	1238	556	3841	16	2.8	8813	5250	4725	4411	3938	3750	3375	8993	7630	6867	6410	5723	5450	4905
		21.7	48.7	21.9	151.2	41	19430	11570	10420	9730	8680	8270	7440	19830	16820	15140	14130	12620	12020	10810	
600/55-22.5	AG20.00 20.00DC	602	1235			16	2.6	9400	5600	5040	4704	4200	4000	3600	9570	8120	7308	6821	6090	5800	5220
		23.7	48.6			38	20720	12350	11110	10370	9260	8820	7940	21100	17900	16110	15040	13430	12790	11510	

348 TracPRO R-1



2WD TRACTOR

MFWA

COMBINE HARVESTER

348 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 Circum	Load Index PR Symbols	Infl. press.	Recommend load									
								Speed									
		SW	OD				Tractor application										
		mm in	mm in	mm in	mm in		bar psi	Static kmph	5 kmph	10 kmph	15 kmph	20 kmph	25 kmph	30 kmph	35 kmph	40 kmph	
12.4-28	W11x28	315	1270	596.2	3835	12	2.5	3800	2810	2310	2150	1980	1770	1650	—	—	
	W10x28	12.4	50	23.5	151	A6		8378	6195	5093	4740	4365	3902	3638	—	—	
16.9-28	W15LX30	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	429	1485	667	4370	12	2.4	6440		3920	3640	3360	3000	2800	2660	2520	
		16.9	58.5	26.3	172	144A6	35	14200		8640	8030	7410	6610	6170	5860	5560	

FRONT AND IMPLEMENT



TracPRO F-2

F-2



Alliance TracPRO F-2 tractor front tire displays better self cleaning because of the notches (3 Rib) on its shoulder. The specialised rib pattern ensures comfortable driving experience and the special stubble protection compound offers long life because of puncture and damage resistance.

(3 Rib)

(Multi-Rib)



TracPRO F-2 (3 Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								mm in	mm in	mm in	mm in	bar psi	Static
6.00-16	4.50E	165	735	341	2206	8 94A6	4.4		1010	900	770	670	540
		6.5	28.9	13.4	86.9	87AB	64		2230	1980	1700	1480	1190
6.50-16	4.50E	180	765	366.5	2333	8	4.2	1730	1130	1010	860	750	600
		7.1	30.1	14.4	91.9	98A6	61	3810	2490	2230	1900	1650	1320
7.50-16	5.05F	205	805	385.75	2483	8	3.7	2010	1310	1180	1010	875	700
		8.1	31.7	15.2	97.8	103A6	54	4430	2890	2600	2230	1930	1540
6.50-20	5.00F	184	880	420	2702	8	4.5	1960	1280	1150	980	850	680
		7.2	34.6	16.5	106.4	102A6	65	4320	2820	2540	2160	1870	1500

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Tractor Applications						
		mm in	mm in	mm in	mm in		bar psi	10 km/h	15 km/h	20 km/h	25 km/h	30 km/h	35 km/h	40 km/h
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
6.50-16	4.5	180	765	366	2333	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
7.50-16	5.05F	205	805	386	2483	8	3.7	1313	1251	1181	1006	875	788	700
	5.50E, 6LB	8.1	31.7	15.2	97.8	103A6	54	2900	2760	2600	2220	1930	1740	1540
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

TracPRO F-2 (Multi-Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Mixed application					
				mm in	mm in	mm in	mm in	mm in	mm in	Static	10(1) 2 6	20 16	25 19
6.00-16	4.50E	170	750	354	2416	8	4.5	1540	1010	900	770	670	
		6.7	29.5	13.9	95.1	94A6	65	3400	2230	1980	1700	1480	
6.50-16*						8	-----UNDER DEVELOPMENT-----						
7.50-16	5.50F	205	805	370	2403	8	3.7	2010	1310	1180	1010	875	700
		8.1	31.7	14.6	94.6	103A6 96AB	54	4430	2890	2600	2220	1930	1540
9.00-16	6.00	253	855	400	2457	10	3.9						
		10.0	33.7	15.7	96.7	116A6	56.56						
6.50-20	5.50F	184	880	420.95	2702	8	4.5						
		7.2	34.6	16.6	106.4	102A6	65						

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Tractor Applications						
								mm in	mm in	mm in	mm in	mm in	mm in	mm in
6.00-16	4.50E	170	750	354	2416	8	4.5	1005	958	905	771	670	603	536
		6.7	29.5	13.9	95.1	94A6	65	2220	2110	2000	1700	1480	1330	1180
9.00-16	6.00	253	855	400	2457	10	3.9	1875	1788	1688	1438	1250	1125	1000
	W18	10	33.7	15.7	96.7	116A6	57	4130	3940	3720	3170	2760	2480	2210
7.50-16	5.50F	208	814	330.7	2404	8	3.7	1313	1251	1181	1006	875	788	700
		8.2	32	13	94.6	103A6	54	2895	2758	2604	2218	1929	1737	1543

Alliance 303 Steering Wheel tire is a 3-rib (front wheel) tire designed for general farming purposes. It has a raised centre 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.



303 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
9.00-16HD	W8	234	855	394	2556	10	3.9	1880	1790	1690	1440	1250	1130	1000	910
	W7 6.00F	9.2	33.7	15.5	100.6	116A6 108A8	57	4140	3940	3720	3170	2750	2490	2200	2000

303 TRACTOR FRONT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in						bar psi	10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22	40 25
5.00-15	4.00E 4J 3.00D	140 5.5	655 25.8	307 12.1	1979 77.9	4	73A6	2.75	550	520	490	420	365	330	290	
							65A8	40	1210	1150	1080	930	810	730	640	
						6	81A6	4.2	690	660	620	530	462	420	370	
							73A8	61	1520	1460	1370	1170	1020	930	820	
10.00-16	W8L 8LB	274 10.8	895 35.2	407.3 16.0	2646 104.2	8	115A6	2.8	1820	1740	1640	1400	1215	1090	970	
							107A8	41	4010	3830	3610	3080	2680	2400	2140	
						10	119A6	3.4	2040	1940	1840	1560	1360	1220	1090	
							111A8	49	4490	4270	4050	3440	3000	2690	2400	
11.00-16	W8L 10LB 8LB	315 12.4	965 38	436 17.2	2850 112.2	10	122A6	3.1	2250	2150	2030	1730	1500	1350	1200	
							114A8	45	4960	4740	4470	3810	3300	2970	2640	
6.00-16	4.50E 4.00E 4.25KA 5K	165 6.5	735 28.9	341 13.4	2206 86.9	6	88A6	3.3	840	800	760	640	560	500	450	
							80A8	48	1850	1760	1680	1410	1240	1100	990	
						8	94A6	4.4	1010	960	900	770	670	600	540	
							87A8	64	2220	2110	1980	1700	1480	1320	1190	
6.50-16	4.00E 5K 5.5F 4.25KA	175 6.9	760 29.9	353 13.9	2283 89.9	6	91A6	3.1	920	880	830	710	615	550	490	
							83A8	45	2030	1940	1830	1570	1360	1210	1080	
7.50-16	5.50F 5K 6LB	205 8.1	805 31.7	378.2 14.9	2452 96.5	8	103A6	3.9	1310	1250	1180	1010	875	790	700	
							96A8	56	2890	2750	2600	2220	1930	1740	1540	
9.00-16	W8 W7 6.00F	234 9.2	855 33.7	394 15.5	2556 100.6	10	116A6	3.9	1880	1790	1690	1440	1250	1130	1000	
							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	8	107A6	3.7	1460	1390	1320	1120	975	880	780	
							99A8	54	3220	3060	2910	2470	2150	1940	1720	
6.00-19	4.50E	165 6.5	814 32	382 15	2461 96.9	6	93A6	3.3	980	930	880	750	650	590	520	
							85A8	48	2160	2050	1940	1650	1430	1300	1150	
6.50-20	4.50E	175 6.9	865 34.1	404 15.9	2608 102.7	6	97A6	3.1	1100	1040	990	840	730	660	580	
							89A8	45	2430	2290	2180	1850	1610	1460	1280	

303 FarmPRO

F-2



303 FarmPRO is an aesthetically improved modern F2 design. It has an optimized rib design suitable for both on and off road applications. The specially designed rib angles and radius ensure better roadability. Additional rubber layer under tread provides penetration resistance and improved sidewall deflection ensures better stability.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
		mm in	mm in	mm in	mm in			bar psi	10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22	40 25
5.00-15	4.00E	140	665	309.7	1995	4	2.8	550	-	490	420	365	-	-	-
		5.5	26.2	12.2	78.5	73A6/65A8	41	1210	-	1080	930	810	-	-	-
5.50-16	4.00E	150	710	337.35	2139	6	3.7	800	-	720	610	530	-	420	970
		5.9	28	13.3	84.2	86A6/78A8	54	1760	-	1590	1350	1170	-	930	2140
6.00-16	4.50E 4.5E	165	735	348	2206	6	3.3	840	-	760	640	560	-	450	1060
						88A6/80A8	48	1850	-	1680	1410	1240	-	990	2330
		6.5	28.9	13.7	86.9	8	4.5	1010	-	900	770	670	-	540	420
						94A6/87A8	65	2230	-	1980	1700	1480	-	1190	930
6.50-16	4.00E	175	760	353.95	2254	6	3.1	920	-	830	710	615	-	490	450
		6.9	29.9	13.9	88.7	91A6/83A8	45	2030	-	1830	1570	1360	-	1080	990
7.50-16	5.50F	205	805	360	2440	6	2.8	1130	-	1010	860	750	-	600	540
		8.1	31.7	14.2	96.1	98A6/90A8	41	2490	-	2230	1900	1650	-	1320	1190
		205	805	373.25	2426	8	3.7	1310	-	1180	1010	875	-	700	490
		8.1	31.7	14.7	95.5	103A6/96A8	54	2890	-	2600	2230	1930	-	1540	1080
	5.5	210	815	382	2473	10	4.7	1545	1473	1391	1185	1030	927	824	824
		8.3	32.1	15	97.4	109A6/101A8	68	3410	3250	3070	2610	2270	2040	1820	1820
9.00-16	W8	234	855	395	2585	10	3.9	1880	-	1690	1440	1250	-	1000	600
		9.2	33.7	15.6	101.8	116A6/108A8	57	4150	-	3730	3180	2760	-	2210	1320
10.00-16	W8L	275	895	410	2700	8	2.8	1820	-	1640	1400	1215	-	970	700
		10.8	35.2	16.1	106.3	115A6/107A8	41	4010	-	3620	3090	2680	-	2140	1540
11.00-16	W8L	315	965	432.8	2839	8	2.4	1980	-	1780	1520	1320	-	1060	1000
		12.4	38	17.0	111.8	118A6/110A8	35	4370	--	3920	3350	2910	--	2340	2200
7.50-18	5.50F	205	860	395	2590	8	3.7	1460	-	1320	1120	975	-	780	780
		8.1	33.9	15.6	102	107A6/99A8	54	3220	-	2910	2470	2150	-	1720	1720
4.00-19	3.00D	112	716	330	2134	4	3.4	530	-	480	410	355	-	280	280
		4.4	28.2	13	84	72A6	49	1170	-	1060	900	780	-	620	620
6.00-19	W8	165	814	390	2485	6	3.3	980	-	880	750	650	-	520	520
		6.5	32	15.4	97.8	93A6	48	2160	-	1940	1650	1430	-	1150	1150
7.50-20	5.5F	205	905	425	2735	8	3.4	1550	-	1390	1180	1030	-	820	820
		8.1	35.6	16.7	107.7	109A6/101A8	49	3420	-	3060	2600	2270	-	1810	1810

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Sym	Infl. press.	Recommend load, kg (lbs)							
								Speed, km/h (mph) Free Rolling							
		SW	OD												
		mm in	mm in				mm in	mm in		bar psi	10 6	15 9	20 12	25 16	30 19
7.50-16	5.5	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	

303 FarmPRO MULTIRIB

F-2



303 FarmPRO Multi-rib 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	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)				
		SW mm in	OD mm in					Speed, km/h (mph)				
								Static	10 6	25 16	30 19	40 25
10.00-16	W8	274	895	425	2696	12	4	2560	2000	1660	1550	1400
		10.8	35.2	16.7	106.1	123A6/115A8	58	5640	4410	3660	3420	3090
11.00-16	W10	315	965	435	2893	12	3.7		2550	1960	1700	1360
		12.4	38	17.1	113.9	126A6/118A8	54		5620	4320	3750	3000
6.50-20	5.00F	175	865	417	2619	8	3.9		1240	950	825	660
		6.9	34.1	16.4	103.1	101A6/93A8	57		2730	2090	1820	1460
7.50-20	5.50F	205	915	429	2738	8	3.4		1550	1180	1030	820
		8.1	36	16.9	107.8	109A6/101A8	49		3420	2600	2270	1810

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 Circum	PR	Load Index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
									mm in	mm in	mm in	mm in	10 6	15 9	20 12
14L-16.1SL	W11C	346 13.6	986 38.8	450 17.7	2930 115.4	6	117 A6	1.9	2230	1930	1730	1480	1285	1160	1030
							109 A8	28	4910	4250	3810	3260	2830	2560	2270
						8	123 A6	2.5	2700	2330	2090	1780	1550	1400	1240
							116 A8	36	5950	5130	4600	3920	3410	3080	2730
						10	127 A6	3	3040	2630	2360	2010	1750	1580	1400
							120 A8	44	6700	5790	5200	4430	3850	3480	3080

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Free Rolling				
		mm in	mm in	mm in	mm in		bar psi	Static kmph	15 9	25 16	30 19	40 25
11L-15SL	8LB	279	813	378.5	2389	8PR	3	2190	1430	1050	1020	950
		11	32	14.9	94.1	106A8	44	4830	3150	2320	2250	2090
11.00-16	W10L	315	962	430	2845	8PR	3	1900	1430	1220	1050	950
		12.4	37.9	16.9	112	114A8	44	4190	3150	2690	2320	2090
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
9.5L-15	8LB	253	782	357	2337	8PR	3.3	1700	1280	1090	940	850
		10	30.8	14.1	92	102A8	48	3750	2820	2400	2070	1870
10.00-16	8LB	281	891	411.80	2672	8PR	2.8	2120	1590	1360	1180	1060
		11.1	35.1	16.2	105.2	110A8	41	4670	3510	3000	2600	2340

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure	Recommended Load								
		SW	OD					Speed km/h (mph)								
								mm	mm	mm	mm	bar	10	25	40	50
14L-16.1SL	W11C	980	956	415	2708	12PR	3.6	2450	2080	1750	1575					
		38.6	37.6	16.3	106.6	127A8	52	5400	4590	3860	3470					

571

IMP

SB

STEEL
BELTED

TRAILER

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	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					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	60 37
340/65R18	11	340	892	405	2717	145E	5	4790	4060	3560	3250	3150	3120	3050	2970	2900
		13.4	35.1	15.9	107	148A8	73	10550	8940	7840	7160	6940	6870	6720	6540	6390

319

I-1

AGRICULTURAL
IMPLEMENTS

TRAILER



BALER

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	PR	Free/Drive Wheel		Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)															
		Free rolling								Drive Wheel							
		SW	OD														
mm in	mm in	mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31		
15.0/55-17	13	391 15.4	850 33.5	373 14.7	2470 97.2	10	133A8	2.6	2880	2450	2060	1850	2030	1730	1450	1310	
							129 B	38	6340	5400	4540	4070	4470	3810	3190	2890	
							121A8										
							118 B										
						14	140 A8	3.6	3500	2980	2500	2250	2450	2080	1750	1580	
							136 B	52	7710	6560	5510	4960	5400	4580	3850	3480	
							127A8										
							124 B										

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	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)														
		Free rolling							Drive Wheel							
		mm in	mm in						mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31
400/60-15.5	AG13		874	382.5	2610	14	145A8	3.6	4060	3450	2900	2610	2800	2380	2000	1800
		404	34.4	15.1	102.8		142B	52	8951	7606	6393	5754	6173	5247	4409	3968
		15.9	864	386.1	2600	16	148A8	4.4	4410	3750	3150	2840	3140	2670	2240	2020
			34	15.2	102.4		144B	64	9722	8267	6945	6261	6923	5886	4938	4453
400/60-15.5 C	13	404	874	375	2550	16	148A8	4.4	4970	4220	3550	3200	3500	2980	2500	2250
		15.9	34.4	14.8	100.4		136A8	64	10960	9300	7830	7060	7720	6570	5510	4960
400/60-15.5 Steel Belted	13.00DC						140A8	2.8	3500	2980	2500	2250	2380	2020	1700	1530
						–	136 B	41	7710	6560	5510	4960	5240	4450	3740	3370
							126A8									
						–	123 B									
							145A8	3.6	4060	3450	2900	2610	2800	2380	2000	1800
							142B	52	8940	7600	6390	5750	6170	5240	4410	3960
							132A8									
							128 B									
							129A8	1.6	2270	1930	1620	1458	1580	1340	1130	1017
							125B	23	4994	4246	3564	3208	3476	2948	2486	2237
							117A8	2	2590	2200	1850	1665	1800	1530	1285	1157
							113B	29	5698	4840	4070	3663	3960	3366	2827	2544
500/60-15.5 Steel Belted	16.00DC					20	152A8	5	4970	4220	3550	3195	3500	2980	2500	2250
							140A8	73	10960	9300	7830	7040	7720	6570	5510	4960
							152A8									
						12	149B	3.3	4970	4220	3550	3200	3430	2920	2450	2210
					139A8	48	10950	9300	7820	7050	7560	6430	5400	4870		
						136B										
500/55-17 Steel Belted	16.00DC						151A8									
						12	148B	3.3	4830	4110	3450	3110	3330	2830	2380	2140
							138A8	48	10640	9050	7600	6850	7330	6230	5240	4710
							135B									
400/55-17.5	11.75DC 13.00DC						133A8									
						8	128B	2	2880	2450	2060	1850	1960	1670	1400	1260
							120A8	29	6340	5400	4540	4070	4320	3680	3080	2780
							117B									
						12	140A8									
							136B	3	3710	3150	2650	2390	2590	2200	1850	1670
							127A8	44	8170	6940	5840	5260	5700	4850	4070	3680
							124B									
							149A8									
						16	145B	4	4550	3870	3250	2930	3140	2670	2240	2020
							136A8	58	10020	8520	7160	6450	6920	5880	4930	4450
							132B									
42x25.00-20 NHS	20.50VF						137A8									
						12	135 B	3.1	3290	2530	2310	2180	2340	1800	1640	1550
							125A8	45	7250	5570	5090	4800	5150	3960	3610	3410
							123 B									
44x18.00-20 NHS	W14L W14LH						134A8	2.1	3020	2320	2120	2000	2110	1620	1480	1400
						6	132B									
							122A8	30	6660	5120	4670	4410	4650	3570	3260	3090
							120B									
						8	147A8									
							145B	2.8	4390	3380	3080	2910	3080	2370	2160	2040
						135A8	41	9670	7440	6780	6410	6780	5220	4760	4490	
						133B										

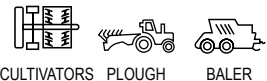
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)															
		Free rolling							Drive Wheel								
		mm in	mm in						mm in	mm in	10 6	25 16	40 25	50 31	10 6	25 16	40 25
48x25.00-20 NHS	20.50VF	635 25	1245 49	548 21.6	3620 142.5	10	146A8		2.4	4230	3250	2970	2800	2940	2260	2070	1950
							144 B										
							133A8										
						12	31 B		3.1	4910	3770	3450	3250	3470	2670	2440	2300
							151A8										
							149 B										
48x31.00-20 NHS	26.00VF	775 30.5	1245 49	550 21.7	3630 142.9	12	139A8		2.8	4760	3650	3340	3150	3380	2600	2370	240
							137 B										
							150A8										
						12	148 B		4.1	10480	8040	7360	6940	7440	5730	5220	4930
							138A8										
							136 B										

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Mixed Application														
		mm in	mm in				mm in	mm in	bar psi	Static	10 km/h	20 km/h	30 km/h	40 km/h	50 km/h	60 km/h
500/50R17	16.00X17	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

328 VALUE PLUS

FLOTATION

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	PR	Free/Drive Wheel	Infl.	Recommend load, kg (lbs)								
		press.	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
10.0/75-15.3	9	268	784	343	2260	12	126A8	⊗→	4.7	2380	—	—	1700	1530	—	—	—
		10.6	30.9	13.5	88.9		114A8	68	5236	—	—	3740	3366	—	—	—	
11.5/80-15.3	9	292	855	375	2456	10	131A8	⊗→	3.4	2730	2320	1950	1755	1900	1620	1360	1224
		11.5	33.7	14.8	96.6		119A8	49	6006	5104	4290	3861	4180	3564	2992	2693	
400/60-15.5	13.00DC	404	874	376.7	2569	16	148A8	⊗→	4.4	4410	3745	3150	2835	3135	2665	2240	2015
		15.9	34.4	14.8	98.8		136A8	⊗	63.8	9720	8255	6945	6250	6910	5875	4935	4440

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl.	Recommend load, kg (lbs)							
		press.	Speed, km/h (mph)													
			Free rolling					Drive Wheel								
			mm in					mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31
360/65-16	11.00	870	353	384.45	2578	16	142A8	4	2590	2330	1850	1665	3710	3150	2650	2390
		34.3	13.9	15.1	101.5		129A8	58	5710	5140	4080	3670	8180	6950	5840	5270
480/45-17	16.00	866	491	380.35	2562	14	146A8	2.8	2970	2670	2120	1908	4200	3570	3000	2700
		34.1	19.3	15	100.9		134A8	41	6550	5890	4670	4210	9260	7870	6610	5950

I-1 RIB IMPLEMENT

FLOTATION

I-1



Alliance I-1 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 enhances 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 Circumference	Load Index PR Symbols	Infl. press	Recommended Load
		SW	OD					Speed
		mm in	mm in					Free Rolling
11L-14SL	8KB	279	752	342	2236	8	2.5	1120
		11	29.6	13.5	88	112B	36	2470
9.5L-14SL	8	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	349	2280	8	2.5	1150
		11	30.6	13.7	89.8	113B	36	2540
11L-15SL	8LB	279	777	350	2288	12	3.6	1450
		10LB	11	30.6	90.1	121B	52	3200
12.5L-15SL	10	318	823	371	2249	8	2.5	1360
		12.5	32.4	14.6	88.5	119B	36	3000
12.5L-15SL	10	318	835	363	2437	10	3	1550
		12.5	32.9	14.3	95.9	123B	44	3420
12.5L-15SL	10	319	835	360	2425	12	3.6	1750
		12.6	32.9	14.2	95.5	127B	52	3860
12.5L-15SL	10LB	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	722	327	2136	6	3	730
		5KB	6.7	28.4	84.1	97B	44	1610
7.60-15SL	6LB	203	734	337	2240	8	3.6	950
		8	28.9	13.3	88.2	106B	52	2090
9.5L-15SL	8LB	249	768	352	2258	12	4.4	1450
		9.8	30.2	13.9	88.9	121B	64	3200
19L-16.1SL	16.1	482	1060	462	3020	12	2.5	3000
		19	41.7	18.2	118.9	146B	36	6610
21.5L-16.1SL	18	545	1139	494	3226	10	1.9	3000
		21.5	44.8	19.4	127	146B	28	6610
21.5L-16.1SL	18	545	1130	494	3226	14	2.5	3550
		21.5	44.5	19.4	127	152B	36	7830
21.5L-16.1SL	18	546	1138	493	3378	18	3	4000
		21.5	44.8	19.4	133	156B	44	8820
7.50-16SL	5.5	209	785	363	2370	8	3.3	1120
		8.2	30.9	14.3	93.3	112B	48	2470
9.00-16SL	6	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 Circumference	Load Index PR Symbols	Infl. press	Recommended Load
		SW	OD					Speed
		mm in	mm in					Recommended load
9.5L-15SL	8LB	249	768	351	2258	8	3	1120
		9.8	30.2	13.8	88.9	112B	44	2470

I-1 RIB IMPLEMENT (E)

FLOTATION



Alliance Rib Implement (E) is a low weight tire which 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 enhances 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 Circumference	Load Index PR Symbols	Infl. press bar	Recommended Load
		SW	OD				bar psi	Speed
		mm in	mm in					Free Rolling
9.5L-14SL	8KB	251	741	341	2256	8	3	1090
	7.0	9.9	29.2	13.4	88.8	111B	44	2400
11L-14SL	8KB	279	752	340	2288	8	2.5	1120
		11	29.6	13.4	90.1	112B	36	2470
11L-15SL	8LB	279	777	355	2363	12	3.6	1450
	10LB	11	30.6	14	93	121B	52	3200
11L-15SL (E)	8LB	279	777	353	2384	8	2.5	1150
		11	30.6	13.9	93.9	113B	36	2540
12.5L-15SL	10LB	318	823	364	2457	12	3.6	1750
		12.5	32.4	14.3	96.7	127B	52	3860
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
		9.8	30.2	13.9	95.7	112B	44	2470

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	PR Load Index Speed Symbol	Infl. press. Bar psi	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					Free rolling				
9.00-16	6.50H					18	7.6	3890	3040	2530	2360	2120
		260	926	425	2733	138A6	110	8580	6700	5580	5200	4670
		10.2	36.5	17	107.5	16	7.25	3795	2967	2461	2300	2070
						137A6	105	8367	6541	5426	5071	4564
10.00-20	7.5	278	1073	503	3260	16	7.95	-	-	-	-	3000
		10.9	42.2	19.8	128.3		115	-	-	-	-	6614

320 IMP



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	Rolling Circum	PR	Free/Drive Wheel		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	40 25	50 31													
10.0/75-15.3	9	264 10.4	760 29.9	340.2 13.4	2278 89.7	10	123A8		3.9 57	2170 4780	1840 4050	1550 3410	1400 3080	1530 3370	1300 2860	1090 2400	980 2160												
							119B																						
							111A8																						
							107B																						
				339.5 13.4	2281 89.8	12	126A8		4.7 68	2380 5240	2020 4450	1700 3740	1530 3370	1650 3630	1400 3080	1180 2600	1060 2330												
							122B																						
							114A8																						
							110B																						
				340.9 13.4	2244 88.3	14	130A8		5.5 80	2660 5860	2260 4980	1900 4190	1710 3770	1850 4070	1570 3460	1320 2910	1190 2620												
							114B																						
							118A8																						
							114B																						
11.5/80-15.3	9	290 11.4	845 33.3	342.45 13.5	2307 90.8	18	135A8		7.1 103	3050 6835	2595 5815	2180 4885	1960 4390	2100 4705	1785 4000	1500 3360	1350 3025												
							122A8																						
							131A8																						
							127B																						
				368.4 14.5	2477 97.5	10	119A8		3.4 49	2730 6010	2320 5110	1950 4300	1760 3880	1900 4190	1620 3570	1360 3000	1220 2690												
							115B																						
							371.7 14.6	2481 97.7										12	134A8		4.1 59	2970 6540	2520 5550	2120 4670	1910 4210	2100 4630	1790 3940	1500 3300	1350 2970
																			130B										
				122A8																									
				119B																									
11.5/80-15.3	9	290 11.4	845 33.3	372 14.6	2456 96.7	14 (Steel Belted)	139A8		4.75 69	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370												
							135B																						
							126A8																						
							123 B																						
				377.8 14.9	2517 99.1	16	142A8		5.5 80	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680												
							138B																						
							129A8																						
							125B																						
372.6 14.7	2544 100.2	18	144A8		6.25 91	3920 8640	3330 7340	2800 6170	2520 5555	2800 6170	2380 5245	2000 4410	1800 3965																
			132A8																										
			12.5-15.3	9										307 12.1	875 34.4	383.6 15.1	2601 102.4	14	142A8		4.3 62	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680
																			138B										
129A8																													
125B																													
391.25 15.4	2640 103.9	16			144A8		4.9 71	3920 8630	3330 7330	2800 6170	2520 5550	2730 6010	2320 5110			1950 4300	1760 3880												
					140B																								
							131A8																						
							127B																						

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)														
		Free rolling							Drive Wheel							
		SW mm in	OD mm in						mm in	mm in	10 6	25 16	40 25	50 31	10 6	25 16
500/55-15.5	16	503 19.8	944 37.2	410 16.1	2720 107.1	12	145A8									
							141B	2.4	3990	3390	2850	2570	2800	2380	2000	1800
							132A8	35	8790	7470	6280	5660	6170	5240	4410	3960
							128B									
13.0/75-16	11	336 13.2	900 35.4	404 15.9	2648 104.3	10	135A8									
							131B	3	3050	2590	2180	1960	2100	1790	1500	1350
							122A8	44	6720	5700	4800	4320	4630	3940	3300	2970
							119B									
500/50-17 Available as D tire (65 km/h)	16	500 19.7	940 37	415 16.3	2736 107.7	10	143A8									
							139B	2	3820	3240	2725	2450	2660	2260	1900	1710
							130A8	29	8410	7140	6000	5400	5860	4980	4190	3770
							126B									
						14	149A8									
							145B	2.75	4550	3870	3250	2930	3220	2740	2300	2070
							137A8	40	10020	8520	7160	6450	7090	6040	5070	4560
							133B									
						16	152A8									
							149B	3.25	5020	4270	3585	3230	3500	2980	2500	2250
							140A8	47	11060	9410	7900	7110	7710	6560	5510	4960
							136B									
10.5/80-18	W9 X 18	274 10.8	885 34.8	391.54 15.4	2587 101.9	10	131A8									
							127B	3.7	2730	2320	1950	1760	1900	1620	1360	1220
							119A8	54	6010	5110	4300	3880	4190	3570	3000	2690
							115B									
12.5/80-18	9	308 12.1	965 38	428 16.9	2841 111.9	12	142A8									
							138B	3.7	3710	3150	2650	2390	2590	2200	1850	1670
							129A8	54	8170	6940	5840	5260	5700	4850	4070	3680
							125B									
				16	148A8											
					144B	4.9	4410	3750	3150	2840	3050	2590	2180	1960		
					135A8	71	9710	8260	6940	6260	6720	5700	4800	4320		
					131B											
13.0/65-18	11	336 13.2	890 35	398 15.7	2611 102.8	12	138A8									
							134B	3.6	3300	2810	2360	2120	2310	1960	1650	1490
							125A8	52	7270	6190	5200	4670	5090	4320	3630	3280
							121B									
				16	144A8											
					140B	4.9	3920	3330	2800	2520	2730	2320	1950	1760		
					131A8	71	8630	7330	6170	5550	6010	5110	4300	3880		
					127B											
15.0/70-18	13	391 15.4	990 39	446.5 17.6	3037 119.6	12	145A8									
							141B	3.1	4060	3450	2900	2610	2880	2450	2060	1850
							133A8	45	8940	7600	6390	5750	6340	5400	4540	4070
							129B									
				16	151A8											
					147B	4.25	4830	4110	3450	3110	3400	2890	2430	2190		
					139A8	62	10640	9050	7600	6850	7490	6370	5350	4820		
					135B											
16.0/70-20	14	418 16.5	1075 42.3	478 18.8	3196 125.8	12	151A8									
							147B	3	4830	4110	3450	3110	3400	2890	2430	2190
							139A8	44	10640	9050	7600	6850	7490	6370	5350	4820
							135B									
				14	154A8											
					150B	3.5	5250	4460	3750	3380	3710	3150	2650	2390		
					142A8	51	11560	9820	8260	7440	8170	6940	5840	5260		
					138B											

SIZE	P.R. & LI	TYPE	RIM	O.D. mm	S.W. mm	Rolling Circumference mm	Loaded Static Radius mm	Speed km
14.5/75-20	12 148A8 144B 135A8 131B	TL	12	1060 41.7	372 14.6	3118	476	0

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								mm in	mm in	mm in	mm in	10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22
500/50-17	16.00	500	940	402.82	2746	16	3.25	4500	4330	4130	3950	3780	3600	3400	3030	2680	2500
		19.7	37	15.9	108.1	140D	47	9910	9540	9100	8700	8330	7930	7490	6670	5907	5510

320 VALUE PLUS

IMP

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 Width (inch)	Unloaded Dimension		Loaded Static Radius	Rolling Circumference	PR LOAD INDEX / SPEED SYMBOL	Inflated Pressure (Bar)	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Free rolling				
								Static -	10 6	25 16	30 18	40 25
7.00-12 (3 rib)	4.25	185	667	295	1944	6	2.5	1280	1000	830	775	700
		7.3	26.3	11.6	76.5	99A6	36	2816	2200	1826	1705	1540
10.0/80-12 (3 rib)	9.00	264	710	309	2090	10	3.9	2640	2060	1710	1600	1440
		10.4	28	12.2	82.2	124A6	57	5808	4532	3762	3520	3168
10.0/75-15.3 (3 rib)	9	264	760	339.3	2281	10	3.9	2558	2000	1659	1550	1395
				13.4	89.8	129A6 / 125A8	57	5639	4409	3657	3417	3075
				345.3	2345	14	5.5	3135	2450	2033	1900	1710
				13.6	92.3	136A6/132A8	80	6911	5401	4482	4189	3770
11.5/80-15.3 (3 rib)	9	290	845	376	2470	10	3.4	3800	2970	2460	2300	2070
				14.9	97.2	137A6/ 133A8	49	8380	6550	5420	5070	4560
				364.8	2540	14	4.75	4010	3130	2600	2430	2187
				14.4	100	145A6 / 141A8	69	8841	6900	5732	5357	4822
12.5/80-15.3 (3 rib)	9	307	875	371.15	2565	14	4.3	5245	4105	3390	3150	2800
		12.1	34.4	14.6	101.0	148A6 144A8	62	11563	9050	7474	6944	6173
400/60-15.5 (3 rib)	13DC	404	874	376.7	2569	16						
						152A6	5.5	5940	4650	3840	3550	3150
						148A8	79	13095	10251	8466	7826	6944
						20	5	6600	5160	4280	4000	3600
6.00-16 (3 rib)	4.00E	169	712	330	2160	6	2.8	1280	1000	830	775	700
		6.7	28	13	85	99A6	40	2816	2200	1826	1705	1540
10.5/65-16 (3 rib)	W9	274	755	346	2335	14	5.6	3500	2730	2270	2120	1910
		10.8	29.7	13.6	91.9	134A6	81	7700	6006	4994	4664	4202
10.5/65-16	9	274	755	334	2266	10	3.8	2888	2260	1873	1750	1575
		10.8	29.7	13.2	89.2	127A6	55	6370	4980	4130	3860	3470
13.0/55-16 (3 rib)	11	336	770	345	2350	14	4.2	3800	2970	2460	2300	2070
		13.2	30.3	13.6	92.5	137A6	61	8360	6534	5412	5060	4554
15.0/55-17 (5 rib)	13.00	391	850	372.1	2489	10	2.6	3890	3040	2530	2360	2124
				14.6	98.0	138A6	38	8558	6688	5566	5192	4680
				384.5	2591	14	3.7	4250	3320	2760	2575	2320
				15.1	102.0	141A6	54	9350	7304	6072	5665	5104
19.0/45-17 (7 rib)	16	472	866	383.8	2578	14	2.8	5200	4060	3370	3150	2835
		18.6	34.1	15.1	101.4	148A6 144A8	41	11460	8950	7430	6950	6250
500/50-17 (5 rib)	16	500	932	424.3	2760	14	2.8	6020	—	3910	3650	3290
		19.7	36.7	16.7	108.6	153A6	41	13244	—	8602	8030	7238
10.5/80-18 (3 rib)	W9	274	885	390	2620	10	3.7	3600	2810	2330	2180	1960
		10.8	34.8	15.4	103.1	135A6	54	7920	6182	5126	4796	4312

Size	Rim Width (inch)	Unloaded Dimension		Loaded Static Radius	Rolling Circumference	PR LOAD INDEX / SPEED SYMBOL	Inflated Pressure (Bar)	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Free rolling				
								Static -	10 6	25 16	30 18	40 25
12.5/80-18 (3 rib)	W9	308 12.1	965 38	424.7 16.7	2871 113.0	12	3.7	4790	3740	3100	2900	2610
						145A6	54	10538	8228	6820	6380	5742
						142A8						
						16	4.9	5860	4580	3800	3550	3200
						152A6	71	12892	10076	8360	7810	7040
						148A8						
						18	5.5	6190	4840	4010	3750	3380
						154A6	80	13650	10670	8840	8270	7450
13.0/65-18 (3rib)	11	336 13.2	890 35	400 15.7	2745 108.1	16	4.9	5200	4060	3370	3150	2840
						148A6						
						144A8	71	11460	8950	7430	6950	6260
15.0/70-18 (5 rib)	W13 13.00	391 15.4	990 39	420.9 16.6	2992 117.8	16	4.25	5693	4451	3692	3450	3105
						151A6	62	12551	9813	8139	7606	6845
						148A8						
16.0/70-20 (5 rib)	13.00	418 16.5	1075 42.3	458.5 18.1	3158 124.3	12	3	6390	5000	4150	3875	3490
						155A6	44	14058	11000	9130	8525	7678

327 FarmPRO IMP

I-2

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	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)															
		SW	OD				Free rolling				Drive Wheel						
		mm in	mm in				mm in	mm in	Load index	speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16
400/60-15.5	13	405 15.9	874 34.4	375 14.8	2498 98.3	14	145A8		3.6 52	4060 8940	3450 7600	2900 6390	2610 5750	2800 6170	2380 5240	2000 4410	1800 3960
							141B										
							132A8										
14.0/65-16 360/65-16	11	357 14.1	874 34.4	369.6 14.6	2515 99.0	-	128B		4.0 58	4690 10340	3990 8796	3350 7385	3015 6647	3305 7286	2810 6195	2360 5203	2125 4685
							150A8										
							138A8										
340/55-16	11	340 13.4	780 30.7	365 14.4	2354 92.7	12	133A8		3.4 49	2880 6340	2450 5400	2060 4540	1850 4070	2030 4470	1730 3810	1450 3190	1310 2890
							129B										
							121A8										
19.0/45-17 (480/45-17)	16	480 18.9	865 34.1	400 15.7	2592 102	10	118B		2.25 33	3500 7710	2980 6560	2500 5510	2250 4960	2450 5400	2080 4580	1750 3850	1580 3480
							140A8										
							136B										
							127A8										
						14	123B		2.8 41	4200 9250	3570 7860	3000 6610	2700 5950	2970 6540	2520 5550	2120 4670	1910 4210
							146A8										
							142B										
							134A8										
18	130B		3.3 48	4550 10030	3865 8520	3250 7165	2920 6435	3135 6910	2665 5875	2240 4935	2000 4410						
	149A8																
136A8																	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	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	40 25	50 31
500/50-17	16	500 19.7	960 37.8	435 17.1	2840 111.8	10	143A8											
							139B		2	3820	3240	2725	2450	2660	2260	1900		
							130A8		29	8410	7140	6000	5400	5860	4980	4190		
							126B									3770		
						14	149A8											
							145B		2.75	4550	3870	3250	2930	3140	2670	2240	2020	
							136A8		40	10020	8520	7160	6450	6920	5880	4930	4450	
							132B											
						18	154A8											
							150B		3.5	5250	4460	3750	3375	3605	3065	2575	2320	
							141A8		51	11575	9835	8265	7440	7945	6760	5675	5115	
							137B											
15.0/55-17 (380/55-17)	13	391 15.4	850 33.5	384 15.1	2516 99.1	12	138A8		2.8	3300	2805	2360	2125	2310	1965	1650	1485	
							125A8		40.6	7285	6190	5200	4685	5090	5330	3635	3275	
12.5/80-18 320/80-18	10	320 12.6	970 38.2	434 17.1	2860 112.6	12	142A8		3.7	3710	3150	2650	2380	2950	2200	1850	1670	
							129A8		54	8180	6945	5840	5245	5710	4850	4075	3680	
16.0/70-20 400/70-20	13	408 16.1	1075 42.3	476 18.7	3112 122.5	12	151A8		3	4830	4105	3450	3105	3400	2890	2430	2185	
							139A8		43.5	10645	9050	7605	6845	7495	6370	5355	4815	
500/55-20	16	503 19.8	1058 41.7	464 18.3		10	150A8											
							146B		2.4	4690	3990	3350	3020	3300	2810	2360		
							138A8		35	10330	8790	7380	6650	7270	6190	5200		
							134B									2120		
						12	155A8											
							151B		3.25	5430	4610	3875	3490	3820	3240	2725	2450	
							143A8		47	11960	10150	8540	7690	8410	7140	6000		
							139B											

223 I-1



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	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
				Free rolling				Drive Wheel									
				mm in	mm in		mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25
9.00-13	5.50F	236 9.3	780 30.7	354 13.9	2310 90.9	8	119A8		2.4 35	1900 4190	1620 3570	1360 3000	1220 2690	1330 2930	1130 2490	950 2090	860 1890
							115 B										
							106A8										
							102 B										
						12	123A8		3.1 45	2170 4780	1840 4050	1550 3410	1400 3080	1530 3370	1300 2860	1090 2400	980 2160
							120 B										
							111A8										
							107 B										

543 I-1



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		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in					mm in
9.5L-15FI	8LB	246	766	349	2283	Load Range D	4.14	1216
		9.7	30.2	13.7	89.9		60	2681
11L-15FI	8LB	264	785	352	2301	Load Range D	4.13	1397
		10.4	30.9	13.9	90.6		60	3080
		Load Range F	6.2	1796.2				
			90	3960				
12.5L-15FI	8LB	318	820	366	2392	Load Range D	4.13	1696.4
		12.5	32.3	14.4	94.2		60	3740
12.5L-15FI	10LB	318	823	375.7	2457	Load Range F	6.2	2120
		12.5	32.4	14.8	96.7		90	4670

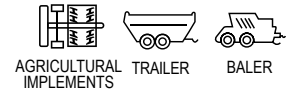
Alliance 222 Agricultural Implement tire is a multi-rib, low-section design. Its extra wide tread and high volume enables carrying of heavy loads with low inflation pressures. It is highly suitable for on and off-the-road service. For best performances on soft and dry sand, the tire can also be mounted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



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	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	40 25
11L-15	W8L 8LB 10LB	279 11	777 30.6	339 13.3	2245 88.4	10	116A8	↻	3 44	1750 3850	1490 3280	1250 2750	1130 2490	1230 2710	1040 2290	875 1930	790 1740
							112 B										
							103A8	↻									
							100 B										
16.5L-16.1SL	14LB W14C	419 16.5	1024 40.3	457.4 18	2972 117.0	10	138A8	↻	2.4 35	3300 7270	2810 6190	2360 5200	2120 4670	2310 5090	1960 4320	1650 3630	1490 3280
							134 B										
							125A8	↻									
							122 B										
15.0/55-17	13	391 15.4	850 33.5	373 14.7	2465 97	18	150A8	↻	6 87	4620 10180	3930 8660	3300 7270	2970 6540	3280 7220	2780 6120	2340 5150	2110 4650
							146 B										
							138A8	↻									
							134 B										
19.0/45-17	16	480 18.9	850 33.5	375 14.8	2470 97.2	10	138A8	↻	2.25 33	3300 7270	2810 6190	2360 5200	2120 4670	2310 5090	1960 4320	1650 3630	1490 3280
							134B										
							125A8	↻									
						14	122B										
							143A8	↻									
							139 B										
49-17	13# 12#	400 15.7	1184 46.6	542 21.3	3638 143.2	20	158A8	↻	4 58	5950 13090	5060 11132	4250 9350	3830 8426	4200 9240	3570 7854	3000 6600	2700 5940
							146A8	↻									
							169A8	↻									
							165 B										
20.00-20	16 20SDC	498 19.6	1400 55.1	598 23.5	3991 157.1	20	156A8	↻	3.9 57	8120 17890	6900 15200	5800 12780	5220 11500	5600 12330	4760 10480	4000 8810	3600 7930
							153 B										
							166A8	↻									
							154A8	↻									
21.0/80-20	16SDC	525 20.7	1384 54.5	573.5 22.6	4080 160.6	12	153B		2.2 32	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440

#Important: Nonstandard Flat Base Rim for Commercial vehicle: Rim Diameter 20"

542 I-1



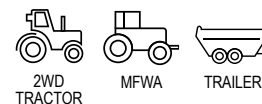
Alliance 542 is designed for free-rolling wheels used in harvesting machines, hay balers, bale racks, seeders, windrowers, and fertilizer/manure spreaders. It allows easy steering of machinery/equipment due to its enhanced grooved ribs.



542 (7 Ribs)

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	Infl. press.	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in				bar psi	48 30
9.5L-14SL	7.0	241	748	342	2234	8	3.03	1088.6
		9.5	29.4	13.5	88		44	2400
11L-14SL	14x8KB	280	754	342	2236	8	2.48	1120
		11	29.7	13.5	88		36	2470
6.70-15SL	4J	170	722	327	2136	6	3.033	839
		6.7	28.4	12.9	84.1		44	1850
7.60-15SL	7J	208	737	333	2175	8	3.585	1100
		8.2	29	13.1	85.6		52	2405
		249	768	352	2267		3.03	1120
9.5L-15SL	8LB					12	44	2470
		9.8	30.2	13.9	89.3		4.4	1450
							64	3200
11L-15SL	8LB	266	780	350	2288	8	2.482	1152
							36	2540
		10.5	30.7	13.8	90.1	12	3.58	1450
							52	3200
12.5L-15SL	10LB					8	2.5	1361
							36	3000
		319	835	372	2431	10	3	1552
							44	3420
						12	3.03	1551
							44	3420
7.50-16SL	5.5F					14	4.25	1800
							62	3970
		217	788	363	2370	8	3.3	1060
							48	2340
9.00-16SL	6LB	8.5	31	14.3	93.3	10	4.1	1215
							60	2680
		264	856	390	2547	10	3.6	1500
11.00-16SL	8.0	10.4	33.7	15.4	100.3		52	3300
		315	949	420	2746	12	3.45	2240.7
19L-16.1SL	W16C	12.4	37.4	16.5	108.1		50	4940
		480	1060	462	3020	12	2.5	2993.5
21.5L-16.1SL	W18	18.9	41.7	18.2	118.9		36	6600
						10	1.9	2993.5
		545	1139	494	3277		28	6600
						14	2.5	3550
							36	7826
		21.5	44.8	19.4	129	18	3	4000
						156B	44	8800

AS 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	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)																		
								Speed, km/h (mph)																		
		SW	OD					Free Rolling				Cyclic Applications														
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31										
10.0/75-15.3	9	264	780	361.5	2293	10	3.9	—	2170	1845	1550	1395	1525	1300	1090	980										
		10.4	30.7	14.2	90.3	123A8											56	—	4785	4065	3415	3075	3360	2865	2400	2160
						111A8																				
11.5/80-15.3	9	290	867	389	2574	12	4.1	—	3050	2595	2180	1960	2170	1845	1550	1395										
						135A8											60	—	6725	5720	4805	4320	4785	4065	3415	3075
						123A8											6.1	-	3820	3240	2725	2450	2660	2260	1900	1710
						143A8											88	-	8420	7140	6010	5400	5860	4980	4190	3770
						130A8																				
7.50-16	5.5	209	805	362	2367	8	3.25	—	1570	1335	1120	1010	1085	925	775	700										
		8.2	31.7	14.3	93.2	112A8											47	—	3460	2940	2470	2225	2390	2040	1705	1540
						99A8																				
405/70-20	13	407	1076	493	3263	14	3.5	—	5200		3575	3250	-	-	-	-										
						149B											51	—	11460		7880	7170	-	-	-	-

392

I-2

C+C

AS

FLOTATION

CUT & CHIP RESISTANT COMPOUND

ALL STEEL



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 Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					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	60 37	65 40
24R20.5 MPT	18	600	1372	619.5	4210	176F	6	17750	12780	9590	8880	8170	7950	7810	7630	7460	7100
		23.6	54	24.4	165.7	87	39130	28180	21140	19580	18010	17530	17220	16820	16450	15650	

312

I-3

WRC

FLOTATION

WEAR
RESISTANT
COMPOUND

TRAILER

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	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
									Speed, km/h (mph)							
									Mixed application							
		SW mm in	OD mm in						10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
26x12.00-12 NHS	10.5					4	94A8	2.1	980	880	840	790	750	720	680	650
		289	665	299.45	1976		93B	30	2160	1940	1850	1740	1650	1590	1500	1430
		11.4	26.2	11.8	77.8	6	103A8	2.1	1240	1120	1060	1010	950	910	870	825
							101B	30	2730	2470	2330	2220	2090	2000	1920	1820

332

HF-3

SC

FLOTATION

SPECIAL
COMPOUND

TRAILER

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	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)														
		Mixed application														
		SW mm in	OD mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
31x15.50-15 NHS Normalized tire dimensions	13LB	391 15.4	792 31.2	353 13.9	2319 91.3	4	100 A8	1.4	1160	1050	1000	950	890	850	810	775
							99 B	20	2560	2310	2200	2090	1960	1870	1780	1710
						6	109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975
							107 B	30	3220	2930	2780	2620	2470	2360	2250	2150
						8	118A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250
							116 B	45	4140	3740	3550	3370	3170	3040	2890	2750
						10	127A8	4.2	2480	2240	2130	2010	1900	1820	1730	1650
							125B	61	5460	4930	4690	4430	4190	4010	3810	3630

312 PLUS

HF-1

SC

SPECIAL
COMPOUND

TRENCHER

The Alliance 312 Plus comes with a superior sidewall and rim shield protection and works well on trenchers and many other types of machinery. Its open deep shoulders provide good traction both on road and off road and excellent self-cleaning even in the most severe operations.



SIZE	PR	TYPE	RIM	O.D.	S.W.	Rolling Circumference	Loaded Static Radius	Recommend- ed Load	Inflation Pressure	Speed
				mm in	mm in	mm in	mm in	kg lbs	bar psi	km/h mph
29X12.50-15NHS	8	TL	10LB	750	318	2213	350	975	2.75	50
				29.5	12.5	87.1	13.8	2150	40	31

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 Symbols	Infl. press.	Recommend load, kg (lbs)			
								Speed, km/h (kmph/mph)			
								Free rolling			
		mm in	mm in	mm in	mm in		bar psi	10 6	25 16	40 25	50 31
20.5X8.0-10	6JA	203	518		1520	10	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	3.7	1740	1480	1240	1120
		8.5	27	12.6	81.6		54	3840	3260	2730	2470
11L-15SL	8LB	279	777	350.5	2322	12	3.6	2250	1910	1610	1450
		11.0	30.6	13.8	91.4	121B	52	4960	4210	3550	3200
12.5L-15SL	10LB	318	823	373	2457	12	3.6	2710	2310	1940	1750
		12.5	32.4	14.7	96.7	127B	52	5980	5090	4280	3860
9.5L -15SL	8LB	251	767	354	2316	12	4.4	2250	1910	1610	1450
		9.9	30.2	13.9	91.2	121B	64	4960	4210	3550	3200

AGRIFLEX+ 881

I-2

SG

AS

STUBBLE
GUARD

ALL
STEEL



Agriflex+ 881 is the latest addition to Alliance's engineered series of Agriflex tires. Specially designed to provide higher load carrying capacities for Planters, balers, trailers and agricultural implements. It can carry upto 40% more load at the same amount of pressure while ensuring minimum soil compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (kmph/mph)							
								mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12
VF265/70R19.5#	8.25	262	867	382.7	2605	148D	5.6	7250	3470	3280	3210	3150	3150	3150	3150
		10.3	34.1	15.1	102.6		81	15983	7650	7231	7077	6945	6945	6945	6945
VF285/70R19.5#	8.25	285	889	393.7	2684	150D	5.2	7710	3690	3480	3420	3350	3350	3350	3350
		11.2	35	15.5	105.7		75	16998	8135	7672	7540	7385	7385	7385	7385
VF245/70R19.5*						145D	-----UNDER DEVELOPMENT-----								

Limited Release

331 FLOTATION

FLOTATION

I-3



MFWA



TRAILER



SPRAYER



RIGID
DUMP-TRUCK



ARTICULATED
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 Symbols	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in	mm in	mm in		Drive Wheel				Free rolling				
							10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
38X18.00-20	W14L W14LH	456	991	438	2890	12PR	3.7 54	1890	1450	1330	1250	2640	2030	1860	1750
		18	39	17.2	113.8	129A8		4170	3200	2930	2760	5820	4480	4100	3860
						127B									
						118A8									
						116B									
42X25.00-20	20.50VF					10PR	2.4	1990	1530	1400	1320	2870	2200	2010	1900
						132A8 130B	35	4390	3370	3090	2910	6330	4850	4430	4190
		622	1080	480	3160	120A8 118B									
		24.5	42.5	18.9	124.4	12PR	3.1	2340	1800	1640	1550	3290	2530	2310	2180
						137A8 135B	45	5160	3970	3620	3420	7250	5580	5090	4810
48X25.00-20	20.50VF					125A8 123B									
						10PR	2.4	2940	2260	2070	1950	4230	3250	2970	2800
						146A8 144B	35	6480	4980	4560	4300	9330	7170	6550	6170
		635	1245	548	3620	133A8 131B									
		25	49	21.6	142.5	12PR	3.1	3470	2670	2440	2300	4910	3770	3450	3250
48X31.00-20	26.00VF					151A8 149B	45	7650	5890	5380	5070	10830	8310	7610	7170
						139A8 137B									
						10PR	2.1	2790	2150	1960	1850	4000	3070	2810	2650
						144A8 142B	30	6150	4740	4320	4080	8820	6770	6200	5840
		775	1245	550	3630	131A8 129B									
500/45-20	16.00DC					12PR	2.8	3380	2600	2370	2240	4760	3650	3340	3150
						150A8 148B	41	7450	5730	5230	4940	10490	8050	7360	6950
						138A8 136B									
						8	1.9	2380	2020	1700	1530	3400	2890	2430	2190
						139A8 135B	28	5250	4450	3750	3370	7500	6370	5360	4830
						126A8 123B									
						12	2.8	2970	2520	2120	1910	4310	3660	3075	2770
						147A8 144B	41	6550	5560	4670	4210	9500	8070	6780	6110
						134A8 130B									
						16	3.8	4310	3660	3075	2770	6130	5210	4375	3940
						159A8 156B	55	9500	8070	6780	6110	13510	11490	9650	8690
						147A8 144B									

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 Speed Symbol	Infi press	Recommend load, kg (lbs)						
		SW	OD					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
340/60R15	10LB	335	790	350	2357	118D	2.8	2375	2180	1990	2110	1600	1320	1770
		13.2	31.1	13.8	92.8	124B	41	5240	4810	4390	4650	3530	2910	3900

381 RADIAL IMPLEMENT

FLOTATION

I-2

SB

STEEL BELTED



Alliance 381 Radial Implement 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 Speed Symbol	Infl. Press	Recommend load, kg (lbs)											
		Speed, km/h (mph)																	
		Mixed Application																	
		Free rolling						Drive Wheel											
		SW	OD					10 6	25 16	40 25	50 31	65 40	70 44	10 6	25 16	40 25	50 31	65 40	70 44
		mm / in	mm / in	mm / in	mm / in		bar psi												
280/70R15	W8	280	775	350	2305	137D (F.R)	5	4140	3635	3125	2785	2300	2095	2970	2605	2245	1995	1650	1500
		11	30.5	13.8	90.7	125D (D.W)	73	9125	8015	6890	6140	5070	4620	6545	5740	4950	4400	3635	3305
340/60R16.5	9.75					147D (F.R)	5.5	5535	4860	4180	3720	3075	2800	3925	3445	2965	2630	2180	1985
		335	825	375	2455	135D (D.W)	80	12200	10715	9215	8200	6780	6170	8655	7595	6535	5800	4805	4375
		13.2	32.5	14.8	96.7	145A8 (F.R)	5	4060	—	2900	2610	—	—	2880	—	2060	1854	—	—
						133A8 (D.W)	73	8932	—	6380	5742	—	—	6336	—	4532	4079	—	—
380/55R16.5	12	380	834	371	2426	148A8 (F.R)	5	4410	—	3150	2835	—	—	3140	—	2240	2016	—	—
		15	32.8	14.6	95.5	136A8 (D.W)	73	9702	—	6930	6237	—	—	6908	—	4928	4435	—	—

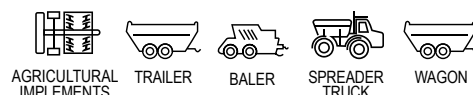
AGRIFLEX 381

FLOTATION

I-2

SB

STEEL BELTED



Alliance 381 Agriflex is an IFsteel 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. It's specially designed bead area ensures better load carrying capacity.



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													
		SW mm in	OD mm in				mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
IF240/80R15	8LB	245	765	346	2319	125D	3.6	3800	2970	2610	2490	2240	2000	1770	1650
		9.6	30.1	13.6	91.3		52	8380	6550	5750	5490	4940	4410	3900	3640
IF265/85R15	8LB	274	832	371	2510	129D	3.24	4260	3330	2920	2790	2520	2240	1980	1850
		10.8	32.8	14.6	98.8		47	9390	7340	6440	6150	5560	4940	4370	4080
IF280/70R15	10LB	278	770	345	2322		4.8	5290	4140	3630	3470	3130	2780	2460	2300
		10.9	30.3	13.6	91.4	137D	58	11650	9120	8000	7640	6890	6120	5420	5070

Size	Rim	Unloaded dimension		Load- ed static radius	RC	LI	Infi press	Recommend load, kg (lbs)													
								Speed, km/h (mph)													
		SW	OD					Static	10	15	20	25	30	35	40	45	50	55	60	65	70
		mm in	mm in					mm in	mm in	Bar psi		6	9	12	16	19	22	25	28	31	34
VF340/60R16.5	9.75	335	825	358	2461		4	6670	5220	5017	4785	4582	4379	4176	3944	3741	3509	3306	3103	2900	2639
		13.2	32.5	14.1	96.9		58	14710	11510	11060	10550	10100	9650	9210	8700	8250	7740	7290	6840	6390	5820

AGRIFLEX+ 381

FLOTATION

I-2

SB

STEEL
BELTED



TRAILER



TANKER



WAGON



BALER



PLANTER

Alliance 381 Agriflex + is a VFSteel 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 lowest possible ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. It's specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
								Mixed application							
		SW mm in	OD mm in				Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
VF340/60R16.5	9.75	335	825	356	2461	145D	5	6670	5220	4580	4380	3940	3510	3100	2900
		13.2	32.5	14	96.9		73	14710	11510	10100	9660	8690	7740	6830	6390
VF380/55R16.5	12	380	834	371.7	2527	148D	5	6615	5513	4851	4631	4190	8265	3339	3150
	SDC12	15	32.8	14.6	99.5		73	14584	12154	10695	10210	9237	8265	7361	6945
VF320/70R15	10LB	320	829	375	2481	145D	5	6670	5220	4580	4380	3940	3510	3100	2900
		13.2	32.5	14	96.9		73	14710	11510	10100	9660	8690	7740	6830	6390

442

HF-1

SG

STUBBLE
GUARD



TRAILER

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	Rolling Circum	Load Index PR Symbols	Infl. Press	Recommend load				
								Speed				
								Free Rolling				
		SW mm / in	OD mm / in				bar psi	Static kmph	10 kmph	15 kmph	30 kmph	50 kmph
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{fr}	90	10520	6260	5250	4450	3970

AGRI - LOADER

344 LS-2



Alliance 344 represents the most sophisticated steel belted tire design for application on Loaders. Its high, wide and robust lugs at low angle provide excellent grip for working on a wide range of severe terrains or when high traction forces are necessary for hard operations. Strong lugs enable efficient work, while large contact area efficiently protects the soil against excessive compaction. Strong steel breakers reinforce basic textile tire structure providing efficient puncture protection. Special durable tread compound, together with high under tread gauge and strong & thick sidewalls enable long secure work in all uses.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		Constant load						Cyclic Applications									
		mm in	mm in					mm in	mm in	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25
750/55R26.5 STEEL BELTED	AG24.00	740	1485	672	4532	177A8	4.5	16790	9130	8250	7960	7740	7590	7450	7300	12190	10950
		29.1	58.5	26.5	178.4		65	36980	20110	18170	17530	17050	16720	16410	16080	26850	24120

370 R-1W



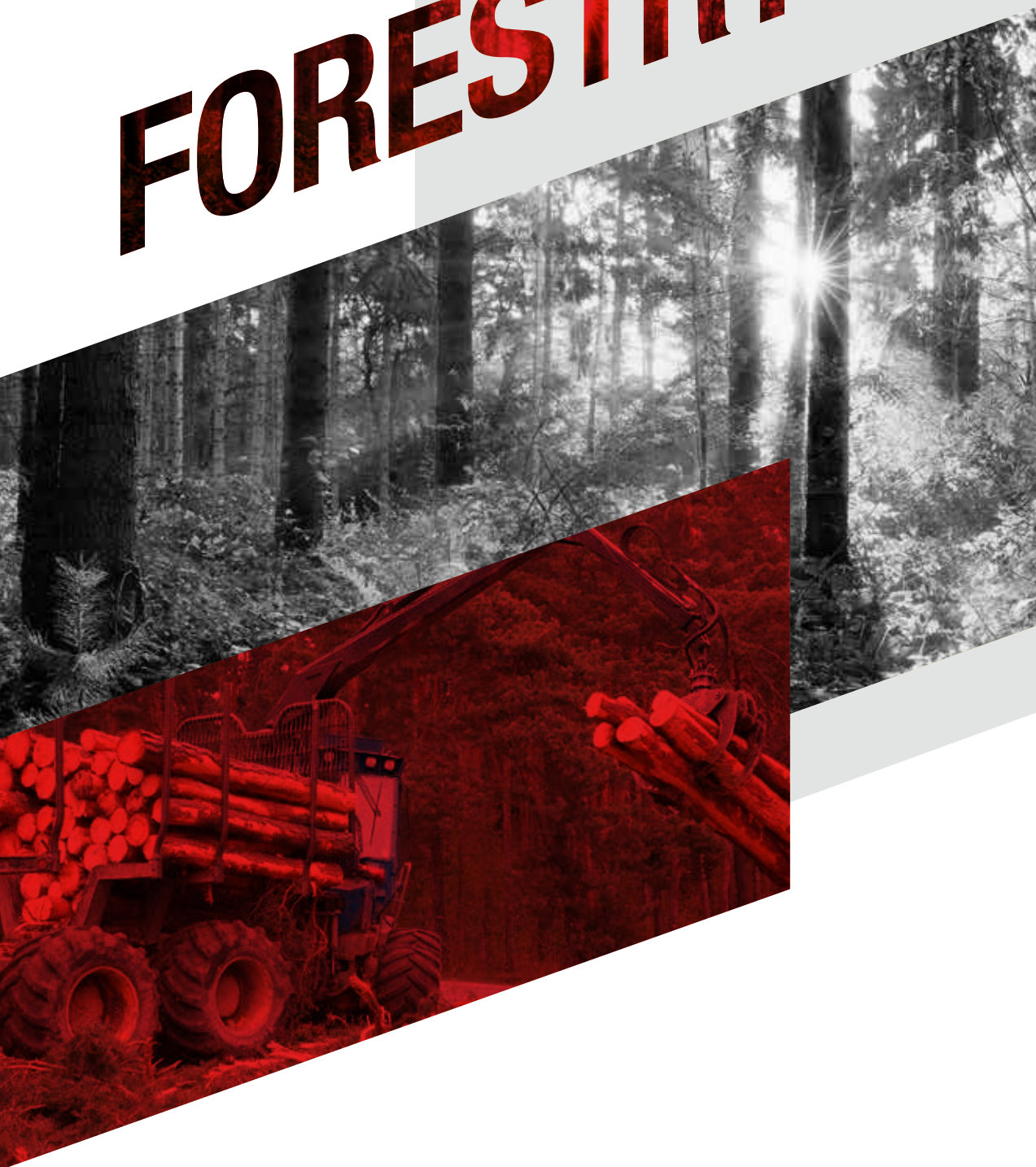
Alliance 370 wide base radial tires are developed for loaders and for field and hauling applications. The tire provides higher load capacity (about 10% more) at the same inflation pressure compared with the standard. The special R-1W traction tread pattern with radial nylon casing, rigid belts, mudguard and unique shoulder design ensure excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizes soil compaction and increases flotation abilities.



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	Not high and sustained torque; Road transport						Field operation						
										Low Torque		High Torque				
		mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6		
620/70R26	DW20B	625	1500	662	4388	177A8	4	16790	10950	8100	7810	7300	7300	10220	8760	7810
	W18L	24.6	59.1	26.1	172.8		58	36938	24090	17820	17182	16060	16060	22484	19272	17182

NOTES

FORESTRY



A black and white photograph of a log skidder in a forest, overlaid with a red tint and black geometric shapes. The skidder is positioned in the center-left, with its large rear tire and front grapple visible. The background is a dense forest of evergreen trees. The foreground is covered in a thick layer of red mulch or wood chips. Two large black diagonal shapes are placed over the image: one on the left side and another on the top right. The text 'LOG SKIDDER' is written in large, white, bold, sans-serif capital letters, slanted upwards from left to right, positioned over the lower part of the skidder and the foreground.

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	PR Load Index Speed Symbol	Infl. press.	Constant load application								
								Speed, km/h (mph)								
		Recommended load, kg (lbs)									cable/grapple skidders					
		logging or forestry service														
		SW mm in	OD mm in				mm in	mm in	Static	15 9	25 16	30 19	40 25	50 31	bar psi	10 6
18.4-26	DW16A	467 18.4	1445 56.9	663 26.1	4310 169.7	14										
						148A6	2.5	8510	3780	3470	3150	2840	-	2.9	4410	
						159A2	36	18740	8330	7640	6940	6260	-	42	9710	
						16	2.75	9590	4260	3910	3550	3195	-	-	-	
						152A6	40	21140	9390	8620	7830	7040	-	-	-	
23.1-26	DW20	587 23.1	1610 63.4	750 29.5	4862 191.4	14										
						157A6	2.1	11140	4950	4540	4125	3710	-	2.4	5780	
						169A2	30	24540	10900	10000	9090	8170	-	35	12730	
						16	2.4	12150	5400	4950	4500	4050	-	2.75	6240	
						160A6	35	26790	11910	10910	9920	8930	-	40	13760	
28L-26	DW25B	715 28.1	1638 64.5	746 29.4	4861 191.4	16										
						160A6	1.9	12260	5450	4990	4540	4090	-	2.3	6360	
						172A2	28	27000	12000	10990	10000	9010	-	33	14010	
						20	2.4	13910	6180	5670	5150	4640	-	2.8	7210	
						165A6	35	30640	13610	12490	11340	10220	-	41	15880	
16.9-30	DW15A	429 16.9	1504 59.2	696 27.4	4508 177.5	26										
						173A6	3.6	17550	7800	7150	6500	5850	-	3.9	9100	
						184A2	52	38660	17180	15750	14320	12890	-	57	20040	
						14	2.9	8510	3780	3470	3150	2840	-	3.3	4410	
						148A6	42	18740	8330	7640	6940	6260	-	48	9710	
18.4-30	DW16A	470 18.5	1377 54.2	723.5 28.5	4667 183.7	16	3.25	9050	4020	3690	3350	3015	-	-	-	
						150A6	47	19950	8860	8140	7390	6650	-	-	-	
						14	2.5	8780	3900	3580	3250	2930	-	2.9	4550	
						36		19340	8590	7890	7160	6450	-	42	10020	
						16	2.75	9860	4380	4020	3650	3285	-	-	-	
24.5-32	DW21B	622 24.5	1817 71.5	833 32.8	5450 214.6	153A6	40	21740	9660	8860	8050	7240	-	-	-	
						16	2.1	13500	6000	5500	5000	4500	-	2.4	7000	
						164A6	30	29740	13220	12110	11010	9910	-	35	15420	
						176A2										
						20	2.7	15660	6960	6380	5800	5220	-	3.1	8250	
30.5L-32	DW27B DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	169A6	39	34490	15330	14050	12780	11500	-	45	18170	
						181A2										
						16	1.7	14310	6360	5830	5300	4770	-	2.05	7420	
						166A6	25	31520	14010	12840	11670	10510	-	30	12930	
						178A2										
30.5L-32	DW27B DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	18	2.05	16200	7200	6600	6000	5400	-	2.4	8250	
						170A6	30	35680	15860	14540	13220	11890	-	35	18170	
						181A2										
						20	2.15	19170	8520	7810	6150	6390	-	2.5	8500	
						171A6	31	42220	18770	17200	13550	14070	-	36	18720	
30.5L-32	DW27B DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	182A2										
						26	2.75	19170	8520	7810	7100	6390	-	3.1	10000	
						176A6	40	42220	18770	17200	15640	14070	-	45	22000	
						188A2										

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)								cable/grapple skidders					
		logging or forestry service													
		SW	OD	mm in	mm in		mm in	mm in	bar psi	Static	15 9	25 16	30 19	40 25	50 31
DH35.5L-32	DH31	896 35.3	2010 79.1	919 36.2	5979 235.4	20 177A6	1	19710	8760	8030	7300	6570	-	2.15	10300
						189A2	26	43410	19300	17690	16080	14470	-	31	22690
						26 183A6	2	23630	10500	9630	8750	7880	-	2.8	12150
						195A2	35	52050	23130	21210	19270	17360	-	41	26760
						14 150A6	2.5	9050	4020	3690	3350	3020	-	2.9	4690
18.4-34	DW16A	467 18.4	1656 65.2	768 30.2	4971 195.7	162A2	36	19930	8850	8130	7380	6650	-	42	10330
						16 154A6	2.75	10130	4500	4130	3750	3375	-		
						18.4-38*								-----UNDER DEVELOPMENT-----	

**FORWARDER
AND HARVESTER**

342 FORESTAR

LS-2

SC
SPECIAL
COMPOUND

SB
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	PR Load Index	Infl. press.	Constant load application					
								Speed, km/h (mph)					
								Recommended load, kg (lbs)					
		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
600/50R24.5	AG20.00	615	1226	565	3754	164A8	5.5	11500	7500	6150	5350	5000	4550
		24.2	48.3	22.2	147.8	171A2	73	25330	16520	13550	11780	11010	10020
650/45R24.5	AG20.00	635	1225	565	3745	20 161A8	5.0	10640	6940	5690	4950	4625	4210
		25	48.2	22.2	147.5	168A2	73	23440	15290	12530	10900	10190	9270
710/40R24.5	AG24.00	710	1230	569.4	3754	163A8	5.0	11210	7310	6000	5220	4875	4440
		28	48.4	22.4	147.8	170A2	73	24690	16100	13220	11500	10740	9780
600/55R26.5	AG20.00	600	1340	623	4080	165A8	5.0	11850	7730	6330	5510	5150	4690
		23.6	52.8	24.5	160.6	172A2	73	26100	17030	13940	12140	11340	10330
710/45R26.5	AG24.00	714	1334	621	4113	168A8	5.0	12880	8400	6890	5990	5600	5100
		28.1	52.5	24.4	161.9	175A2	73	28370	18500	15180	13190	12330	11230
600/65R34	DW20B	610	1642	772	4992	169A8	4.0	11850	7730	6330	5510	5150	4690
		24	64.6	30.4	196.5	172A2	58	26100	17030	13940	12140	11340	10330
710/55R34	DW24B	720	1644	770	4998	171A8	4.0	14150	9230	7560	6580	6150	5600
		28.3	64.7	30.3	196.8	178A2	58	31170	20330	16650	14490	13550	12330
650/65-38	DW20B DW18B	660	1840	850	5586	16 171A8	3.2	14150	9230	7560	6580	6150	5600
		26	72.4	33.5	219.9	179A2	46	31170	20330	16650	14490	13550	12330
650/65R38	DW20B	650	1812	842	5521	171A8	3.6	14150	9230	7560	6580	6150	5600
		25.6	71.3	33.1	217.4	178A2	52	31170	20330	16650	14490	13550	12330
710/70R42	DW23B	730	2050	956	6174	173A8	3.0	14950	9750	8000	6960	6500	5920
		28.7	80.7	37.6	243.1	182A2	44	32930	21480	17620	15330	14320	13040

343 FORESTAR

LS-2

SC
SPECIAL
COMPOUND

SB
STEEL
BELTED



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	PR Load Index	Infl. press.	Constant load application					
								Speed, km/h (mph)					
								Recommended load, kg (lbs)					
		SW	OD					Drive wheel					
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	
600/50-22.5	20.00DC	585 23	1163 45.8	543 21.4	3562 140.2	16							
						149A8	3.2	7480	4550	4000	3480	3250	
						156A2	46	16480	10020	8810	7670	7160	
						24	5.5	11500	7000	6150	5350	5000	
						164A8	80	25330	15420	13550	11780	11010	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application				
								Speed, km/h (mph)				
								Recommended load, kg (lbs)				
								Drive wheel				
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25
710/40-22.5	24.00DC	710 28	1170 46.1	546 21.5	3569 140.5	16	3.2 46	8170 18000	4970 10950	4370 9630	3800 8370	3550 7820
						152A8						
						159A2						
650/45-24.5	22.00DC	640 25.2	1230 48.4	573.98 22.6	3745 147.4	20	5 73	10640 23460	6480 14290	5690 12540	4950 10910	4625 10200
						163A8						
710/40-24.5	24.00DC	710 28	1235 48.6	582 22.9	3780 148.8	20	5 73	11210 24690	6830 15040	6000 13220	5220 11500	4875 10740
						163A8						
600/55-26.5	20.00DC	600 23.6	1340 52.8	620 24.4	4068 160.2	16	4 58	9780 21540	5950 13110	5230 11520	4550 10020	4250 9360
						158A8						
						166A2						
						20	5 73	11850 26100	7210 15880	6330 13940	5510 12140	5150 11340
						165A8						
						172A2						
						24	6 87	13800 30420	8400 18520	7380 16270	6420 14150	6000 13230
						170A8						
						177A2						
650/65-26.5	20.00DC	657 25.9	1485 58.5	690 27.2	4462 175.7	16	4 58	13340 29380	8120 17890	7130 15700	6210 13680	5800 12780
						169A8						
						176A2						
						20	5 73	15410 33940	9380 20660	8240 18150	7170 15790	6700 14760
700/50-26.5	AG24.00	710 28	1340 52.8	620 24.4	4017 158.1	174A8						
						181A2						
						20	5 73	13800 30420	8400 18520	7380 16270	6420 14150	6000 13230
710/45-26.5	24.00DC	710 28	1340 52.8	620 24.4	4112 161.9	170A8						
						177A2						
						16	4 58	10640 23440	6480 14270	5690 12530	4950 10900	4625 10190
750/55-26.5	24.00DC	750 29.5	1485 58.5	690 27.2	4536 178.6	161A8						
						168A2						
						20	5 73	12880 28370	7840 17270	6890 15180	5990 13190	5600 12330
800/40-26.5	28.00DC	800 31.5	1340 52.8	620 24.4	4017 158.1	168A8						
						175A2						
						24	6 87	14950 32930	9100 20040	8000 17620	6960 15330	6500 14320
850/45-26.5	28.00DC	840 33.1	1485 58.5	690 27.2	4462 175.7	173A8						
						180A2						
						16	4 58	14490 31920	8820 19430	7750 17070	6740 14850	6300 13880
850/45-26.5	28.00DC	840 33.1	1485 58.5	690 27.2	4462 175.7	172A8						
						179A2						
850/45-26.5	28.00DC	840 33.1	1485 58.5	690 27.2	4462 175.7	20	5 73	16790 36980	10220 22510	8980 19780	7810 17200	7300 16080
						177A8						
						184A2						
850/45-26.5	28.00DC	840 33.1	1485 58.5	690 27.2	4462 175.7	26	6.5 94	20700 45590	12600 27750	11070 24380	9630 21210	9000 19820
						184A8						
						191A2						
850/45-26.5	28.00DC	840 33.1	1485 58.5	690 27.2	4462 175.7	16	4 58	11210 24690	6830 15040	6000 13220	5220 11500	4875 10740
						163A8						
						170A2						
850/45-26.5	28.00DC	840 33.1	1485 58.5	690 27.2	4462 175.7	20	5 73	13800 30400	8400 18500	7380 16260	6420 14140	6000 13220
						170A8						
						177A2						
850/45-26.5	28.00DC	840 33.1	1485 58.5	690 27.2	4462 175.7	20	5 73	18400 40530	11200 24670	9840 21670	8560 18850	8000 17620
						180A8						
						187A2						

344 FORESTAR

LS-2

SC
SPECIAL
COMPOUND

SB
STEEL
BELTED

FORESTRY
FORWARDER

FOREST
HARVESTER

FOREST
TRAILER

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	PR Load Index	Infl. press.	Constant load application					
								Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		SW mm in	OD mm in				Drive wheel						
		mm in	mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	
600/50-22.5	20.00DC	600	1170	540	3502	16							
		23.6	46.1	21.3	137.9	151A8	3.2	7940	4830	4240	3690	3450	
710/40-22.5	24.00DC	700	1170	540	3502	158A2	46	17490	10640	9340	8130	7600	
						16	3.6	8630	5250	4610	4010	3750	
						154A8	52	19010	11560	10150	8830	8260	
						161A2							
						20	4	9200	5600	4920	4280	4000	
710/40-24.5	AG24.00	710	1230	579	3828	156A8	58	20260	12330	10840	9430	8810	
						163A2							
						20	5	11210	6830	6000	5220	4875	
						163A8	73	24690	15040	13220	11500	10740	
650/45-24.5	AG22.0	640	1234	579	3720	20							
		25.2	48.6	22.8	146.5	161A8	5	10640	6480	5690	4950	4625	
54x37.00-25	32.0TH	920	1435	672	4335	168A2	73	23440	14270	12530	10900	10190	
						12	2.4	9780	5950	5230	4550	4250	
						158A8	35	21540	13110	11520	10020	9360	
						166A2							
						20	4	12650	7700	6770	5890	5500	
600/55-26.5	20.00DC	620	1340	619	4053	167A8	58	27860	16960	14910	12970	12110	
						174A2							
						20	5	11850	7210	6330	5510	5150	
						165A8	73	26100	15880	13940	12140	11340	
						172A2							
650/65-26.5	20.00DC	650	1485	690	4502	24	6	13800	8400	7380	6420	6000	
						170A8	87	30400	18500	16260	14140	13220	
						177A2							
						16	4	13340	8120	7130	6210	5800	
						169A8	58	29380	17890	15700	13680	12780	
700/50-26.5	24.00DC	710	1340	620	4016	176A2	5	15410	9380	8240	7170	6700	
						174A8	73	33940	20660	18150	15790	14760	
						181A2							
710/45-26.5	24.00DC	710	1340	620	4059	20	5	12880	7840	6220	5990	5600	
						168A8	73	28370	17270	13700	13190	12330	
						175A2							
						16	4	10640	6480	5690	4950	4625	
						161A8	58	23440	14270	12530	10900	10190	
710/60-26.5	AG20.00	705	1490	692	4569	24	6	14950	9100	8000	6960	6500	
						173A8	87	32930	20040	17620	15330	14320	
						180A2							
						20	5	16790	10220	8980	7810	7300	
						177A8	73	36980	22510	19780	17200	16080	
750/55-26.5	24.00DC	750	1485	690	4554	184A2							
						16	4	14490	8820	7750	6740	6300	
						172A8	58	31920	19430	17070	14850	13880	
						179A2							
						20	5	16790	10220	8980	7810	7300	
800/40-26.5	28.00DC	800	1340	620	4037	177A8	73	36980	22510	19780	17200	16080	
						184A2							
800/40R26.5	AG28.00	800	1324	610	4037	20	4.5	13800	8400	7380	6420	6000	
						170A8	65	30400	18500	16260	14140	13220	
870/45-26.5	AG28.00	870	1430	666.54	4264	177A2							
						20	4	13800	8400	7380	6420	6000	
		34.3	56.3	26.2	167.9	170A8	58	30400	18500	16260	14140	13220	

346 FORESTAR

LS-2

SC

SB

SPECIAL
COMPOUND

STEEL
BELTED



FORESTRY
FORWARDER



FOREST
HARVESTER

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	PR Load Index	Infl. press.	Constant load application				
								Speed, km/h (mph)				
		Recommended load, kg (lbs)										
		Drive wheel										
		SW mm in	OD mm in				mm in	mm in	Static	10 6	20 12	30 19
600/65-34	DW20A	600 23.6	1640 64.6	762 30	4927 194	14 157A8 164A2	2.4 35	9490 20900	5780 12730	5070 11170	4410 9710	4125 9090
						16 160A8 167A2	4.5 65	10350 22800	6300 13880	5540 12200	4820 10620	4500 9910
						14 161A8 168A2	2.4 35	10640 23440	6480 14270	5690 12530	4950 10900	4625 10190
						20 164A8 171A2	4.5 65	11500 25330	7000 15420	6150 13550	5350 11780	5000 11010
700/55-34	DW24A	700 27.6	1650 65	766 30.2	5051 198.9	14 161A8 168A2	2.4 35	10640 23440	6480 14270	5690 12530	4950 10900	4625 10190
						20 164A8 171A2	4.5 65	11500 25330	7000 15420	6150 13550	5350 11780	5000 11010
700/70-34	DW20A	721 28.4	1850 72.8	863 34	5611 220.9	20 173A8 180A2	4.2 61	14950 32930	9100 20040	8000 17620	6960 15330	6500 14320

643 FORESTAR III

LS-2

SC

SB

SPECIAL
COMPOUND

STEEL
BELTED



FORESTRY
FORWARDER



FOREST
HARVESTER

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.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Constant load application					
								Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
		SW mm in	OD mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	
710/40-22.5	AG24.00	710	1166	546	3573	20	5.5	10640	6480	5690	4950	4625	4210
		27.95	45.9	21.49	140.66	161A8 168A2	80	23440	14270	12530	10900	10190	9270
710/45-26.5	AG24.00	710	1340	633	4085	20	5	15120	7840	6890	5990	5600	5100
		27.95	52.75	24.92	160.82	168A8 175A2	73	33330	17270	15190	13210	12350	11230
	AG 24.00	700	1340	631	4129	24	6	17550	-	8000	6960	6500	-
		27.6	52.8	24.8	162.6	173A8	87	38690	-	17640	15340	14330	-
750/55-26.5	AG24.00	750	1490	689	4565	24	6	19550	11900	10460	9100	8500	7740
		29.5	58.7	27.1	180	182A8 189A2	87	43100	26240	23060	20060	18740	17060
780/50-28.5	AG26.00	780	1525	708	4659	24	6	19550	11900	10460	9100	8500	7740
		30.7	60	27.9	183.4	182A8 190A2	87	43100	26240	23060	20060	18740	17060

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)					
								Speed, km/h (mph)					
		Road Service						Forestry use					
SW mm in	OD mm in	mm in	mm in	Static	20 12	30 19	40 25	10*HT 6 *HT	10*LT 6*LT				
710/40-22.5	AG24.00	700 27.6	1166 45.9	540 21.3	3559 140.1	20 161A8 168A2	5 73	12490 27536	5690 12544	4950 10913	4625 10196	4625 10196	5600 12346
		710 28	1230 48.4	574 22.6	3768 148.3	20PR 163A8	5 73	13160 29010	6000 13230	5220 11510	4875 10750	4875 10750	6000 13230
780/50-28.5	AG26.00	780 30.7	1525 60	711 28	4647 183	24 182A8 190A2	6 87	22950 50596	10460 23060	9100 20062	8500 18739	8500 18739	10600 23369
		750 29.5	1490 58.7	694 27.3	4565 179.7	24 182A2 189A2	6 87	22950 50596	10460 23060	9100 20062	8500 18739	8500 18739	10300 22708

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.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index Symbols	Infl. press.	Constant load application					
									Speed, km/h (mph)					
		Recommended load, kg (lbs)												
		Drive wheel						50 31						
		SW mm in	OD mm in	mm in	mm in	Static	10 6		20 12	30 19	40 25			
600/50-22.5	AG20.00	600	1170	551	3602	20	159A8	5	10060	6130	5380	4680	4375	3980
		23.62	46.06	21.69	141.8		167A2	72.5	22160	13500	11850	10310	9640	8770
710/40-22.5	AG24.00	710	1166	549	3586	20	161A8	5	10640	6480	5690	4950	4625	4210
		28	45.9	21.6	141.1		168A2	73	23460	14290	12540	10910	10200	9280
710/40-24.5	AG24.00	690	1230	564	3726	20	163A8	5	13160		6000	5220	4875	
		27.2	48.4	22.2	146.7		170A2	73	29010		13230	11510	10750	
600/55-26.5	AG20.00	610	1340	626	4113	20	165A8	5	11850	7210	6330	5510	5150	4690
		24.01	52.75	24.6	161.9		172A2	73	26100	15880	13940	12140	11340	10330
710/45-26.5	AG24.00	710	1340	628	4098	20	168A8	5.5	12880	7840	6890	5990	5600	5100
		27.95	52.75	24.72	161.34		175A2	80	28370	17270	15180	13190	12330	11230
	AG24.00	700	1340	630	4117	24	173A8	6	17550		8000	6960	6500	
		27.6	52.8	24.8	162.1		180A2	87	38690		17640	15340	14330	
750/55-26.5	AG24.00	750	1490	683	4467	24	182A8	6	17710	10780	9470	8240	7700	7010
		29.52	58.66	26.89	175.8		189A2	87	39010	23740	20860	18150	16960	15440
800/40-26.5	AG28.00	780	1340	635	4069	20	170A8	5	13800	8400	7380	6420	6000	5460
		30.7	52.8	25	160.2		177A2	73	30420	18520	16270	14150	13230	12040
710/55-28.5	AG24.00	702	1525	711	4646	24	180A8	6	18400	11200	9840	8560	8000	
		27.6	60	28	182.9		187A2	87	40570	24690	21690	18870	17640	
780/50-28.5	AG26.00	780	1525	715	4659	24	182A8	6	22950		10460	9100	8500	
		30.7	60.0	28.1	183.4		190A2	87	50600		23060	20060	18740	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)			
								Speed, km/h (mph)			
		Road Service									
		SW mm in	OD mm in				mm in	mm in	bar psi	Static	20 12
600/50-22.5	AG20.00	600	1170	551	3602	20 159A8 167A2	5 73	11810	5380	4680	4375 9645
		23.6	46.1	21.7	141.8		26037	11861	10318		
710/40-22.5	AG24.00	700	1166	545.6	3587	20 161A8 168A2	5 73	12490	5690	4950	4625 10196
		27.6	45.9	21.5	141.2		27536	12544	10913		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)			
								Speed, km/h (mph)			
		Road Service									
		SW mm in	OD mm in	mm in	mm in	bar psi	Static	20 12	30 19	40 25	
780/50-28.5	AG26.00	780	1525	690	4639	24 182A8	6	22950	10460	9100	8500
		30.7	60	27.2	182.6	190A2	87	50596	23060	20062	18739
600/55-26.5	AG20.00	600	1340	629	4102	24 170A8	6	16200	7380	6420	6000
		23.6	52.8	24.8	161.5	177A2	87	35715	16270	14154	13228
750/55-26.5	AG24.00	750	1490	685	4517	24 182A8	6	22950	10460	9100	8500
		29.5	58.7	27	177.8	189A2	87	50596	23060	20062	18739
710/55-28.5	AG24.00	702	1525	710.4	4646	24 180A8	6	21600	9840	8560	8000
		27.6	60	27.9	182.9	187A2	87	47620	21693	18872	17637
800/40-26.5	AG28.00	790	1340	622	4105	24 176A8	6	19170	8730	7600	7100
		31.1	52.8	24.5	161.6	183A2	87	42260	19250	16760	15650

344 FORESTAR ELIT

HF-2

SC

SB

SPECIAL COMPOUND

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.	Constant load application				
								Speed, km/h (mph)				
		Constant load application										
		Drive wheel										
		SW mm in	OD mm in				mm in	mm in	bar psi	Static	10 6	20 12
600/55-26.5	AG20.00	600	1330	608	3965	20	2.5	11850	7210	6330	5510	5150
		23.6	52.4	23.9	156.1	165A8 172A2	36	26130	15900	13960	12150	11350
710/40-24.5	AG24.00	710	1230	560	3705	20	2.5	11210	6830	6000	5220	4875
		28	48.4	22	145.9	163A8 170A2	36	24714	15058	13228	11508	10748
710/45-26.5	AG24.00	710	1330	602	3974	20	2.5	12880	7840	6890	5990	5600
		28	52.4	23.7	156.5	168A8 175A2	36	28396	17284	15190	13206	12346
750/55-26.5	AG24.00	750	1485	664	4436	20	2.5	16790	10220	8980	7810	7300
		29.5	58.5	26.1	174.6	177A8 184A2	36	37016	22531	19797	17218	16094
800/40-26.5	AG28.00	800	1340	600	3993	20	2.5	13800	8400	7380	6420	6000
		31.5	52.8	23.6	157.2	170A8 177A2	36	30424	18519	16270	14154	13228

**FORESTRY FLOTATION
AND TRAILER**

328 FORESTRY

I-3



FLOTATION



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 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	PR Load Index	Infl. press.	Constant load application				
								Speed, km/h (mph)				
								Recommended load, kg (lbs)				
								Drive wheel				
		SW mm in	OD mm in				bar psi	Static	10 6	20 12	30 19	40 25
400/60-15.5	13.00DC	404 15.9	864 34	380 15	2509 98.8	14						
						145A8	3.5	6670	4060	3220	3100	2900
						153A2	51	14690	8940	7090	6830	6390
						16						
						148A8	4	7250	4410	3500	3370	3150
						155A2	58	15970	9710	7710	7420	6940
						20						
						152A8	5	8170	4970	3940	3800	3550
						159A2	73	18000	10950	8680	8370	7820
						12						
						150A8	3.3	7710	4690	3720	3580	3350
						157A2	48	16980	10330	8190	7890	7380
500/55-17	16.00	503 19.8	980 38.6	441 17.4	2906 114.4	12						
						148A8	3.3	7250	4410	3500	3370	3150
						155A2	48	15970	9710	7710	7420	6940
						16						
						148A8	3.6	7250	4410	3500	3370	3150
						155A2	52	15970	9710	7710	7420	6940
500/45-22.5	16.00DC	500 19.7	1050 41.3	489 19.3	3153 124.1	12						
						148A8	3.6	7250	4410	3500	3370	3150
						155A2	52	15970	9710	7710	7420	6940
						16						
						148A8	3.6	7250	4410	3500	3370	3150
						155A2	52	15970	9710	7710	7420	6940

331 FORESTRY

I-3



FLOTATION



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	PR Load Index	Infl. press.	Constant load application				
								Speed, km/h (mph)				
								Recommended load, kg (lbs)				
		SW mm in	OD mm in					Drive wheel				
							bar psi	Static	10 6	20 12	30 19	40 25
500/60-22.5	16.00DC	500 19.7	1170 46.1	540 21.3	3465 136.4	16						
						151A8	3.2	8050	4900	3890	3750	3500
						158A2	46	17730	10790	8570	8260	7710
						20						
						158A8	4	9780	5950	4720	4550	4250
						165A2	58	21540	13110	10400	10020	9360
						12						
						140A8	2.4	5750	3500	2780	2680	2500
						147A2	35	12670	7710	6120	5900	5510
						12						
						140A8	2.4	5750	3500	2780	2680	2500
						147A2	35	12670	7710	6120	5900	5510

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application					
								Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25		
600/40-22.5	20.00DC	600 23.6	1110 43.7	515 20.3	3356 132.1	16	3.2 46	7250 15970	4410 9710	3500 7710	3370 7420	3150 6940	
						148A8							
						155A2							
500/60-26.5	16.00DC	500 19.7	1270 50	590 23.2	3838 151.1	16	4 58	11210 24690	6830 15040	5410 11920	5220 11500	4875 10740	
						163A8							
						170A2							
						22							
						170A8							5.7 83
600/60-30.5	20.00DC	600 23.6	1500 59.1	696 27.4	4504 177.3	20	4 58	12880 28370	7840 17270	6220 13700	5990 13190	5600 12330	
						168A8							
						175A2							
700/50-30.5	24.00DC	700 27.6	1510 59.4	699 27.5	4528 178.3	20	3.7 54	13340 29380	8120 17890	6440 14190	6210 13680	5800 12780	
						169A8							
						176A2							
800/45-30.5	28.00DC	800 31.5	1520 59.8	704 27.7	4561 179.6	20	3.5 51	15410 33940	9380 20660	7440 16390	7170 15790	6700 14760	
						174A8							
						181A2							

**AGRO
FORESTRY**

AGRO-FORESTRY 333

FLOTATION

R-1W

SC
SPECIAL
COMPOUND

SB
STEEL
BELTED



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	PR	Load Index	Infl. press	Static	Recommended load , kg (lbs)					
		Speed, km/h (mph)													
		Mixed Application													
		10 6	25 16							30 19	40 25	50 31			
320/85-24	W11 W10	320	1165	529	3445	14	127A8	2.4	4030	2630	1940	1870	1750	1610	
		12.8	45.9	20.8	135.6		124B	35	8880	5790	4270	4120	3850	3550	
380/85-24	W12	380	1260	570	3723	14	137A8	2.4	5290	3450	2550	2460	2300	2120	
		15	49.6	22.4	146.6		134B	35	11650	7600	5620	5420	5070	4670	
380/85-28	W12	380	1357	623	4060	14	139A8	2.4	5590	3650	2700	2600	2430	2210	
		15	53.4	24.5	159.8		136B	35	12310	8040	5950	5730	5350	4870	
420/85-30	W15 W14L W13L	418	1475	672	4376	14	145A8	2.4	6670	4350	3220	3100	2900	2660	
		16.5	58.1	26.5	172.3		141B	35	14690	9590	7090	6830	6390	5860	
		16	150A8	2.8	7710	5030	3720	3580	3350	3050					
			147B	41	16980	11080	8190	7890	7380	6720					
460/85-30	DW15L W14L W15L	455	1544	702	4584	14	150A8	2.4	7710	5030	3720	3580	3350	3080	
		17.9	60.8	27.6	180.5		147B	35	16980	11080	8190	7890	7380	6780	
		16	155A8	2.8	8910	5190	4300	4150	3875	3530					
			152B	41	19630	11430	9470	9140	8540	7780					
420/85-34	W15L W14L W13L	418	1578	724	4705	14	147A8	2.4	7070	4610	3410	3290	3075	2820	
		16.5	62.1	28.5	185.2		144B	35	15570	10150	7510	7250	6770	6210	
460/85-34	W16	470	1650	751	4888	14	152A8	2.4	8170	5330	3940	3800	3550	3260	
		18.5	65.0	29.6	192.4		149B	35	18000	11740	8680	8370	7820	7180	
		16	156A8	2.8	9200	6000	4440	4280	4000	3640					
			153B	41	20260	13220	9780	9430	8810	8020					
420/85-28	W15L W14L	430	1425	670	4313	14	144A8	2.4	6440	4200	3110	3000	2800	2570	
		16.9	56.1	26.4	169.8		141B	35	14190	9250	6850	6610	6170	5660	
420/85-38	W15 W14L W13L	430	1680	774	5021	14	149A8	2.4	7480	4880	3610	3480	3250	2980	
		16.9	66.1	30.5	197.7		146B	35	16480	10750	7950	7670	7160	6560	
460/85-38	DW16L	460	1747	801	5206	14	154A8	2.4	8630	5630	4160	4010	3750	3410	
		18.1	68.8	31.5	205		151B	35	19010	12400	9160	8830	8260	7520	
		16	158A8	2.8	9780	6380	4720	4550	4250	3870					
			155B	41	21540	14050	10400	10020	9360	8520					
520/85-38	DW16L DW18L	520	1860	864	5518	14	160A8	2.4	10350	6750	5000	4820	4500	4130	
		20.5	73.2	34	217.2		157B	35	22810	14880	11020	10620	9910	9100	
		16	164A8	2.8	11500	—	5550	5350	5000	4550					
			160B	41	25330	—	12220	11780	11010	10020					
520/85-42	DW16L	520	1950	905	5785		162A8	2.4	10925	7125	5270	5080	4750	4375	
		20.5	76.8	35.6	227.7		159B	35	24085	15705	11620	11200	10470	9645	

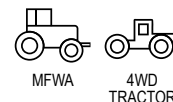
360

R-1W

SC

SB

FLOTATION

SPECIAL
COMPOUNDSTEEL
BELTED

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.

AGRO FORESTRY



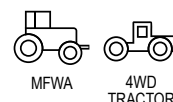
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application				
								Speed, km/h (mph)				
								Recommended load, kg (lbs)				
								Drive wheel				
		SW mm in	OD mm in				bar psi	Static	10 6	20 12	30 19	40 25
480/65-24	W15	470	1250	582	3702	140A8	2.4	5750	3750	2780	2680	2500
	W14L	18.5	49.2	22.9	145.7	147A2	35	12670	8260	6120	5900	5510
480/65-28	W15	460	1350	634	4088	142A8	2.4	6100	3980	2940	2840	2650
	W14L	18.1	53.1	25	160.9	149A2	35	13450	8770	6480	6260	5840
540/65-28	W16	520	1448	668	4331	16	3.3	8860	5780	4270	4120	3850
	W15	20.5	57	26.3	170.5	155A8 162A2	48	19520	12730	9410	9070	8480
600/65-28	W18L	570	1500	684	4471	154A8	2.4	8630	5630	4160	4010	3750
	W16L	22.4	59.1	26.9	176	161A2	35	19010	12400	9160	8830	8260
600/65R28	DW20	600	1480	684	4481	154A8	2.4	8630	5630	4160	4010	3750
	W18L	23.6	58.3	26.9	176.4		35	19010	12400	9160	8830	8260
540/65-30	W16L	525	1490	692	4483	150A8	2.4	7710	5030	3720	3580	3350
	W18L	20.7	58.7	27.2	176.5	157A2	35	16980	11080	8190	7890	7380
540/70-30	W16L	520	1502	693	4510	152A8	2.4	8170	5330	3940	3800	3550
	W18L	20.5	59.1	27.3	177.6	159A2	35	18000	11740	8680	8370	7820
540/65-38	W16L	518	1699	793	5125	153A8	2.4	8400	5480	4050	3910	3650
	W18L	20.4	66.9	31.2	201.8	160A2	35	18500	12070	8920	8610	8040
600/65-38	W18L	557	1760	819	5318	159A8	2.4	10060	6560	4860	4680	4375
	W16L	21.9	69.3	32.2	209.4	166A2	35	22160	14450	10700	10310	9640
650/65-38	DW20A	635	1880	871	5638	16	2.4	11500	7500	5550	5350	5000
		25	74	34.3	222	164A8 171A2	35	25330	16520	12220	11780	11010
650/75-38	DW20B	680	1965	902	5850	168A8	2.4	12880	8400	6220	5990	5600
	DW21B	26.8	77.4	35.5	230.3	175A2	35	28370	18500	13700	13190	12330
710/70R38	DW23	716	1940	898	5815	168A8	2.4	12880	8400	6220	5990	5600
		28.2	76.4	35.4	228.9	175A2	35	28370	18500	13700	13190	12330
650/65R42	DW20	655	1950	900	5869	165A8	2.4	11850	7730	5720	5510	5150
	DW18	25.8	76.8	35.4	231	172A2	35	26100	17030	12600	12140	11340

365

R-1W

SC

SB

SPECIAL
COMPOUNDSTEEL
BELTED

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 Speed Symbol	Infl. press	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Field	1) Not high and sustained torque; 2) Road transport						
									Non cyclic operation				Cyclic operation		
							25 16		40 25	50 31	65 40	bar psi	10 6	15 9	
mm in	mm in	mm in	mm in	bar psi											
710/70R42	DW23B					173D	2.4	7480	7700	7120	6830	6500	3	11050	10080
		740 29.1	2055 80.9	936 36.9	6178 243.2	176A8	35	16480	16960	15680	15040	14320	44	24340	22200
						177D	3.2	8400	8650	8000	7670	7300	4	12410	11320
						180A8	46	18500	19050	17620	16890	16080	58	27330	24930

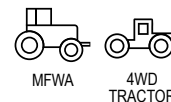
370

R-1W

SC

SPECIAL
COMPOUND

SB

STEEL
BELTED

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.



AGRO FORESTRY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application					
								Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
		SW mm in	OD mm in				mm in	mm in	bar psi	Static	10 6	25 16	30 19
380/70-24	W12	380 15	1206 47.5	558 22	3614 142.3	14	2.7 39	4370 9630	2850 6280	2110 4650	2030 4470	1900 4190	1730 3810
	W11					130A8							
	W13					138A2							
420/70-24	W13	418 16.5	1265 49.8	582 22.9	3774 148.6	14	3 44	5430 11960	3540 7800	2620 5770	2530 5570	2360 5200	2150 4740
	W12					138A8							
	W14L					145A2							
380/70-28	W12	380 15	1308 51.5	609 24	3935 154.9	14	3 44	5430 11960	3540 7800	2620 5770	2530 5570	2360 5200	2150 4740
	W11					138A8							
	W13					145A2							
420/70-28	W13	418 16.5	1364 53.7	633 24.9	4095 161.2	14	2.5 36	5430 11960	3750 8260	2780 6120	2680 5900	2500 5510	2280 5020
	W12					140A8							
	W14L					147A2							
480/70-28	W15L	479 18.9	1448 57	668 26.3	4334 170.6	14	2.7 39	6670 14690	4350 9580	3220 7090	3100 6830	2900 6390	2640 5810
						145A8							
						152A2							
600/70R30	DW20B	630 24.8	1595 62.8	738 29.1	4785 188.4	14	3.6 52	11850 26130	7730 17040	5720 12610	5510 12150	5150 11350	4690 10340
	DW18L					165A8							
	W18L					172A2							
480/70-34	W15L	479 18.9	1600 63	744 29.3	4812 189.4	14	2.5 36	6900 15200	4500 9910	3330 7330	3210 7070	3000 6610	2730 6010
	W14L					146A8							
	W16L					153A2							
520/70-34	W16L	516 20.3	1659 65.3	769 30.3	4980 196.1	14	2.5 36	8630 19010	5630 12400	4160 9160	4010 8830	3750 8260	3410 7510
	W18L					154A8							
						161A2							
480/70-38	W15L	479 18.9	1715 67.5	801 31.5	5170 203.5	14	2.7 39	7710 16980	5030 11080	3720 8190	3580 7890	3350 7380	3050 6720
	W14L					150A8							
	W16L					157A2							
520/70-38	W16L	520 20.5	1758 69.2	819 32.2	5292 208.3	14	2.5 36	8910 19630	5810 12800	4300 9470	4150 9140	3875 8540	3530 7780
	W16A					155A8							
	W18L					162A2							
580/70-38	W18A	570 22.4	1841 72.5	854 33.6	5528 217.6	14	2.5 36	10350 22800	6750 14870	5000 11010	4820 10620	4500 9910	4100 9030
						160A8							
						168A2							

385

R-1W



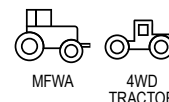
Alliance 385 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall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



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application					
								Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
		SW mm in	OD mm in	mm in	mm in		bar psi	Static	10 6	20 12	30 19	40 25	50 31
18.4-34	W16L												
	DW16	486	1671	750	5007	14	2.5	8630	5630	4160	4010	3750	3410
	W15L	19.1	65.8	29.5	197.1	154A8	36	19010	12400	9160	8830	8260	7510
	DW15L					161A2							
20.8-38	DW18A												
	18DD	550	1860	866	5596	14	2.3	10060	6560	4860	4680	4375	3980
	W18A	21.7	73.2	34	220.3	159A8	33	22160	14450	10700	10310	9640	8770
	W16L					166A2							

580

R-4



Alliance 580 is a Agro-Forestry radial tire. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces. The steel belted construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. Long tread life and low tread wear are due to the special tread design. Durable tread rubber compound is another feature of this tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application					
								Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
		SW	OD						bar psi	Static	10 6	25 15	30 19
mm in	mm in	mm in	mm in										
400/70-20	13	400	1105	510	3307	156A8	4.7	9200	6000	4440	4280	4000	3640
	11	15.7	43.5	20.1	130.2	163A2	68	20260	13220	9780	9430	8810	8020

The 356 Forest is a modern diagonal forestry tire for high power tractors on heavy duty jobs in forestry and heavier operations 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 and steel belts, high undertread 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	PR Load Index Speed Symbol	Infl. ess.	Constant load application					
								Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
		SW mm in	OD mm in	mm in	mm in		Static	10 6	25 15	30 19	40 25	50 31	
11.2-24	DW10					10							
	W10	290 11.4	1112 43.8	518 20.4	3346 131.7	119A8	2.1 30	3130 6890	2040 4490	1510 3330	1460 3220	1360 3000	1240 2730
	W10H					125A2							
12.4-24	DW11					12							
	W10H	315 12.4	1145 45.1	524 20.6	3407 134.1	128A8	3.5 51	4140 9120	2700 5950	2000 4410	1930 4250	1800 3960	1640 3610
	DW10					136A2							
13.6-24	DW12					10							
	W12	345 13.6	1190 46.9	542 21.3	3603 141.9	128A8	2.5 36	4140 9120	2700 5950	2000 4410	1930 4250	1800 3960	1640 3610
	W11					136A2							
14.9-24	DW13					12							
	W13	378 14.9	1245 49	562 22.1	3793 149.3	132A8	3 44	4600 10130	3000 6610	2220 4890	2140 4710	2000 4410	1820 4010
						139A2							
18.4-26	DW13					14							
	W13	378 14.9	1245 49	562 22.1	3793 149.3	138A8	3 44	5430 11960	3540 7800	2620 5770	2530 5570	2360 5200	2150 4740
						144A2							
13.6-28	DW12					18							
	W12	345 13.6	1295 51	595 23.4	3863 152.1	143A8	3.8 55	6270 13810	4090 9010	3020 6650	2920 6430	2725 6000	2480 5460
	W12D					150A2							
14.9-28	DW13					10							
	W13	378 14.9	1350 53.1	618 24.3	4019 158.2	141A8	2.1 30	5920 13040	3860 8500	2860 6300	2760 6080	2575 5670	2340 5150
	W12D					148A2							
16.9-28	DW15L					14							
	W15	429 16.9	1420 55.9	645 25.4	4207 165.6	148A8	3 44	7250 15970	4730 10420	3500 7710	3370 7420	3150 6940	2870 6320
	W14L					155A2							
14.9-30	DW12					10							
	W12	345 13.6	1295 51	595 23.4	3863 152.1	130A8	2.5 36	4370 9630	2850 6280	2110 4650	2030 4470	1900 4190	1730 3810
	W12D					138A2							
16.9-30	DW15L					14							
	W15	429 16.9	1420 55.9	645 25.4	4207 165.6	137A8	3.5 51	5290 11650	3450 7600	2550 5620	2460 5420	2300 5070	2090 4600
	W14L					144A2							
16.9-30	DW13					14							
	W13	378 14.9	1350 53.1	618 24.3	4019 158.2	140A8	3 44	5750 12670	3750 8260	2780 6120	2680 5900	2500 5510	2280 5020
	W12D					147A2							
16.9-30	DW15L					14							
	W15	429 16.9	1420 55.9	645 25.4	4207 165.6	145A8	2.7 39	6670 14690	4350 9580	3220 7090	3100 6830	2900 6390	2640 5810
	W14L					152A2							
16.9-30	DW15L					14							
	W15	429 16.9	1475 58.1	684 26.9	4426 174.3	144A8	3 44	6440 14190	4200 9250	3110 6850	3000 6610	2800 6170	2550 5620
	W14L					151A2							
16.9-30	DW15L					14							
	W15	429 16.9	1475 58.1	684 26.9	4426 174.3	144A8	2.6 38	6440 14190	4200 9250	3110 6850	3000 6610	2800 6170	2550 5620
	W14L					151A2							

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. ess.	Constant load application					
								Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
		SW	OD					bar psi	Static	10 6	25 15	30 19	40 25
mm in	mm in	mm in	mm in										
18.4-30	W16L					14							
	DW16L	467	1545	712	4618	151A8	2.6	7940	5180	3830	3690	3450	3140
	W15L	18.4	60.8	28	181.8	158A2	38	17490	11410	8440	8130	7600	6920
	DW15L												
16.9-34				730	4801	14							
				28.7	189	146A8	2.5	6900	4500	3330	3210	3000	2730
						153A2	36	15200	9910	7330	7070	6610	6010
	DW15	429	1575										
	W15L	16.9	62			18							
	W14L			735	4847	152A8	3.2	8170	5330	3940	3800	3550	3230
			28.9	190.8	159A2	46	18000	11740	8680	8370	7820	7110	
16.9-38	W15L					14							
	DW15	429	1675	772	5007	149A8	2.6	7480	4880	3610	3480	3250	2960
	W14L	16.9	65.9	30.4	197.1	156A2	38	16480	10750	7950	7670	7160	6520
18.4-38	W16L					14							
	16DD	467	1750	803	5217	155A8	2.5	8910	5810	4300	4150	3875	3530
	W16A	18.4	68.9	31.6	205.4	162A2	36	19630	12800	9470	9140	8540	7780
	DW15L												
20.8-38	W18L					14							
	18DD	550	1860	863	5583	159A8	2.3	10060	6560	4860	4680	4375	3980
	W18A	21.7	73.2	34	219.8	166A2	33	22160	14450	10700	10310	9640	8770
	W16L												

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application					
								Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
		SW	OD						Static	10 6	20 12	30 19	40 25
mm in	mm in	mm in	mm in	bar psi									
13.6-28	W12 DW12	345	1295	605	3938	10	2.5	4370	2850	2340	2030	1900	1730
	W12D W11	13.6	51	23.8	155	130A8 138B	36	9630	6280	5160	4480	4190	3810
16.9-30	15	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
16.9-34	DW15 W14L	429	1575	735	4847	18	3.2	8170	5330	4370	3800	3550	3230
	W15L	16.9	62	28.9	190.8	152A8 159A2	46	18010	11750	9630	8380	7830	7120
16.9-34	W15L DW15L, W15 W14L W14L	429	1575	730	4801	14	2.5	6900	4500	3690	3210	3000	2730
		16.9	62	28.9	189	146A8 153A2	36	15210	9920	8140	7080	6610	6020
18.4-38	16	467	1750	806	5284	14	2.5	8910	5810	4770	4150	3875	3530
		18.4	68.9	31.7	208	155A8 162B	36	19640	12810	10520	9150	8540	7780

CONSTRUCTION AND INDUSTRIAL



NOTES

A skid steer loader is shown in a black and white photograph, positioned in the center-right of the frame. The loader is facing left, with its bucket raised. The background consists of a flat, open field under a cloudy sky. The entire image is overlaid with a vibrant red color. Two large, solid black geometric shapes, resembling triangles, are placed on the left and top-right sides of the image. The text "SKID STEER" is written in a bold, white, sans-serif font, slanted upwards from left to right, and is superimposed over the lower half of the image.

SKID STEER

550 MULTIUSE



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. 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 give the most efficient puncture protection.



These R-4 tires have been developed for Skid Steer application.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)				
		Speed, km/h (mph)										
		Constant load										
		SW mm in	OD mm in					mm in	mm in	Bar psi	Static	10 6
265/70R16.5 (10R16.5)	8.25	264	773	349	2345	130A2	4	3000	1900	1370	1290	1250
		10.4	30.4	13.7	92.3		58	6610	4190	3020	2840	2750
305/70R16.5 (12R16.5)	9.75	304	832	374	2469	141A5	4	3610	2780	2575	2500	1800
		12	32.8	14.7	97.2		58	7950	6120	5670	5510	3960

SK-906



All new pattern for skid steer 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 mm in	Rolling Circum mm in	PR load index Speed Symb.	Infl. press	Recommended load, kg (lbs)
		SW	OD				bar psi	Speed, km/h (mph)
		mm in	mm in					10 6
#11L-16*						12	-----UNDER DEVELOPMENT-----	
10-16.5	8.25	260 10.2	768 30.2	355 14	2290 90.2	8	4.1	1880
							60	4140
						10	5.2	2135
						134A2	75	4710
						12	6.2	2375
						138A2	90	5240
12-16.5	9.75	295 11.6	820 32.3	381 15	2464 97	8	3.4	2180
							50	4810
						10	4.5	2540
						140A2	65	5600
						12	5.5	2865
						144A2	80	6320
14-17.5 NHS	10.5	349 13.7	921 36.3	420 16.5	2746 108.1	14	5.5	3875
						155A2	80	8543

#Backhoe size

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press	Recommended load, kg (lbs)	
		SW	OD				bar psi	Speed, km/h (mph)	
		mm in	mm in					Static	10 6
10-16.5NHS	8.25	260	768	355	2290	12PR	6.2	2375	
		10.2	30.2	14	90.2	138A2	90	5240	
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

SK-903

R-4



CUT & CHIP RESISTANT COMPOUND



ABRASION RESISTANT COMPOUND



SKIDSTEER

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 mm in	Rolling Circum mm in	PR load index Speed Symb.	Infl. press bar psi	Recommended load, kg (lbs)			
		SW mm in	OD mm in					Speed, km/h (mph)			
								Static	1 1	5 3	10 6
10x16.5NHS	8.25	260 10.2	773 30.4	356 14	2351 92.6	8	4.1	2970	—	—	1880
						129A2	60	6545	—	—	4140
						10	5.2	3375	—	—	2135
						134A2	75	7440	—	—	4710
12x16.5NHS	9.75	307 12.1	831 32.7	380 15	2510 98.8	10	4.5	4015	—	—	2540
						140A2	65	8850	—	—	5600
						12	5.5	4525	—	—	2865
						144A2	80	9990	—	—	6320

202

L-5



SKIDSTEER

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	PR	TYPE	RIM	OD	SW	RC	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
				mm in	mm in	mm in	mm in	kg lbs	bar psi	kmph mph
10x16.5 NHS	10	TL	8.25	805	259	2337	366	2180	4.1	8
				31.7	10.2	92	14.4	4806	60	5
12x16.5 NHS	12	TL	9.75	838	307	2438	384	2575	5.5	9
				33	12.1	96	15.1	5677	80	6
14x17.5NHS	14	TL	10.5	935	358	2743	427	3875	5.5	10
				36.8	14.1	108	16.8	8543	80	6

BACKHOE LOADER



550 MULTIUSE

R-4

SB

STEEL BELTED



BACKHOE

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 Speed Symbol	Infl. press.	Recommend load, kg (lbs)												
								Speed, km/h (mph)												
		SW mm in	OD mm in					Constant load											Cyclic Applications	
								Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	15 9				
280/80R18IND (10.5R18IND)	W9	282	905	414.4	2695	132A8	4	4600	2500	2120	2080	2000	2000	—	3000	2680				
	W10 W8	11.1	35.6	16.3	106.1	132B	58	10141	5512	4674	4586	4409	4409	—	6614	5908				
460/70R24 IND (17.5LR24)	W15L																			
	DW14L																			
	DW16L	460	1250	570	3772	159A8	4	10060	5470	4860	4680	4375	4375	—	6560	5860				
	14	18.1	49.2	22.4	148.5	159B	58	22160	12050	10700	10310	9640	9640	—	14450	12910				
	16																			
	TW14L																			
500/70R24 IND (19.5LR24)	DW15	505	1308	591	3920	164A8	4	11500	6250	5550	5350	5000	5000	—	7500	6700				
	DW16	19.9	51.5	23.3	154.3	164B	58	25330	13770	12220	11780	11010	11010	—	16520	14760				
480/80R26 IND (18.4R26)	DW15	483	1425	645.5	4266	160A8	3.2	10350	5630	5000	4820	4500	4500	—	6750	6030				
	DW16	19	56.1	25.4	168	160B	46	22800	12400	11010	10620	9910	9910	—	14870	13280				

580

R-4

SB

WRC

STEEL BELTED

WEAR RESISTANT COMPOUND



BACKHOE

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 Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Constant load						Cyclic Applications	
								mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19
280/80R18 (10.5R18)	W8 W9 W10	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680
		11.1	35.6	16.5	109.1	132B	58	10140	5510	4890	4720	4410	4410	6610	5910
300/75R18 (12.0R18)IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550
		11.6	35.7	16.5	106.2	142B	73	13450	7300	6480	6260	5840	5840	8770	7830
400/70R18IND	W13 W12	404	1017	461	3073	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
		15.9	40	18.1	121	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
400/70R20	W13	410	1072	485	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
		16.1	42.2	19.1	127.5	149B	58	16490	8950	7960	7670	7170	7170	10760	9610
340/80R20IND (12.5R20IND)	11 12 11SDC 12SDC W10, W11	343	1052	477	3200	144A8	4	6440	3500	3110	3000	2800	2800	4200	3750
		13.5	41.4	18.8	126	144B	58	14200	7720	6860	6610	6170	6170	9260	8270
440/80R24 (16.9R24) IND	DW14L DW15L 14, TW14L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
		17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15300	13660
460/70R24 (17.5LR24) IND	DW15L DW14L DW16L 14 16 TW14L														
		462	1250	567	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
		18.2	49.2	22.3	145.7	159B	58	22160	12050	10700	10310	9640	9640	14460	12910

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					Constant load						Cyclic Applications	
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10^ 6	15 9
500/70R24 (19.5LR24) IND	DW16L	505	1308	600	3900	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.9	51.5	23.6	153.5	164B	58	25330	13770	12220	11780	11010	11010	16540	14760
440/80R28 (16.9R28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13230	11810
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16540	14760

570

R-4

C+C

CUT & CHIP RESISTANT COMPOUND



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.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



570 BACKHOE & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Constant load					Cyclic Applications							
				mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19	40 25	50 31	10^A 6	30 19
19.5LR24	W16L W15L	495 19.5	1320 52	600 23.6	3912 154	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
						156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445 17.5	1245 49	564 22.2	3682 145	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
						147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
						159B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810
400/70-20	11	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
	13	16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
	W14L	17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720
						147B										

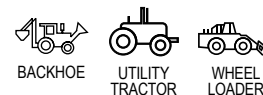
570 BACKHOE & EARTH MOVER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)										
								Speed, km/h (mph)										
		SW	OD				Transport					Loading						
		mm in	mm in				mm in	mm in	Bar psi	10 6	20 12	30 19	40 25	50 31	Static	1 1	5 3	10 6
405/70R20	13	421	1080	495	3291	143B	3.75	3870	3520	3160	2970	2725	6200	5040	4380	3875		
		16.6	42.5	19.5	129.6	155A2	54	8520	7750	6960	6540	6000	13660	11100	9650	8540		

570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				mm in	mm in			mm in	mm in	bar psi	10 6	20 12	30 19	40 25	50 31	60 37
		405/70R20 MPT	13	421	1080		492	3291	136G	4	4030	3360	2800	2580	2510	2460
16.6	42.5			19.5	129.6	58	8880	7400		6170	5680	5530	5420	5290	5130	4930

533 R-4



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	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)											
		Speed, km/h (mph)																		
		Free rolling							Drive wheel											
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	25 12	30 19	40 25	10 6	20 12	30 19	40 25				
15.5/80-24	W12 W13 W14L	394 15.5	1240 48.8	552 21.7	3652 143.8	10	154A6													
							150A8	2.5	4840	4280	3750	3380	3420	3020	2650	2390				
							142A6	36	10660	9430	8265	7440	7530	6650	5840	5260				
							138A8													
							12	157A6												
								154A8	4.1	5320	4700	4125	3710	3740	3310	2900	2610			
								145A6	59	11720	10350	9090	8170	8240	7290	6390	5750			
								142A8												
							16	163A6												
								159A8	4	6290	5560	4875	4390	4450	3930	3450	3110			
								151A6	58	13850	12250	10740	9670	9800	8660	7600	6850			
								147A8												
16.5/85-24	W13 W14L W15L	417 16.4	1320 52	580 22.8	3831 150.8	12	162A6													
							158A8	2.7	6130	5420	4750	4280	4320	3820	3350	3020				
							150A6	39	13500	11940	10460	9430	9520	8410	7380	6650				
							146A8													
							163A6													
16.5/85-28	W13L W14L W15L	417 16.4	1423 56	626 24.6	4133 162.7	12	159A8	2.8	6290	5560	4875	4390	4450	3930	3450	3110				
							151A6	41	13850	12250	10740	9670	9800	8660	7600	6850				
							147A8													

533 BACKHOE & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
							Industrial Use					Agricultural Use				
		SW	OD	Infl.	Constant load			Cyclic Applic		Infl.	Road Transport			Field		
		mm in	mm in	mm in	mm in		bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6
14.9-24	W13 W12					10	2.5	2890	2650	3260	2650	2.2	2760	2060	1870	2200
		378 14.9	1241 48.9	560 22	3661 144.1	142A8	36	6370	5840	7180	5840	32	6080	4540	4120	4850
						12	2.9	3160	2900	3570	2900	2.6	3000	2240	2040	2400
						145A8	42	6960	6390	7860	6390	38	6610	4930	4490	5290
16.9-24	W15L					12	2.6	3540	3250	4000	3250	2.5	3510	2620	2380	2800
		429 16.9	1309 51.5	589 23.2	3855 151.8	149A8	38	7800	7160	8810	7160	36	7730	5770	5240	6170
17.5L-24	W15L W14L					8	1.7	2650	2430	2990	2430	1.5	2510	1870	1700	2000
		444 17.5	1240 48.8	551 21.7	3623 142.6	139A8	25	5840	5350	6590	5350	22	5530	4120	3740	4410
						10	2.2	3050	2800	3440	2800	2	2880	2150	1960	2300
						144A8	32	6720	6170	7580	6170	29	6340	4740	4320	5070
18.4-24	W16L W15L	467 18.4	1375 54.1	605 23.8	3992 157.2	12	2.5	4220	3875	4770	3875	2.3	3990	2980	2710	3190
						155A8	36	9300	8540	10510	8540	33	8790	6560	5970	7030

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		SW	OD				Industrial Use				Agricultural Use					
							Infl.	Constant load		Cyclic Applic		Infl.	Road Transport			Field
mm in	mm in	mm in	mm in	mm in	bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6		
19.5L-24	W17L	495	1314	580	3823	12	2.3	3760	3450	4240	3450	2.1	3550	2650	2410	2840
	W16L	19.5	51.7	22.8	150.5	151A8	33	8280	7600	9340	7600	30	7820	5840	5310	6260
21L-24	DW18L W18L	533 21	1377 54.2	605 23.8	3995 157.3	10	1.8	3650	3350	4120	3350	1.5	3080	2300	2090	2460
						150A8	26	8040	7380	9070	7380	22	6780	5070	4600	5420
						12	2.2	4220	3875	4770	3875	1.9	3550	2650	2410	2840
						155A8	32	9300	8540	10510	8540	28	7820	5840	5310	6260
						16	2.8	4910	4500	5540	4500	2.5	4120	3075	2800	3290
						160A8	41	10810	9910	12200	9910	36	9070	6770	6170	7250
18.4-26	DW16A W16L W15L	467 18.4	1425 56.1	628 24.7	4142 163.1	10	2	2980	3650	4490	3650	1.8	2550	2650	2410	2840
						153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
						12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210
						156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
18.4-28	W16L	467 18.4	1477 58.1	655 25.8	4310 169.7	12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
							36	9910	9090	11170	9090	32	9070	6770	6170	7250
16.9-30	W15L W14	440 17.3	1470 57.9	664 23.1	4339 170.8	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680
						149A8	32	7800	7160	8810	7160	29	7380	5510	5020	5900

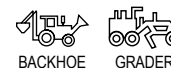
Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pres-sure	Recommended Load														
		SW	OD					Speed														
				Non Cyclic applications													Cyclic Operations					
				bar	NaN		Static	5	10	15	20	25	30	35	40	45			50			
				mm	mm		mm	mm	bar	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
19.5L-24IND	DW16L	495	1314	593	3924	10	1.9	3290	7073	5228	4613	4121	3782	3413	3290	3167	3075	2952	2798	2.375	5228	4766
	DW16	19.5	51.7	23.3	154.5	147A8	28	7250	15590	11530	10170	9090	8340	7520	7250	6980	6780	6510	6170	34	11530	10510
	W16																					

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)							
				Drive wheel				Free rolling							
				mm in	mm in			mm in	mm in	bar psi	10 kmph	20 kmph	30 kmph	40 kmph	10 kmph
16.5/85-24	W13 W14L W15L	417	1322	593	4003	16	3.8	5640	4990	4375	3875	8130	7180	6300	5600
		16.4	52	23.3	157.6	172A6 (168A8)	55	12430	11000	9650	8540	17920	15830	13890	12350
						159A6 (155A8)									

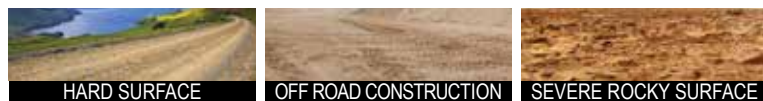
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
				Constant Load								
				mm in	mm in		mm in	mm in	bar psi	Static kmph	10 kmph	20 kmph
16.9-28IND	W15L	440	1410	661	4282	12	2.6	8170	4440	3870	3690	3550
	W14L	17.3	55.5	26	168.6	152A8	38	18010	9790	8530	8140	7830

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommend load				
		SW	OD					Speed				
				Backhoe Loader								
		mm in	mm in	mm in	mm in		bar psi	Static kmph	10 kmph	20 kmph	30 kmph	40 kmph
16.9-28 IND	W15L	429	1410	620	4185	12	2.6	8170	4440	3870	3690	3550
	W14L	16.9	55.5	24.3	162.2	152A8	38	18010	9790	8530	8140	7830
16.9-28IND	W15L	429	1410	616	4120	12	2.6	8170	4440	3870	3690	3550
	W14L	16.9	55.5	24.4	164.8	152A8	38	18010	9790	8530	8140	7830

302 E-2/G-2/L-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	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		SW	OD				Industrial Use					Agricultural Use				
							Infi.	Constant load		Cyclic Applic		Infil.	Road Transport			Field
							bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6
14.9-28	W13	378	1343	606	3962	12	3.1	3430	3150	3870	3150	2.7	3160	2360	2150	2530
	W12	14.9	52.9	23.9	156	148A8	45	7560	6940	8520	6940	39	6960	5200	4740	5570
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070

HI TRACTION 321 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 Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Static	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31	
10.5/80-18	9	277	910	410	2680	10	3.7	3600	2030	1700	1600	1540	1480	1430	1390	1360	
		10.9	35.8	16.1	105.5	119 B	54	7930	4470	3740	3520	3390	3260	3150	3060	3000	
12.5/80-18	9					10	3.7	4510	2530	2130	2010	1920	1850	1790	1730	1700	
						126 B	54	9930	5570	4690	4430	4230	4070	3940	3810	3740	
		308	987	465.30	3021	12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850	
		11	12.1	38.9	18.3	118.9	129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070
						16	4.9	5775	3250	2725	2570	2465	2375	2290	2220	2180	
						135B	71	12730	7165	6010	5665	5435	5235	5050	4895	4805	
10.5-20	9	270	955	433	2830	10	3.75	3840	2160	1810	1710	1640	1580	1520	1480	1450	
		10.6	37.6	17	111.4	122B	54	8460	4760	3990	3770	3610	3480	3350	3260	3190	
12.5-20	11	325	1040	475	3090	12	3.5	4900	2760	2310	2180	2090	2020	1940	1890	1850	
		12.8	40.9	18.7	121.7	122B	51	10790	6080	5090	4800	4600	4450	4270	4160	4070	
12.5/80-18 HD	9	308	987	440	2890	12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850	
		11	12.1	38.9	17.3	113.8	129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070

321 BACKHOE & IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
				Free rolling					Drive Wheel							
		mm in	mm in	mm in	mm in		Load index	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
		speed Sym														
10.5/80-18	9						131A8									
		277 10.9	910 35.8	410 16.1	2683 105.6	127 B	3.7	2730	2320	1950	1760	1900	1620	1360	1220	
						119A8	54	6010	5110	4300	3880	4190	3570	3000	2690	
						115 B										

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	mm in	mm in		Load index	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31		
		speed Sym																
12.5/80-18	9 11	308 12.1	987 38.9	465.30 18.3	2891 113.8	10	139A8											
							134 B	3.7	3400	2890	2430	2190	2380	2020	1700	1530		
							126A8	54	7490	6370	5350	4820	5240	4450	3740	3370		
							123 B											
						12	142A8											
							138 B	3.7	3710	3150	2650	2390	2590	2200	1850	1670		
							129A8	54	8170	6940	5840	5260	5700	4850	4070	3680		
							125 B											
10.5-20	9	270 10.6	955 37.6	433 17	2827 111.3	10	133A8											
							129 B	3.75	2880	2450	2060	1850	2030	1730	1450	1310		
							121A8	54	6340	5400	4540	4070	4470	3810	3190	2890		
							118 B											
12.5-20 NHS	11	325 12.8	1040 40.9	475 18.7	3093 121.8	12	138A8											
							134 B	3.5	3710	3150	2650	2390	2590	2200	1850	1670		
							125A8	51	8170	6940	5840	5260	5700	4850	4070	3680		
							122 B											

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)
		SW	OD					Backhoe Application Speed, km/h (mph)
		mm in	mm in	mm in	mm in	bar psi	50 31	
12.5/80-18	9	308	987	465	3031	10	3.1	1700
		12.1	38.9	18.3	119.3	126B	45	3750
12.5/80-18	9	308	987	465	2966	12	3.7	1850
	11	12.1	38.9	18.3	116.8	129B	54	4079

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in				mm in	mm in	Speed Symbol	bar psi	Static	10 6	20 12	25 16	30 19	35 22
12.5/80-18	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	12730	7170	6010	5670	5430	5240	5050	4890	4810
12.5-20NHS	11	325	1040	487	3108	12	3.5	4900	2760	2310	2180	2090	2020	1940	1890	1850
		12.8	40.9	19.2	122.4	122B	51	10800	6090	5090	4810	4610	4450	4280	4170	4080

TOUGH-TRAC 325

R-4



HEAT RESISTANT COMPOUND



BACKHOE



UTILITY TRACTOR



COMPACT 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.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



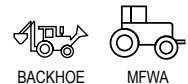
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl press	Recommend load, kg (lbs)				
								Speed, km/h (mph)				
								Mixed application				
		mm in	mm in					mm in	mm in	Static	10 6	25 16
280/80-18	W9	282	905	411	2681	132A8	4	4600	2500	2120	2080	2000
		11.1	35.6	16.2	105.6		58	10140	5510	4675	4585	4410
						145A8	5.6	6670	3625	3075	3015	2900
							81	14705	7992	6779	6647	6393
340/80-20	11	340	1045	473	3088	144A8	4	6440	3500	2970	2910	2800
		13.4	41.1	18.6	121.6		58	14190	7710	6540	6410	6170
400/80-24	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
400/80-24IND	DW13	404	1250	568	3725	162A8	5	10930	5940	5040	4940	4750
Steel Belted		15.9	49.2	22.4	146.7		73	24100	13100	11110	10890	10470

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl press	Recommend load, kg (lbs)				
								Speed, km/h (mph)				
								Mixed application				
		SW	OD					Static	10 6	25 16	30 19	40 25
440/80-24	DW14L	460	1328	603	3933	168A8	5	12880	7000	5940	5820	5600
		18.1	52.3	23.7	154.8		73	28370	15420	13080	12820	12330
440/80-24IND Steel Belted	DW14L	441	1314	597	3892	168A8	5	12880	7000	5940	5820	5600
		17.4	51.7	23.5	153.2		73	28370	15420	13080	12820	12330

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl press	Recommend load, kg (lbs)					
								Speed, km/h (mph)					
								Backhoe Loader Application					
		SW	OD					10	20	25	30	40	Static
400/80-24IND	DW13,	404	1250	575	3798	162A8	5	5938	5178	5035	4940	4750	10925
(15.5/80-24IND)	DW14L	15.9	49.2	22.6	149.5		73	24085	13091	11416	11100	10891	10472

500

R-4



Alliance 500 is a modern radial tire for industrial tractors. The tire displays high traction, braking, mileage, riding comfort in transport applications and better resistance to the penetration of sharp objects. All this is achieved by a radial nylon casing, a tough rayon belt, trash shields and a unique self-cleaning tread design.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load					Cyclic Applications			
							mm in	mm in	mm in	mm in	mm in	Static	10 6	30 19	40 25	50 31
17.5LR24	W15L W14L	445 17.5	1240 48.8	549 21.6	3615 142.3	**	1.8	5590	3040	2480	2430	2210	3650	2600	2430	2210
						139A8	26	12310	6700	5460	5350	4870	8040	5730	5350	4870
						145A8	2.5	6670	3630	2960	2900	2640	4350	3100	2900	2640
							36	14690	8000	6520	6390	5810	9580	6830	6390	5810
						150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
							44	16980	9230	7530	7380	6720	11080	7890	7380	6720

211

F-3



Alliance 211 is specifically engineered for the front tires of two-wheel drive backhoes. The 211 provides exceptional tread life. The tire displays good load distribution and wide footprint for high stability.



Size	Type	PR	RIM	OD	SW	RC	SLR	LCC@AP	SP
			Inches	mm in	mm in	mm in	mm in		
11L-15	TL	8	8LB	770	279	2362	363	1060@360	40
				30.3	11.0	93.0	14.3	2340@52	25
11L-15SL	TL	10	8LB	770	274		352	1061 @360	40
				30.3	10.8		13.9	2339 @52	25
11L-16	TL	10	8LB	793	279	2438	373	1120@360	40
				31.2	11.0	96.0	14.7	2470@52	25
11L-16SL	TL	12	8LB	793	274		364	1252 @440	40
				31.2	10.8		14.3	2760 @64	25
	TL	10	8.0x16	803	279	2369	368	1120@3.6	40
				31.6	11	93.3	14.5	2469@52	25

239 F-3



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.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



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					All surfaces		Improved surfaces					
		mm in	mm in				Static	10 6	20 12	30 19	40 25	50 31	70 44	90 56	
14-17.5	10.5					10	4.8	4470	3160	2730	2570	2460	2380	2270	2180
						135G	70	9850	6960	6010	5660	5420	5240	5000	4800
						14	6.9	5590	3950	3410	3220	3080	2970	2830	2725
						143G	100	12310	8700	7510	7090	6780	6540	6230	6000

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.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



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								Cyclic Applications			
				mm in	mm in			mm in	mm in	Static	10 6	25 12	30 19	40 25	50 31
340/80R18IND (12.5/80R18IND)	11 W11 W10 12SDC 11SDC 12	345	1001	454.1	2975	143A8	4	6270	3410	2890	2830	2725	2725	4090	3650
		13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	6240	6010	6010	9020	8050
400/70R18IND (16.0/70R18IND)	13 12 12SDC 13.00	404	1017	460.8	3026	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
		15.9	40	18.1	119.1	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
340/80R20IND (12.5R20IND)	11 W11 W10	343	1052	472	3126	144A8	4	6440	3500	3050	2910	2800	2800	4200	3750
		13.5	41.4	18.6	123.1	144B	58	14200	7720	6720	6420	6170	6170	9260	8270
400/70R20IND (16/70R20IND)	W13 W12 12SDC 13SDC W14L	404	1067	485.4	3237	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
		15.9	42	19.1	127.4	149B	58	16490	8950	7960	7670	7170	7170	10760	9610
400/80R24IND (14.9R24IND)	W12 W13 W14L DW12 DW13 DW14L	404	1250	567.1	3752	162A8	5	10930	5940	5180	4940	4750	4750	7130	6370
		15.9	49.2	22.3	147.7	162B	73	24100	13100	11420	10890	10470	10470	15720	14040
440/80R24IND (16.9R24IND)	DW14L DW15L 14 TW14L	441	1314	592	3936	161A8	4	10640	5780	4900	4810	4625	4625	6940	6200
		17.4	51.7	23.3	155	161B	64	25350	13780	11680	11460	11020	11020	16540	14770
460/70R24	DW15L DW14L DW16L 14 16 TW14L	471	1242	560	3704	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
		18.5	48.9	22	145.8	159B	58	22180	12060	10710	10320	9650	9650	14460	12920
500/70R24IND	DW16L DW15L 16	497	1310	590.7	3920	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
		19.6	51.6	23.3	154.3	164B	58	25350	13780	12240	11800	11020	11020	16540	14770
540/70R24IND	DW18L DW16L	1366	540	598	4080	168A8	4	12880	7000	6100	5820	5600	5600	8400	7500
		53.8	21.3	23.6	160.6	168B	58	28370	15420	13440	12820	12330	12330	18500	16520
480/80R26IND	W16L W15L DW16L	484	1428	641.2	4258	167A8	4	12540	6810	5940	5670	5450	5450	8180	7300
		19.1	56.2	25.2	167.6	167B	58	27650	15010	13100	12500	12020	12020	18030	16090
440/80R28IND (16.9R28IND)	DW13L DW14L DW15L	1415	441	632.7	4276	163A8	4	11210	6090	5310	5070	4875	4875	7310	6530
		55.7	17.4	24.9	168.3	163B	58	24690	13410	11700	11170	10740	10740	16100	14380

321 PLUS

R-4



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	PR & LI	Type	Rim	OD	SW	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
				mm in	mm in	mm in	mm in	kg lbs	bar psi	kmph mph
12.5/70-16	14	TL	10LBx16	855	315	2562	395	2240	4.4	10
	136A2			33.7	12.4	100.9	15.6	4938	64	6
15.5/60-18	14	TL	W13x18	950	400	2867	431.5	2900	3.6	10
	145A2			37.4	15.7	112.9	17	6393	52	6
15.5/70-18	14	TL	W13 X 18	1030	400	3220	450.8	3250	3.7	10
	149A2			40.6	15.7	126.8	17.7	7165	53	6
17.5/65-20	14	TL	W14Lx20	1090	450	3378	500.4	3875	3.3	10
	155A2			42.9	17.7	133	19.7	8543	48	6
380/80-24IND (14.9-24IND)	12	TL	DW13 X 24	1241	378	3790	581.3	2900	2.9	40
	145A8			48.9	14.9	149.2	22.9	6393	42	25
440/80-24 (16.9-24)	12	TL	DW15L X 24	1309	440	3933	602.5	3250	2.6	40
	149A8			51.5	17.3	154.8	23.7	7165	38	25
480/80-24 (18.4-24)	12	TL	DW16L X 24	1375	467	4216	607.2	3875	2.5	40
	155A8			54.1	18.4	166	23.9	8543	36	25
480/80-26 (18.4-26)	12	TL	DW16L X 26	1426	467	4212	643.9	4000	2.5	40
	156A8			56.1	18.4	165.8	25.4	8818	36	25
440/80-28 (16.9-28)	12	TL	W15Lx28	1410	440	4311	642.7	3550	2.6	40
	152A8			55.5	17.3	169.7	25.3	7826	38	25

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs) Speed, km/h (mph)											
								Drive Wheel						Free Rolling					
		SW	OD					mm	mm	bar	Static	10	20	25	30	40	Static	10	20
		mm	mm																
		in	in	in	in		psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
12.5/80-18	W9	312 12.3	995 39.5	439.9	2962	12	3.7	4260	2310	2020	1960	1920	1850	6100	3310	2890	2810	2760	2650
				17.3	116.6	129A8	54	9390	5090	4450	4320	4230	4080	13450	7300	6370	6200	6090	5840
						142A8													
						16	4.9	5010	2730	2380	2310	2270	2180	7250	3940	3430	3340	3280	3150
				443.7	2986	135A8	71	11050	6020	5250	5090	5000	4810	15980	8690	7560	7360	7230	6950
				17.5	117.6	148A8													

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	PR & LI	TYPE	RIM	O.D.	S.W.	RC	Loaded Static Radius	Recommend- ed Load	Inflation Pressure	Speed
				mm in	mm in	mm in	mm in	kg lbs	bar psi	kmph mph
12.5/80-18NHS	14	TL	W9	965	305	2819	432	2000	4.3	40
	132A8			38	12	111	17	4409	62	25
18.4-26 IND	14	TL	W16	1427	470	4191	643	4500	2.9	39
				56.2	18.5	165	25.3	9921	42	24
16.9-28 IND	14	TL	DW15L X 28	1412	434	4216	636	3875	3	40
				55.6	17.1	166.0	25.0	8543	44	25

606

R-4

WRC

SB

WEAR RESISTANT
COMPOUND

STEEL
BELTED



COMPACT
LOADER



BACKHOE



WHEEL
LOADER



DOZER



ARTICULATED
DUMP TRUCK



DUMP TRUCK

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 it's advantages.



HARD SURFACE



TOUGH TERRAIN



OFF ROAD CONSTRUCTION



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR	Inflation Pres-sure	Recommended Load						
		Speed												
		Backhoe Loader												
		SW	OD	mm	mm	Sym-bols	bar	15	20	25	30	40	50	60
		mm	mm					kmph	kmph	kmph	kmph	kmph	kmph	kmph
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph		
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	5230	5140	5050	4960	4810	4670	4390
365/70R18EM	11 W11, 13	400	1000	434	2902	146A2	3.75	2440	2400	2350	2310	2250	2180	2050
		15.7	39.4	17.1	114.3	135B	54	5380	5290	5180	5090	4960	4810	4520
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	6350	6240	6130	6020	5840	5680	5340
335/80R20EM (12.5R20)	11 11SDC 12 12SDC	366	1076	468	0	147A2	3.75	2510	2460	2420	2370	2310	2240	2110
		14.4	42.4	18.4	0	136B	54	5530	5420	5340	5230	5090	4940	4650
365/80R20EM	11 11SDC, 12 12SDC	400	1127	484	0	153A2	3.75	2880	2830	2780	2730	2650	2575	2270
		15.7	44.4	19.1	0	141B	54	6350	6240	6130	6020	5840	5680	5000
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	6720	6610	6480	6370	6200	6010	5640
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	7410	7280	7140	7010	6810	6610	6220
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	9260	9110	8930	8770	8510	8270	7780

TELEHANDLER



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.

580 MPT



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	bar psi	10 6	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56	
340/80R20MPT	11	343	1052	492	3200	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430
		13.5	41.4	19.4	126		65	9630	8040	6700	6150	5990	5880	5730	5570	5350
425/75R20MPT	13	427	1138	516	3449	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150
		16.8	44.8	20.3	135.8		58	12490	10420	8680	7970	7780	7640	7420	7220	6940

580 TELEHANDLER & INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
								Constant load							
								mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31
280/80R16IND (11R16IND)	W8	290	850	359	2531	130A8	3.6	4370	2380	1980	1900		2850	2550	
		11.4	33.5	14.1	99.6		52	9630	5250	4370	4190		6280	5620	
280/80R18 (10.5R18) IND	W8	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680
	W10	11.1	35.6	16.5	109.1	132B	58	10130	5510	4890	4710	4410	4410	6610	5900
300/75R18 (12.0R18) IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550
		11.6	35.7	16.5	106.2	142B	73	13450	7300	6480	6260	5840	5840	8770	7830
340/80R18 (335/80R18) (12.5R18) IND	11														
	12														
	11SDC	350	1001	453	3022	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650
	12SDC	13.8	39.4	17.8	118.9	143B	58	13810	7510	6650	6430	6000	6000	9010	8040
	W10														
400/70R18IND	W11														
	W12	404	1017	461	3073	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
	W12	15.9	40	18.1	121	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
	W9														
280/80R20 (10.5R20) IND	W8	282	956	436	2993	133A8	4	4740	2580	2290	2200	2060	2060	3090	2760
	W10	11.1	37.6	17.1	117.8	133B	58	10440	5680	5040	4850	4540	4540	6810	6080
	W12														
	W11	380	1078	485.4	3121	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220
380/75R20 (14.5R20) IND	11	15	42.4	19.1	122.8	148B	58	15970	8680	7710	7420	6940	6940	10420	9300
	12														
400/70R20 IND	W13														
	W12	404	1068	487.3	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	12SDC	15.9	42	19.1	127.5	149B	58	16480	8940	7950	7670	7160	7160	10750	9600
	13SDC														
425/75R20 (16.5R20) IND	W14L														
	13	420	1138	511	3449	154A8	4	8630	4690	4160	4010	3750	3750	5630	5030
	11	16.5	44.8	20.1	135.8	154 B	58	19010	10330	9160	8830	8260	8260	12400	11080
	12														
	12SDC					160A8	4.8	10350	5630	5000	4820	4500	4500	6750	6030
	13SDC					160B	70	22800	12400	11010	10620	9910	9910	14870	13280
	14														
405/70R24 IND	13	404	1170	538	3521	152A8	4	8170	4440	3940	3800	3550	3550	5330	4760
	12	15.9	46.1	21.2	138.6	152B	58	18000	9780	8680	8370	7820	7820	11740	10480

580 TELEHANDLER & INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
								Constant load							
								Static	10 6	25 16	30 19	40 25	50 31		
440/80R24 (16.9R24) IND	DW14L														
	DW15L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
	14	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660
	TW14L														
460/70R24 (17.5LR24) IND	DW15L														
	DW14L														
	DW16L	462	1250	572.7	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	14	18.2	49.2	22.5	145.7	159B	58	22160	12050	10700	10310	9640	9640	14450	12910
500/70R24 (19.5LR24) IND	16														
	TW14L														
	DW16L	505	1308	600	3983	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.9	51.5	23.6	156.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760
480/80R26 (18.4R26) IND	DW15	479	1428	634	4248	160A8	3.2	10350	5630	5000	4820	4500	4500	4750	6030
	DW16	18.8	56.2	25	167.2	160B	46	22800	12400	11010	10620	9910	9910	14870	13280
440/80R28 (16.9R28) IND	DW14Lx28	441	1415	644	4247	156A8	3.2	9200	5000	4360	4160	4000	4000	6000	5360
		18.1	55.5	25.3	164.7	156B	46	20283	11020	9612	9171	8818	8818	87024	11817
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
		DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520

570

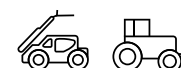
R-4

HRC

C+C

HEAT RESISTANT
COMPOUND

CUT&CHIP RESISTANT
COMPOUND



TELEHANDLER

MFVA

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.



HARD SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Transport						Loading									
		10	20					30	40	50	Static	1	5	10			
		6	12					19	25	31		1	3	6			
405/70R20	13	421	1080	495	3291	143B	3.75	3870	3520	3160	2970	2725	6200	5040	4380	3875	
		16.6	42.5	19.5	129.6	155A2	54	8520	7750	6960	6540	6000	13660	11100	9650	8540	

570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in				mm in	mm in	bar psi	10 6	20 12	30 19	40 25	50 31	60 37	70 44
405/70R20 MPT	13	421	1080	492	3291	136G	4	4030	3360	2800	2580	2510	2460	2400	2330	2240
		16.6	42.5	19.5	129.6		58	8880	7400	6170	5680	5530	5420	5290	5130	4930
445/70R24	DW15L	445	1234	564	3670	151G	4	6210	5180	4310	3970	3860	3800	3690	3590	3450
	DW14L	17.5	48.6	22.2	144.5		58	13680	11410	9490	8740	8500	8370	8130	7910	7600
	W14L															
495/70R24	16	499	1304	588	3845	155G	4	6980	5810	4840	4460	4340	4260	4150	4030	3875
		19.6	51.3	23.1	151.4		58	15370	12800	10660	9820	9560	9380	9140	8880	8540

570 INDUSTRIAL TRACTOR

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					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
425/55R17	13	425	890	395	2663	142A8	4	6100	3980	2840	2650	2650	4640	2920	2650	2650
		16.7	35	15.6	104.8	142B	58	13440	8770	6260	5840	5840	10220	6430	5840	5840

570 TRACTOR

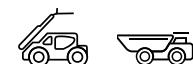
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Constant load					Cyclic Applications							
				mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19	40 25	50 31	10^ 6	30 19	40 25
425/55R17	13	425	890	395	2663	140A8	3.5	5750	3750	2680	2500	2500	4380	2750	2500	2500
		16.7	35	15.6	104.9	140 B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510
19.5LR24	W16L W15L	495 19.5	1320 52	600 23.6	3912 154	149A8	2.5	7480	4060	3320	2960	4880	3480	3250	2960	
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
						156A8	3	9200	5000	4080	3640	6000	4280	4000	3640	
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445 17.5	1250	573	3727	150A8	3	7710	4190	3420	3050	5030	3580	3350	3050	
			49.2	22.55	146.7	150B	44	16980	9230	7530	6720	11080	7890	7380	6720	
			1245 49	564 22.2	3797 149.5	159A8	4	10060	5470	4680	4000	6560	4680	4375	4000	
						159B	58	22160	12050	10310	8810	14450	10310	9640	8810	
400/70-20	11	413	1093	505	3272	150B	4	8400	4625	3800	3650	5480	3910	3650	3320	
	13	16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	12070	8610	8040	7310	
17.5L-24	W15L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	5030	3580	3350	3050	
	W14L	17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	11080	7890	7380	6720	
						147B										

TRACTION INDUSTRIAL

I-3

C+C

CUT&CHIP RESISTANT COMPOUND



TELEHANDLER DUMP TRUCK

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.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION

323 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load, kg (lbs)				
									Speed, km/h (mph)				
		SW	OD						10 6	20 12	30 19	40 25	50 31
		mm in	mm in	mm in	mm in								
405/70-20 16.0/70-20	13	407 16	1076 42.4	496 19.5	3160 124.4	14	149B	3.5	5200	4030	3705	3575	3250
				481.3 18.9		16	152B	4	5680	4400	4045	3905	3550
								58	12520	9700	8915	8610	7825
405/70-24 16.0/70-24	13	407 16	1178 46.4	546 21.5	3460 136.2	14	152B	4	5680	4400	4045	3905	3550
								58	12520	9700	8915	8610	7825



585 R-4

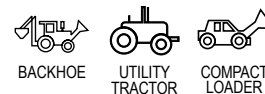


Alliance 585 is the perfect choice for telehandlers, backhoes and compact loaders toiling on agriculture fields and construction sites. The large multi-directional block tread design and higher tread depth ensures long life and exceptional performance on hard surfaces. Efficiency and productivity is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



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Constant load						Cyclic Applications	
				mm in	mm in		mm in	mm in	bar psi	Static	10 6	25 12	30 19	40 25	50 31
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
340/80-18IND (12.5/80-18IND)	11 W11 W10 12SDC 11SDC 12	345	1001	454.1	2975	143A8	4	6270	3410	2890	2830	2725	2725	4090	3650
		13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	6240	6010	6010	9020	8050
400/70R18IND (16.0/70R18IND)	13 12 12SDC 13.00	404	1017	460.8	3026	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
		15.9	40	18.1	119.1	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
340/80R20IND (12.5R20IND)	11 W11 W10	343	1052	472	3126	144A8	4	6440	3500	3050	2910	2800	2800	4200	3750
		13.5	41.4	18.6	123.1	144B	58	14200	7720	6720	6420	6170	6170	9260	8270
400/70R20IND (16/70R20IND)	W13 W12 12SDC 13SDC W14L	404	1067	485.4	3237	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
		15.9	42	19.1	127.4	149B	58	16490	8950	7960	7670	7170	7170	10760	9610
400/80R24IND (14.9R24IND)	W12 W13 W14L DW12 DW13 DW14L	404	1250	567.1	3752	162A8	5	10930	5940	5180	4940	4750	4750	7130	6370
		15.9	49.2	22.3	147.7	162B	73	24100	13100	11420	10890	10470	10470	15720	14040
440/80R24IND (16.9R24IND)	DW14L DW15L 14 TW14L	441	1314	592	3936	161A8	4	10640	5780	4900	4810	4625	4625	6940	6200
		17.4	51.7	23.3	155	161B	64	25350	13780	11680	11460	11020	11020	16540	14770
460/70R24	DW15L DW14L DW16L 14 16 TW14L	471	1242	560	3704	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
		18.5	48.9	22	145.8	159B	58	22180	12060	10710	10320	9650	9650	14460	12920
500/70R24IND	DW16L DW15L 16	497	1310	590.7	3920	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
		19.6	51.6	23.3	154.3	164B	58	25350	13780	12240	11800	11020	11020	16540	14770
540/70R24IND	DW18L DW16L	1366	540	598.4	4080	168A8	4	12880	7000	6100	5820	5600	5600	8400	7500
		53.8	21.3	23.6	160.6	168B	58	28370	15420	13440	12820	12330	12330	18500	16520
480/80R26IND	W16L W15L DW16L	484	1428	641.2	4258	167A8	4	12540	6810	5940	5670	5450	5450	8180	7300
		19.1	56.2	25.2	167.6	167B	58	27650	15010	13100	12500	12020	12020	18030	16090
440/80R28IND (16.9R28IND)	DW13L DW14L DW15L	1415	441	632.7	4276	163A8	4	11210	6090	5310	5070	4875	4875	7310	6530
		55.7	17.4	24.9	168.3	163B	58	24690	13410	11700	11170	10740	10740	16100	14380

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	Infl press	Recommend load, kg (lbs)				
								Speed, km/h (mph)				
								Mixed application				
		mm in	mm in				mm in	mm in	Bar psi	Static	10 6	25 16
440/80-24IND (16.9/80-24IND)	14	441 17.4	1314 51.7	603 23.7	3971 156.3	168A8	5 73	12880 28400	7000 15430	5940 13100	5820 12830	5600 12350



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	PR Load Index Speed Symbol	Infl. press.	Recommended Load	
		SW	OD					Speed	
		mm in	mm in					10 kmph	50 kmph
335/80R18IND (12.5R18IND)	11 SDC11, 12 SDC12	343	992	469	2955	147A8	3.75	3075	2240
		13.5	39.1	18.5	116.3	136B	54	6780	4940
365/80R20IND (14.5R20IND)	11	360	1092	478	3326	153A2	3.75	3650	2575
		14.2	43	18.8	130.9	141B	54	8050	5680
405/70R24IND (16/70R24IND)	W13	407	1178	543	3552	158A2	3.7	4250	3000
		16	46.4	21.4	139.8		54	9370	6610

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended Load	
		SW	OD					Speed	
		mm in	mm in					10 kmph	50 kmph
460/70R24IND (17.5LR24IND)	W15	455	1254	557	3635	165A2	4	5150	3750
		17.9	49.4	21.9	143.1	154B	58	11350	8270
405/70R18 IND (16/70R18 IND)	13X18	407	1025	461	3097	153A2	3.75	3650	2575
		16	40.4	18.1	121.9	141B	54	8050	5680

Size	PR & LI	TYPE	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Recommended Load kg	Infl. press.	Speed
				SW	OD					
				mm in	mm in					
365/70R18 IND	146	TL	11	360	969	433	2922	3000	54	10
				14.2	38.1	17	115	6614	783	6

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended Load						
		SW	OD					Speed						
								Static	15	20	25	30	40	50
405/70R18	13	407	1024	450	3084	141B	3.75	6095	2880	2830	2780	2730	2650	2575
	13SDC 12 11 W14L DW14L	16	40.3	17.7	121.4		54	13440	6350	6240	6130	6020	5840	5680
365/80R20	11 11SDC 12 12SDC	360	1092	482	3304	141B	3.75	6095	2880	2830	2780	2730	2650	2575
		14.2	43	19	130.1		54	13440	6350	6240	6130	6020	5840	5680
405/70R20IND (16/70R20IND)	13 13SDC	407	1076	491	3265	143B	3.75	6460	3050	3000	2940	2890	2810	2725
		16	42.4	19.3	128.5		54	14240	6720	6610	6480	6370	6200	6010

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended Load						
								Speed						
		Constant load application												
		Static	15				20	25	30	40	50			
		SW mm in	OD mm in	mm in	mm in		bar psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph
335/80R20 (12.5R20)	11	339	1044	469	2955	136B	3.75	5150	2510	2460	2420	2370	2310	2240
		13.3	41.1	18.5	116.3		54	11350	5530	5420	5340	5230	5090	4940

317

R-1

WRC

WEAR
RESISTANT
COMPOUND

HRC

HEAT
RESISTANT
COMPOUND



UTILITY
TRACTOR 4WD



UTILITY
TRACTOR MFWA



COMPACT
LOADER



BACKHOE



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	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load						
								Speed						
		Drive Wheel/ Free rolling												
		SW	OD						bar	Static	15	20	30	40
		mm	mm	mm	mm		mm	mm	PSI	kmph	kmph	kmph	kmph	kmph
in	in	in	in	in	in									
10.0/75-15.3 IND	9.00						4.7	2810	2190	1940	1700	1550		
		260	775	360	2334	12	68	6200	4830	4280	3750	3420		
		10.2	30.5	14.2	91.9	126A6 115A6	5.6	2810	2628	2328	2040	1860		
							81	6200	5790	5130	4500	4100		

A compact wheel loader is shown in a black and white photograph, positioned on a dirt path in a forest. The loader is facing left, with its front bucket slightly raised. The background consists of many thin, vertical tree trunks. The entire image is overlaid with a semi-transparent red filter. Two large, solid black diagonal bars are present: one in the upper right corner and another in the lower left corner, creating a dynamic, geometric composition.

**COMPACT WHEEL LOADER
UTILITY TRACTOR AND
OTHER INDUSTRIAL &
CONSTRUCTION**

COMPACT WHEEL LOADER

606

R-4



WEAR RESISTANT
COMPOUND



STEEL
BELTED



COMPACT
LOADER



BACKHOE



WHEEL
LOADER



DOZER



ARTICULATED
DUMP TRUCK



DUMP TRUCK

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 it's advantages.



HARD SURFACE



TOUGH TERRAIN



OFF ROAD CONSTRUCTION



606 EARTH MOVER - COMPACT MACHINERY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)					Speed, km/h (mph)				
								mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6	25 16
335/80R18	11	371	984	443	2900	145A2	3.75	4640	3280	2900	2470	4.5	5220	4210	3920	3630	
		14.6	38.7	17.4	114.2		54	10220	7220	6390	5440	65	11500	9270	8630	8000	
365/70R18	11	400	1000	440	2902	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750	
	13	15.7	39.4	17.3	114.2		54	10570	7470	6610	5620	65	11890	9580	8920	8260	
405/70R18	13 13SDC																
	12																
	11	452	1070	461	3070	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560	
		17.8	42.1	18.1	120.9		54	12860	9070	8040	6830	65	14470	11650	10860	10040	
	W14L																
	DW14L																
12.5R20 EM	11					147A2											
	11SDC	366	1076	474	3130		3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840	
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460	
	12SDC																
16/70R20 EM	13 13SDC																
	12																
	11	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840	
		16.8	42.4	18.6	123.2		54	13660	9650	8540	7250	65	15370	12380	11520	10660	
	W14L																
	DW14L																
335/80R20EM	11					147A2											
	11SDC	366	1076	474	3130		3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840	
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460	
	12SDC																
365/80R20EM	11					153A2											
	11SDC	400	1127	493	3260		3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560	
	12	15.7	44.4	19.4	128.3		54	12860	9070	8040	6830	65	14470	11650	10860	10040	
	12SDC																
405/70R20EM	13 13SDC																
	12																
	11	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840	
		16.8	42.4	18.6	123.2		54	13660	9650	8540	7250	65	15370	12380	11520	10660	
	W14L																
	DW14L																
16/70R24 EM	13	452	1223	538	3550	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310	
		17.8	48.1	21.2	139.8		54	14980	10570	9360	7950	65	16850	13570	12640	11700	
17.5/70R24 EM	W14L					165A2											
	13SDC																
	13	502	1299	567	3750		3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440	
	W15L	19.8	51.1	22.3	147.6		54	18150	12820	11340	9650	65	20420	16450	15310	14190	
	DW15L																
	DW14L																
405/70R24EM All Steel	13	425	1180	527	3548	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310	
	13SDC	16.7	46.5	20.7	139.7		54	14980	10570	9360	7950	65	16850	13570	12640	11700	
455/70R24EM All Steel	W14L					165A2											
	13SDC																
	13	473	1247	537.4	3580		3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440	
	W15L	18.6	49.09	21.2	140.9		54	18150	12820	11340	9650	65	20420	16450	15310	14190	
	DW15L																
	DW14L																

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended Load			
								Speed			
		Compact Wheel Loader									
		Static	5				10	25			
		SW mm in	OD mm in	mm in	mm in		bar psi	kmph	kmph	kmph	kmph
335/80R18EM	11x18	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

606 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Symbi	Infl. press	Recommended load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD	mm in	mm in	mm in	mm in	bar psi	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37
335/80R18	11	371	984	443	2900	145A2	3.75									
		14.6	38.7	17.4	114.2	134B	54	2370	2330	2290	2250	2180	2120	2080	1990	1900
						130D										
365/70R18	11	400	1000	440	2902	135B	3.75	2440	2400	2350	2310	2250	2180	2140	2050	1900
	13	15.7	39.4	17.3	114.2	130D	54	5370	5290	5180	5090	4960	4800	4710	4520	4190
405/70R18	13															
	13SDC															
	12	452	1070	461	3070	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2300
	11	17.8	42.1	18.1	120.9	137D	54	6340	6230	6120	6010	5840	5670	5550	5330	5070
	W14L DW14L															
335/80R20	11															
	11SDC	366	1076	474	3130	136B	3.75	2510	2460	2420	2370	2310	2240	2200	2110	1950
	12	14.4	42.4	18.7	123.2	131D	54	5530	5420	5330	5220	5090	4930	4850	4650	4300
365/80R20EM	12SDC															
	11															
	11SDC	400	1127	493	3260	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2240
405/70R20	12	15.7	44.4	19.4	128.3	136D	54	6340	6230	6120	6010	5840	5670	5550	5330	4930
	12SDC															
	13															
	13SDC															
	12	427	1076	466	3090	143B	3.75	3050	3000	2940	2890	2810	2725	2670	2560	2430
16/70R24	11	16.8	42.4	18.3	121.7	139D	54	6720	6610	6480	6370	6190	6000	5880	5640	5350
	W14L DW14L															
	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
405/70R24	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
455/70R24	W14L DW14L															
	13SDC	473	1247	542	3600	154B	3.75	4200	4130	4050	3980	3860	3750	3680	3530	3350
	13	18.6	49.1	21.3	141.7	150D	54	9250	9100	8920	8770	8500	8260	8110	7780	7380
455/70R24	W15L DW15L															

608

R-4

WRC

WEAR RESISTANT
COMPOUND

SB

STEEL
BELTEDCOMPACT
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.



HARD SURFACE



OFF ROAD CONSTRUCTION



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
				Speed, km/h (mph)				Speed, km/h (mph)								
				mm in	mm in			mm in	mm in	bar psi	Static		5 3	10 6	25 16	bar psi
365/70R18	11	360	969	444	2936	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750
	13	14.2	38.1	17.5	115.6		54	10570	7470	6610	5620	65	11890	9580	8920	8260
405/70R18	13	408	1025	450	3084	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560
		16.1	40.4	17.7	121.4		54	12860	9070	8040	6830	65	14470	11650	10860	10040
335/80R20	11	350	1044	465	3148	136B	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840
	11SDC	13.8	41.1	18.3	123.9	147A2	54	10840	7640	6770	5750	65	12200	9820	9140	8460
365/80R20	11SDC	360	1092	482	3304	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560
	12	14.2	43	19	130.1		54	12860	9070	8040	6830	65	14470	11650	10860	10040
	12SDC															
405/70R20	13															
	13SDC															
	12	407	1076	470	3247	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840
	11	16	42.4	18.5	127.8		54	13660	9650	8540	7250	65	15370	12380	11520	10660
	W14L DW14L															
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	16740	11830	10460	8900	65	18830	15180	14120	13080

608 TRANSPORT

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										
		mm in	mm in	mm in	mm in		bar psi	15 9	20 12	25 16	30 19	40 25	50 31
335/80R18	11					136A8							
	W10												
	W11	343	992	445	2985		3.2	2530	2440	2370	2330	2240	2040
	11SDC	13.5	39.1	17.5	117.5		46	5570	5370	5220	5130	4930	4490
365/70R18EM	12					135B							
	12SDC												
405/70R18	11	360	969	444	2936	141B	3.75	2440	2400	2350	2310	2250	2180
	13	14.2	38.1	17.5	115.6		54	5370	5290	5180	5090	4960	4800
	13												
	13SDC												
405/70R18	12	407	1024	450	3084	141B	3.75	2880	2830	2780	2730	2650	2575
	11	16	40.3	17.7	121.4		54	6340	6230	6120	6010	5840	5670
	W14L												
	DW14L												
365/80R20	11	360	3304	482	3300	141B	3.75	2880	2830	2780	2730	2650	2575
	11SDC	14.2	130.1	19	129.9		54	6340	6230	6120	6010	5840	5670
	12												
405/70R20	12SDC					143B							
	13	407	3247	470	3243		3.75	3050	3000	2940	2890	2810	2725
	13SDC	16	127.8	18.5	127.7		54	6720	6610	6480	6370	6190	6000

608 TELEHANDLER

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	load index Speed Sym	Infl. press bar psi	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					10 6	50 31
460/70R24 (17.5LR24IND)	W15	455	1254	557	3635	165A2	4	5150	3750
		17.9	49.4	21.9	143.1	154B	58	11350	8270
405/70R24 (16/70R24)	W13	407	1178	543	3552	158A2	3.7	4250	3000
		16	46.4	21.4	139.8	146B	54	9370	6610

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	load index Speed Sym	Infl. press bar psi	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					Static	15 9	20 12	25 16	30 19	40 25	50 31
405/70R18	13, 13SDC 12, 11 W14L, DW14L	407	1024	450	3084	141B	3.75	6095	2880	2830	2780	2730	2650	2575
		16	40.3	17.7	121.4		54	13440	6350	6240	6130	6020	5840	5680
405/70R20	13 13SDC	407	1076	470	3247	143B	3.75	6460	3050	3000	2940	2890	2810	2725
		16	42.4	18.5	127.8		54	14240	6720	6610	6480	6370	6200	6010

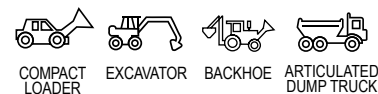
Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	load index Speed Sym	Infl. press bar psi	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					Static	15 9	20 12	25 16	30 19	40 25	50 31
335/80R20 (12.5R20)	11	339	1044	469	2955	136B	3.75	5150	2510	2460	2420	2370	2310	2240
		13.3	41.1	18.5	116.3		54	11350	5530	5420	5340	5230	5090	4940
335/80R18IND (12.5/80R18 IND)	W11x18	339	993	449	2960	136A8	3.2	2530	2440	2370	2330	2240		
		13.3	39.1	17.7	116.5		46	5580	5380	5230	5140	4940		

601 MUD & SNOW

R-4

SC
SPECIAL COMPOUND

SB
STEEL BELTED



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 Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		SW	OD				Constant load				Cyclic Applications					
		mm in	mm in				mm in	mm in	Static	10 6	30 19	40 25	50 31	10^ 6	30 19	40 25
15.5/55R18	11	370	890	395	2686	140A8	3.5	5750	3130	2600	2500	2500	3750	2680	2500	2500
		14.6	35	15.6	105.7	140B	51	12670	6890	5730	5510	5510	8260	5900	5510	5510

326 WIDE GRIP

E-2/L-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.



326 LOADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16
16/70-20EM (405/70-20) EM L-2	13DC max.10PR 13SDC 14PR 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10	3.25	6600	4660	4125	3510	3.9	7430	5980	5570	5160
						157A2	47	14540	10260	9090	7730	57	16370	13170	12270	11370
						14	4.5	8480	5990	5300	4510	5.4	9540	7690	7160	6630
						166A2	65	18680	13190	11670	9930	78	21010	16940	15770	14600
16/70-24EM (405/70-24) EM L-2	13.00 DC	407 16	1178 46.4	577 22.7	3660 144.1	10	3.25	7600	5370	4750	4040	3.9	8550	6890	6410	5940
						162A2	47	16740	11830	10460	8900	57	18830	15180	14120	13080
						14	4.5	9280	6550	5800	4930	5.4	10440	8410	7830	7250
						169A2	65	20440	14430	12780	10860	78	23000	18520	17250	15970
22/70-24 (20-24EM) EM L-2	16.00 T SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	12	3	10400	7350	6500	5530	3.6	11700	9430	8780	8130
						173A2	44	22910	16190	14320	12180	52	25770	20770	19340	17910
						14	3.5	11360	8020	7100	6040	4.2	12780	10300	9590	8880
						176A2	51	25020	17670	15640	13300	61	28150	22690	21120	19560

326 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symbi	Infl. press bar	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40
16/70-20EM (405/70-20) EM E-2	13DC max.10PR 13SDC 14PR 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10										
						141B	2.5	2880	2830	2780	2730	2650	2575	2500	2370	2120
						134D	36	6340	6230	6120	6010	5840	5670	5510	5220	4670
						14										
						149B	3.5	3640	3580	3510	3450	3350	3250	3150	2990	2725
						143D	51	8020	7890	7730	7600	7380	7160	6940	6590	6000
16/70-24EM (405/70-24) EM E-2	13.00 SDC 13DC	407 16	1178 46.4	577 22.7	3660 144.1	10										
						143B	2.5	3050	3000	2940	2890	2810	2725	2640	2510	2300
						137D	36	6720	6610	6480	6370	6190	6000	5810	5530	5070
						14										
						152B	3.5	3980	3910	3830	3760	3660	3550	3440	3270	2900
						145D	51	8770	8610	8440	8280	8060	7820	7580	7200	6390
20-24EM 22/70-24 EM E-2	16.00 T SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	12										
						158B	2.5	4760	4680	4590	4510	4380	4250	4120	3910	3550
						152D	36	10480	10310	10110	9930	9650	9360	9070	8610	7820
						14										
						163B	3	5460	5360	5270	5170	5020	4875	4730	4490	4000
						156D	44	12030	11810	11610	11390	11060	10740	10420	9890	8810

229

R-4



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	PR, Stars Load Index Speed Symbol	Infl. press	Recommend 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	65 40
12.5-18	11	335	1000	462	2960	10PR	3	4485	3220	2535	2245	2065	2030	1970	1950
						131D		9890	7100	5590	4950	4550	4480	4340	4300
12.5-20	11	335	1050	486	3110	10PR	3	4600	3305	2600	2300	2120	2080	2020	2000
						132D		10140	7290	5730	5070	4670	4590	4450	4410

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	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
		Speed, km/h (mph)													
		Constant load						Cyclic Applications							
		SW mm in	OD mm in				mm in	mm in	Static	10 6	25 12	30 19	40 25	50 31	10 44
340/80R18IND (12.5/80R18IND)	11 W11 W10 12SDC 11SDC 12	345	1001	454.1	2975	143A8	4	6270	3410	2890	2830	2725	2725	4090	3650
		13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	6240	6010	6010	9020	8050
400/70R18IND (16.0/70R18IND)	13 12 12SDC 13.00	404	1017	460.8	3026	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
		15.9	40	18.1	119.1	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
340/80R20IND (12.5R20IND)	11 W11 W10	343	1052	472	3126	144A8	4	6440	3500	3050	2910	2800	2800	4200	3750
		13.5	41.4	18.6	123.1	144B	58	14200	7720	6720	6420	6170	6170	9260	8270
400/70R20IND (16/70R20IND)	W13 W12 12SDC 13SDC W14L	404	1067	485.4	3237	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
		15.9	42	19.1	127.4	149B	58	16490	8950	7960	7670	7170	7170	10760	9610
400/80R24IND (14.9R24IND)	W12 W13 W14L DW12 DW13 DW14L	404	1250	567.1	3752	162A8	5	10930	5940	5180	4940	4750	4750	7130	6370
		15.9	49.2	22.3	147.7	162B	73	24100	13100	11420	10890	10470	10470	15720	14040
440/80R24IND (16.9R24IND)	DW14L DW15L 14 TW14L	441	1314	592	3936	161A8	4	10640	5780	4900	4810	4625	4625	6940	6200
		17.4	51.7	23.3	155	161B	64	25350	13780	11680	11460	11020	11020	16540	14770
460/70R24	DW15L DW14L DW16L 14 16 TW14L	471	1242	560	3704	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
		18.5	48.9	22	145.8	159B	58	22180	12060	10710	10320	9650	9650	14460	12920
500/70R24IND	DW16L DW15L 16	497	1310	590.7	3920	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
		19.6	51.6	23.3	154.3	164B	58	25350	13780	12240	11800	11020	11020	16540	14770
540/70R24IND	DW18L DW16L	1366	540	598.4	4080	168A8	4	12880	7000	6100	5820	5600	5600	8400	7500
		53.8	21.3	23.6	160.6	168B	58	28370	15420	13440	12820	12330	12330	18500	16520
480/80R26IND	W16L W15L DW16L	484	1428	641.2	4258	167A8	4	12540	6810	5940	5670	5450	5450	8180	7300
		19.1	56.2	25.2	167.6	167B	58	27650	15010	13100	12500	12020	12020	18030	16090
440/80R28IND (16.9R28IND)	DW13L DW14L DW15L	1415	441	632.7	4276	163A8	4	11210	6090	5310	5070	4875	4875	7310	6530
		55.7	17.4	24.9	168.3	163B	58	24690	13410	11700	11170	10740	10740	16100	14380

UTILITY TRACTOR

580

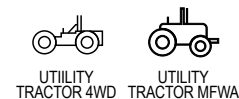
R-4

WRC

SB

WEAR
RESISTANT
COMPOUND

STEEL
BELTED



Alliance 580 is built with unique tread pattern that enable strong grip and high traction 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 slopes, 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.



580 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								mm in	mm in	mm in	mm in	10 6	20 12	30 19	40 25	50 31
340/80R20MPT	11	343	1052	492	3200	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430
		13.5	41.4	19.4	126		65	9630	8040	6700	6150	5990	5880	5730	5570	5350
425/75R20MPT	13	427	1138	516	3449	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150
		16.8	44.8	20.3	135.8		58	12490	10420	8680	7970	7780	7640	7420	7220	6940

580 INDUSTRIAL TRACTOR

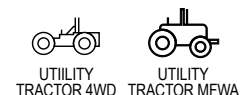
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		Constant load						Cyclic Applications							
		mm in	mm in				mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10^ 6
280/80R16IND (11R16IND)	W8	290	850	359	2531	130A8	3.6	4370	2380		1980	1900		2850	2550
		11.4	33.5	14.1	99.6		52	9630	5250		4370	4190		6280	5620
280/80R18 (10.5R18) IND	W9	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680
	W8	11.1	35.6	16.5	109.1	132B	58	10130	5510	4890	4710	4410	4410	6610	5900
	W10														
300/75R18 (12.0R18)IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550
		11.6	35.7	16.5	106.2	142B	73	13450	7300	6480	6260	5840	5840	8770	7830
340/80R18 (335/80R18) (12.5R18) IND	11														
	12														
	11SDC	350	1001	450	2970	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650
	12SDC	13.8	39.4	17.7	116.9	143B	58	13810	7510	6650	6430	6000	6000	9010	8040
	W10														
400/70R18IND	W11														
	W12	404	1017	461	3073	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
280/80R20 (10.5R20) IND	W12	15.9	40	18.1	121	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
	W9	282	956	437	2846	133A8	4	4740	2580	2250	2140	2060	2060	3090	2760
		11.1	37.6	17.2	112	133B	58	10450	5690	4960	4720	4540	4540	6810	6090
340/80R20 (12.5/80R20) IND	11														
	12														
	11SDC	343	1052	477	3200	144A8	4	6440	3500	3110	3000	2800	2800	4200	3750
	12SDC	13.5	41.4	18.8	126	144B	58	14190	7710	6850	6610	6170	6170	9250	8260
	W10														
380/75R20 (14.5R20) IND	W11														
	W12	380	1078	487	3181	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220
	W11	15	42.4	19.2	125.2	148B	58	15970	8680	7710	7420	6940	6940	10420	9300
	11														
400/70R20 IND	12														
	W13														
	W12														
	12SDC	410	1072	485	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	13SDC	16.1	42.2	19.1	127.5	149B	58	16480	8940	7950	7670	7160	7160	10750	9600
400/70R20 IND	W14L														

580 INDUSTRIAL TRACTOR

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					Constant load						Cyclic Applications	
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10^ 6	15 9
425/75R20 (16.5R20) IND	13					154A8	4	8630	4690	4160	4010	3750	3750	5630	5030
	11					154B	58	19010	10330	9160	8830	8260	8260	12400	11080
	12	420	1138	511	3449										
	12SDC	16.5	44.8	20.1	135.8	160A8	4.8	10350	5630	5000	4820	4500	4500	6750	6030
	13SDC					160B	70	22800	12400	11010	10620	9910	9910	14870	13280
405/70R24 IND	14														
	13	404	1170	538	3521	152A8	4	7710	4190	3720	3580	3350	3350	5030	4490
440/80R24 (16.9R24) IND	12	15.9	46.1	21.2	138.6	152B	58	16980	9230	8190	7890	7380	7380	11080	9890
	DW14L														
	DW15L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
460/70R24 (17.5LR24) IND	14 TW14L	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660
	DW15L														
	DW14L														
	DW16L	462	1250	567	3797	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	14	18.2	49.2	22.3	149.5	159B	58	22160	12050	10700	10310	9640	9640	14450	12910
500/70R24 (19.5LR24) IND	16														
	TW14L														
480/80R26 (18.4R26) IND	DW16L	505	1308	600	3900	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L 16	19.9	51.5	23.6	153.5	164B	58	25330	13770	12220	11780	11010	11010	16520	14760
440/80R28 (16.9R28) IND	DW15	479	1428	634	4248	160A8	3.2	10350	5630	4910	4680	4500	4500	6750	6030
		18.9	56.2	25	167.2	160B	46	22820	12410	10830	10320	9920	9920	14880	13290
500/70R28 (19.5LR28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13220	11810
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760

570

R-1



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. Flatter tread because of radial construction provides even pressure distribution, high productivity and optimal fuel consumption.

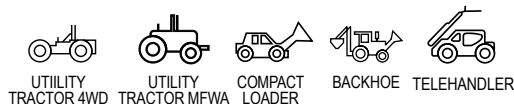


570 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Constant load				Cyclic Applications					
								mm in	mm in	mm in	mm in	Static	10 6	30 19	40 25	50 31	10^ 6
425/55R17	13	425	890	395	2263	140A8	3.5	5750	3750	2680	2500	4380	2750	2500	2500		
		16.7	35	15.6	89.1	140B	51	12670	8260	5900	5510	9650	6060	5510	5510		
400/70-20	11	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320	
	13	16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310	
19.5LR24	W16L W15L	495 19.5	1320 52	600 23.6	3912 154	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960	
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520	
						156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640	
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020	
						150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050	
460/70R24 (17.5LR24)	W15L W14L	445 17.5	1245 49	564 22.2	3682 145	147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720	
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000	
						159B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810	
500/85R24	W16L	528	1458	653	4365	171A8	2.8	14150	7690	6400	6150	5600	9230	6580	6150	5600	
	W15L	20.8	57.4	25.7	171.9	179A2	41	31170	16940	14100	13550	12330	20330	14490	13550	12330	
17.5L-24	W15L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050	
	W14L	17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720	

317

R-1

WEAR
RESISTANT
COMPOUNDHEAT
RESISTANT
COMPOUND

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.



317 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
10.5-18	9					10	126G	3.75	2810	2550	2130	1960	1900	1870	1820	1770	1700
		270	905	415	2700			54	6190	5620	4690	4320	4190	4120	4010	3900	3740
		10.6	35.6	16.3	106.3												
						12	130G	4.5	3140	2850	2380	2190	2130	2090	2030	1975	1900
12.5-18	11 12							65	6925	6285	5245	4830	4695	4605	4475	4355	4190
						10	128G	3	2970	2700	2250	2070	2020	1980	1930	1870	1800
								43	6540	5950	4960	4560	4450	4360	4250	4125	3960
								3.5	3220	2930	2440	2240	2180	2150	2090	2025	1950
						12	131G	51	7100	6460	5380	4940	4810	4740	4610	4460	4300
								4.5	3700	3360	2800	2580	2510	2460	2400	2330	2240
								65	8150	7400	6170	5680	5530	5420	5290	5130	4930

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
10.5-20	9	270	955	445	2880	12	131G	4.3	3220	2930	2440	2240	2180	2150	2090	2030	1950
		10.6	37.6	17.5	113.4			62	7090	6450	5370	4930	4800	4740	4600	4470	4300
		128G															
12.5-20	11	325 12.8	1040 40.9	475 18.7	3090 121.7	10	129G	3	3050	2780	2310	2130	2070	2040	1980	1925	1850
								43	6720	6120	5090	4690	4560	4490	4360	4245	4070
						12	132G	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000
								51	7270	6610	5510	5070	4930	4850	4710	4580	4410
14.5-20	11 12	355 14	1095 43.1	500 19.7	3260 128.3	10	132G	2.5	4700	3760	3090	2760	2530	2400	2310	2260	2240
								36	10350	8280	6810	6080	5570	5290	5090	4980	4930
						12	136G	3	5250	4200	3450	3080	2830	2680	2580	2530	2500
								44	11560	9250	7600	6780	6230	5900	5680	5570	5510
						14	139G	3.5	5720	4580	3760	3350	3080	2920	2810	2750	2725
								51	12600	10090	8280	7380	6780	6430	6190	6060	6000
16/70-20 405/70-20	13.SDC 13	407 16	1076 42.4	791 31.1	3200 126	14	145G 137G	3.5	4790	4350	3630	3340	3250	3190	3100	3015	2900
								51	10550	9580	8000	7360	7160	7030	6830	6645	6390
10.0/75-15.3	9 X 15.3	264	780	360.5	2377	12	126A6 (123A8)	4.7									
		10.4	30.7	14.2	93.6			68									

317 NON HIGHWAY APPLICATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
									5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
10.5-18	9	270	905	415	2700	10	130 B	3.8	3990	3190	2620	2340	2150	2030	1960	1920	1900
		10.6	35.6	16.3	106.3			54	8790	7030	5770	5150	4740	4470	4320	4230	4190
12.0-18	9	294	949	420	2770	12	145A6	4.5	6840	3840	3230	3040	2900	2810	2710	2630	2580
	11	11.6	37.4	16.5	109.1			65	15070	8460	7110	6700	6390	6190	5970	5790	5680
12.5-18	11 12	325 12.8	990 39	415 16.3	2790 109.8	6	124 B	2	3360	2690	2210	1970	1810	1710	1650	1620	1600
								29	7400	5930	4870	4340	3990	3770	3630	3570	3520
						8	129 B	2.5	3890	3110	2550	2280	2090	1980	1910	1870	1850
								36	8570	6850	5620	5020	4600	4360	4210	4120	4070
						12	135 B	3.5	4580	3660	3010	2680	2460	2330	2250	2200	2180
								51	10090	8060	6630	5900	5420	5130	4960	4850	4800
						16	140 B	4.5	5250	4200	3450	3080	2830	2680	2580	2530	2500
								65	11560	9250	7600	6780	6230	5900	5680	5570	5510

317 NON HIGHWAY APPLICATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in						5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
10.5-20	9	270 10.6	955 37.6	445 17.5	2880 113.4	6	123 B	2.5	3260	2600	2140	1910	1750	1660	1600	1570	1550
								36	7180	5730	4710	4210	3850	3660	3520	3460	3410
						8	127 B	3	3680	2940	2420	2150	1980	1870	1800	1770	1750
								44	8110	6480	5330	4740	4360	4120	3960	3900	3850
						10	132 B	3.8	4200	3360	2760	2460	2260	2140	2060	2020	2000
								54	9250	7400	6080	5420	4980	4710	4540	4450	4410
12.5-20 Steel Belted	11	325 12.8	1040 40.9	475 18.7	3090 121.7	12	135 B	4.3	4580	3660	3010	2680	2460	2330	2250	2200	2180
								62	10090	8060	6630	5900	5420	5130	4960	4850	4800
						16	142 B	6	5570	4450	3660	3260	2990	2840	2730	2680	2650
								87	12270	9800	8060	7180	6590	6260	6010	5900	5840
						6	130 B	2.5	3990	3190	2620	2340	2150	2030	1960	1920	1900
								36	8790	7030	5770	5150	4740	4470	4320	4230	4190
						8	133 B	3	4330	3460	2840	2530	2330	2200	2120	2080	2060
								44	9540	7620	6260	5570	5130	4850	4670	4580	4540
						10	136 B	3.5	4700	3760	3090	2760	2530	2400	2310	2260	2240
								51	10350	8280	6810	6080	5570	5290	5090	4980	4930
						12	140 B	4	5250	4200	3450	3080	2830	2680	2580	2530	2500
								58	11560	9250	7600	6780	6230	5900	5680	5570	5510
						16	143 B	4.6	5720	4580	3760	3350	3080	2920	2810	2750	2725
								67	12600	10090	8280	7380	6780	6430	6190	6060	6000

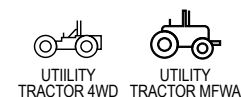
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
									5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
14.5-20	11 12	355 14	1095 43.1	500 19.7	3260 128.3	10	136 B	2.5	4700	3760	3090	2760	2530	2400	2310	2260	2240
								36	10350	8280	6810	6080	5570	5290	5090	4980	4930
						12	140 B	3	5250	4200	3450	3080	2830	2680	2580	2530	2500
								44	11560	9250	7600	6780	6230	5900	5680	5570	5510
						14	143 B	3.5	5720	4580	3760	3350	3080	2920	2810	2750	2725
								51	12600	10090	8280	7380	6780	6430	6190	6060	6000
						16	145 B	4	6090	4870	4000	3570	3280	3100	2990	2930	2900
								58	13410	10730	8810	7860	7220	6830	6590	6450	6390
						18	147 B	4.5	6460	5170	4240	3780	3470	3290	3170	3110	3075
								65	14230	11390	9340	8330	7640	7250	6980	6850	6770

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load										
		SW	OD					Speed										
				Drive Wheel						Free rolling								
				mm	mm			mm	mm	mm	mm	Static	10	15	20	30	40	
		in	in	in	in			in	in	bar	Static	10	15	20	30	40	Static	10
							PSI	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
10.0/75-15.3	9					12												
		264	780	360	2377	126A6	4.7	2820	1550	1450	1370	1200	1090	2810	2190	1940	1700	1550
		10.4	30.7	14.2	93.6	(123A8)	68	6220	3420	3200	3020	2650	2400	6200	4830	4280	3750	3420
						115A6												
						(111A8)												

533

R-4

Alliance 533 reinforced tire is an industrial drive wheel tire, constructed for non-agricultural applications. The tire's heavy nylon construction and special tread compound are designed to achieve best results on industrial use as well as off road and building site services. Its tread design gives more traction and breaking power as well as high mileage on road.



533 TRACTOR



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		SW	OD	Industrial Use	Agricultural Use											
					Infl.		Constant load		Cyclic Applic		Infl.	Road Transport			Field	
mm in	mm in	mm in	mm in	bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6			
14.9-24	W13 W12	378 14.9	1241 48.9	560 22	3661 144.1	10	2.5	2890	2650	3260	2650	2.2	2760	2060	1870	2200
						142A8	36	6370	5840	7180	5840	32	6080	4540	4120	4850
						12	2.9	3160	2900	3570	2900	2.6	3000	2240	2040	2400
						145A8	42	6960	6390	7860	6390	38	6610	4930	4490	5290
16.9-24	W15L	429 16.9	1309 51.5	589 23.2	3855 151.8	12	2.6	3540	3250	4000	3250	2.5	3510	2620	2380	2800
						149A8	38	7800	7160	8810	7160	36	7730	5770	5240	6170
17.5L-24	W15L W14L	444 17.5	1240 48.8	551 21.7	3623 142.6	8	1.7	2650	2430	2990	2430	1.5	2510	1870	1700	2000
						139A8	25	5840	5350	6590	5350	22	5530	4120	3740	4410
						10	2.2	3050	2800	3440	2800	2	2880	2150	1960	2300
						144A8	32	6720	6170	7580	6170	29	6340	4740	4320	5070
18.4-24	W16L W15L	467 18.4	1375 54.1	605 23.8	3992 157.2	12	2.5	4220	3875	4770	3875	2.3	3990	2980	2710	3190
						155A8	36	9300	8540	10510	8540	33	8790	6560	5970	7030
19.5L-24	W17L W16L	495 19.5	1314 51.7	580 22.8	3823 150.5	10	1.9	3350	3075	3780	3075	1.7	3180	2370	2160	2540
						147A8	28	7380	6770	8330	6770	25	7000	5220	4760	5590
						12	2.3	3760	3450	4240	3450	2.1	3550	2650	2410	2840
						151A8	33	8280	7600	9340	7600	30	7820	5840	5310	6260
21L-24	DW18L W18L	533 21	1377 54.2	605 23.8	3995 157.3	10	1.8	3650	3350	4120	3350	1.5	3080	2300	2090	2460
						150A8	26	8040	7380	9070	7380	22	6780	5070	4600	5420
						12	2.2	4220	3875	4770	3875	1.9	3550	2650	2410	2840
						155A8	32	9300	8540	10510	8540	28	7820	5840	5310	6260
						16	2.8	4910	4500	5540	4500	2.5	4120	3075	2800	3290
						160A8	41	10810	9910	12200	9910	36	9070	6770	6170	7250

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		Industrial Use					Agricultural Use									
		SW	OD				mm in	mm in	mm in	mm in	Inf.	Constant load		Cyclic Applic		Inf.
mm in	mm in	bar psi	20 12	40 25	20 12	40 25					Bar psi	20 12	40 25	50 31	10 6	
18.4-26	DW16A W16L W15L	467 18.4	1425 56.1	628 24.7	4325 170.3	10	2	3980	3650	4490	3650	1.8	3550	2650	2410	2840
						153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
						12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210
						156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070
18.4-28	W16L W15	467 18.4	1477 58.1	655 25.8	4310 169.7	12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
							36	9910	9090	11170	9090	32	9070	6770	6170	7250
16.9-30	W15L W14	440 17.3	1470 57.9	664 26.1	4339 170.8	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680
						149A8	32	7800	7160	8810	7160	29	7380	5510	5020	5900

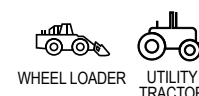
300 MPT

R-4

SC

AS

SPECIAL COMPOUND ALL STEEL



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	Infl. press	Recommend load, kg (lbs)									
									Speed, km/h (mph)									
		SW	OD															
		mm in	mm in	mm in	mm in				15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56	
12.5R20	11	330	1040	475	3112	12	132G	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000	
		13	40.9	18.7	122.5			51	7270	6610	5510	5070	4930	4850	4710	4580	4410	

OTHER INDUSTRIAL & CONSTRUCTION

312 PLUS

HF-1



The Alliance 312 Plus comes with a superior sidewall and rim shield protection and works well on trenchers and many other types of machinery. Its open deep shoulders provide good traction both on road and off road and excellent self-cleaning even in the most severe operations.



SIZE	RIM	OD	SW	Rolling Circumference	PR	Load Index	Loaded Static Radius	Recommended Load	Inflation Pressure
		mm in	mm in	mm in		Speed Symbol	mm in	kg lbs	bar psi
29X12.50-15NHS	10LB	750	318	2213	8	107B	350	975	2.75
		29.5	12.5	87.1			13.8	2150	40

321 PLUS

R-4



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	SW	OD	Rolling Circumference	PR	Load Index	Inflation Pressure	Recommended Load
		mm in	mm in	mm in		Speed Symbol	bar psi	10 kmph
15.5/70-18	W13	400	1030	451	3220 126.8	14	3.65	3250
		15.7	40.6	17.8		149A2	53	7170

590

I-2



Alliance 590 is a Heavy Duty Radial Flotation Tire designed specifically to suit the needs Agriculture and Construction applications. A Robust Steel Belted construction, with a non directional design and superior Cut and Chip resistant compound enables to handle heavy Loads and operate both in Farms as well as On/Off Road conditions.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		Mixed Application													
		SW mm in	OD mm in					mm in	mm in	Static	10 6	20 12	30 19	40 25	50 31
600/55R26.5	20	611	1333	612	4071	173D	6	14950	11700	10730	9820	8840	7870	6500	5920
		24.1	52.5	24.1	160.3		87	32960	25790	23660	21650	19490	17350	14330	13050
650/55R26.5	20	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	AG20.00	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
650/65R30.5	AG20.00	660	1621	741	4923	184D	6	20700	16200	14850	13590	12240	10890	9000	8190
		26	63.8	29.2	193.8		87	45640	35720	32740	29960	26990	24010	19840	18060
710/50R30.5	AG20.00	727	1490	683	4542	181D	6	18980	14850	13610	12460	11220	9980	8250	7510
		28.6	58.7	26.9	178.8		87	41840	32740	30010	27470	24740	22000	18190	16560



EXCAVATOR

390

I-2

SC

WRC

FLOTATION

SPECIAL
COMPOUNDWEAR
RESISTANT
COMPOUND

EXCAVATOR

The Alliance 390 heavy duty is a special construction tires for hard work in tough environments. It is developed to carry heavy loads on tough terrain conditions. The tire gives excellent machine stability, comfortable ride and traction and better overall performance on the road. The steel belts in the tire make it a tough tire for tough terrains. Special compounds like wear resistant compound and puncture resistant compound give it an increased tire life.



HARD SURFACE



OFF ROAD CONSTRUCTION



TOUGH TERRAIN



HEAVY DUTY

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																		
		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			
600/50R22.5	20.00DC	605	1168	527.3	3605	174A8	6.5	15410	8380	7100	6970	6700	6150	—	—					
Heavy Duty Industrial		23.8	46	20.8	141.9	171B	94	33940	18460	15640	15350	14760	13550	—	—					

MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/LS	Infi. press bar psi	Recommend load, kg (lbs)										
								Speed, km/h (mph)										
		SW mm in	OD mm in					Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50
		mm in	mm in	mm in														
24R20.5	18	605	1372	620	4208	176F	6	17750	12780	—	9590	8880	8170	7950	7810	7630	7460	7100
ALL STEEL		23.8	54	24.4	165.7		87	39100	28150	—	21120	19560	18000	17510	17200	16810	16430	15640
500/45R22.5 MPT	AG16.00	508	1025	472	3158	154F	6	9380	6750	—	5060	4690	4310	4200	4130	4030	3940	3750
ALL STEEL		20	40.4	18.6	124.3		87	20660	14870	—	11150	10330	9490	9250	9100	8880	8680	8260
600/50R22.5 MPT	20.00DC	585	1180	539	3510	166F	6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300
		23	46.5	21.2	138.2		87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260	11670

380

I-2

SC

WRC

SB

FLOTATION

SPECIAL
COMPOUNDWEAR
RESISTANT
COMPOUNDSTEEL
BELTED

EXCAVATOR

Alliance 380 is a heavy duty radial flotation tire suitable for excavators, developed to carry heavy loads on tough terrain conditions. Special non-directional tread pattern enables equal traction and steering capability in forward and backward driving directions. The tire is successfully replacing dual configuration for wheeled excavators. In addition, the tire gives excellent machine stability, comfortable ride, good machine mobility, better self-cleaning and traction, and better overall performance on the road. Unique sidewall construction enables high side machine stability and tilt characteristics, while steel breakers efficiently prevent punctures and enable uniform ground stress distribution.



HARD SURFACE



OFF ROAD CONSTRUCTION



TOUGH TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
								Speed, km/h (mph)							
		SW	OD					Mixed application							
		mm in	mm in					mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
620/40R22.5	20.00DC	605 23.8	1085 42.7	491 19.3	3352 132	169A8	6.5	13630	8120	6900	6500	5800	5510	—	—
							94	30020	17890	15200	14320	12780	12140	—	—
						171A8	7	14450	8610	7320	6900	6150	5840	—	—
							102	31830	18960	16120	15200	13550	12860	—	—

506 DUAL MASTER

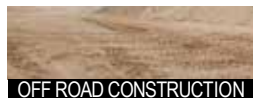
I-2

SC
SPECIAL
COMPOUND

AS
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.



OFF ROAD CONSTRUCTION



TOUGH TERRAIN



ON & OFF ROAD CONSTRUCTION



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)						
		mm in	mm in	mm in	mm in	For Single tire on Dual Application								
						Static	10 6	20 12	25 16	30 19	40 25	50 31		
315/80R22.5	9	329.5 13	1100 43.3	508.8 20	3366 132.5	154A8	8.5	8810	5250	4730	4460	4200	3750	3380
							123	19410	11560	10420	9820	9250	8260	7440
						158A8	9	9980	5950	5360	5050	4760	4250	3830
							131	22000	13120	11820	11130	10490	9370	8440

528 DUAL MASTER

I-2

SC
SPECIAL
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.



OFF ROAD CONSTRUCTION



TOUGH TERRAIN



ON & OFF ROAD CONSTRUCTION



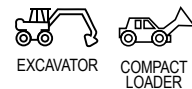
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
				mm in	mm in			mm in	mm in	For Single Application *				
		bar psi	Static				10 6			20 12	25 16	30 19	40 25	50 31
315/80R22.5	9					154A8	8.5	8810	5250	4730	4460	4200	3750	3380
							123	19410	11560	10420	9820	9250	8260	7440
		325.5	1100	508.2	3343	158A8	9	9980	5950	5360	5050	4760	4250	3830
		12.8	43.3	20	131.6		131	22000	13120	11820	11130	10490	9370	8440

225

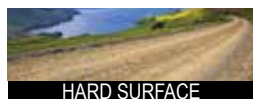
E-2

HRC
HEAT RESISTANT
COMPOUND

C+C
CUT&CHIP RESISTANT
COMPOUND



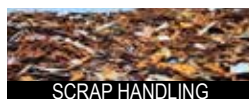
The tread pattern of 225 MPT is designed for self-cleaning as well as for smooth on road driving. The diagonal lug design of the tire provides best traction in all services, terrain and weather conditions besides improving resistance to side slips. Its wide based design provides high flotation properties 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.



HARD SURFACE



OFF ROAD CONSTRUCTION



SCRAP HANDLING



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	mm in	mm in	Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31				
8.25-20ML	6.5															
	6.50T	234	985	467	3000	12 134B	6.2	4260	2960	2480	2400	2350	2330	2250	2160	2120
	7	9.2	38.8	18.4	118.1		90	9380	6520	5460	5290	5180	5130	4960	4760	4670
	7.00T															
	7.0T5°															

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	mm in	mm in		bar psi	Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31	
9.00-20ML	7 7.00T 7.0T5° 7.5 7.5V 7.5T5°	256 10.1	1035 40.7	491 19.3	3150 124	10	5.2	4490	3120	2620	2530	2490	2460	2370	2280	2240	
	136B					75	9890	6870	5770	5570	5480	5420	5220	5020	4930		
	12					6.2	5020	3490	2930	2830	2780	2750	2650	2550	2500		
	140B					90	11060	7690	6450	6230	6120	6060	5840	5620	5510		
	14					7.2	5630	3920	3290	3170	3120	3090	2970	2860	2800		
						144B	104	12400	8630	7250	6980	6870	6810	6540	6300	6170	
	10.00-20ML ML-2	7.5 7.50V 8 8.00V 8.0V5°	275 10.8	1065 41.9	505 19.9	3240 127.6	12	5.2	5180	3600	3020	2920	2870	2840	2740	2630	2575
							141B	75	11410	7930	6650	6430	6320	6260	6040	5790	5670
							14	6.6	5830	4060	3400	3290	3230	3200	3080	2960	2900
							145B	96	12840	8940	7490	7250	7110	7050	6780	6520	6390
16							7.5	6300	4410	3685	—	3495	—	3340	—	3150	
						148B	100	13880	9723	8124	—	7705	—	7304	—	6945	
	11.00-20ML ML-2	8 8.00V 8.0V5° 8.5 8.50V 8.5V5°	291 11.5	1095 43.1	517 20.4	3320 130.7	12	5.5	5830	4060	3400	3290	3230	3200	3080	2960	2900
							145B	80	12840	8940	7490	7250	7110	7050	6780	6520	6390
							16	7.2	7330	5100	4280	4130	4050	4020	3870	3720	3650
							153B	104	16150	11230	9430	9100	8920	8850	8520	8190	8040
12							5	6740	4690	3930	3800	3730	3690	3560	3420	3350	
15-22.5ML ML-2	11.75 12.25	388 15.3	1095 43.1	508 20	3290 129.5	150B	73	14850	10330	8660	8370	8220	8130	7840	7530	7380	
						14	6	7550	5250	4400	4250	4170	4140	3980	3830	3750	
						154B	87	16630	11560	9690	9360	9190	9120	8770	8440	8260	
						16	7.25	8550	5950	4990	4820	4730	4690	4510	4340	4250	
						158B	105	18830	13110	10990	10620	10420	10330	9930	9560	9360	
						22	9.6	10050	6990	5870	5660	5510	5300	5100	5000		
						164B	139	22140	15400	12930	12470	12250	12140	11670	11230	11010	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
12.5-20MPT	11	325 12.8	1040 40.9	475 18.7	3090 121.7	10	133F	3.5	3400	3090	2580	2370	2310	2270	2200	2060	—
								51	7490	6810	5680	5220	5090	5000	4850	4540	—
						14	137F	3.8	3680	3350	2790	2560	2500	2450	2390	2230	
								4	3800	3450	2880	2650	2580	2530	2460	2300	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)	
								Speed, km/h (mph)	
		SW mm in	OD mm in	mm in	mm in		bar psi	50 31	
10.00-20ML	7.5X20	275	1065	499.8	3267	16	7.9	3150	
		10.8	41.9	19.7	128.6	148B	115	6945	

224

E-2



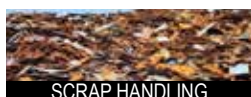
Alliance 224 Construction Machinery tire is a wide base tire that is designed for cranes, dump trucks and excavators. It provides excellent traction in all working conditions as well as resistance to side slips. For best results in running wheels of vehicles engaged in on road applications, it is recommended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



HARD SURFACE



OFF ROAD CONSTRUCTION



SCRAP HANDLING



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	mm in	mm in		bar psi	Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31
18-19.5	14 13	457 18	1080 42.5	495 19.5	3326 130.9	16	6	9040	6290	5280	5090	5000	4960	4770	4590	4500
						160B	87	19910	13850	11630	11210	11010	10930	10510	10110	9910
						18	7.25	10340	7190	6040	5830	5720	5670	5460	5250	5150
						165B	105	22780	15840	13300	12840	12600	12490	12030	11560	11340

624

R-4

SC

AS

SPECIAL
COMPOUND

ALL STEEL



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 circ. RCI	Load Index Speed	Infl. press	Recommended load , kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Constant Load							Cyclic Applications*		
							mm in	mm in	mm in	mm in	Symbol	bar psi	Static	5 3	10 6	25 16	30 19
445/70R19.5 (18R19.5)	14	445	1105	497	3400	173A8	7.5	14950	9610	8000	6890	6760	6630	6500	10860	9750	8710
445/70R22.5 (18R22.5)	14	454	1195	539.2	3646	175A8	7.5	15870	10010	8500	7310	7180	7040	6900	11520	10350	9250
		17.9	47	21.2	143.5	182A2	109	34960	22050	18720	16100	15810	15510	15200	25370	22800	20370

331

I-3

WRC

FLOTATION

WEAR
RESISTANT
COMPOUND

Alliance 331 Heavy Duty Flotation tread design is basically a high traction profile with good self cleaning characteristics suitable for on/off road service. High load carrying capacity and low inflation pressure is the main characteristic of this tire. Strong nylon construction and compounds ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				mm in	mm in		mm in	mm in	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25
		500/45-20	16.00DC	490	980	446	2910	164A6	6	7430	6980	5990	5670	5360	5040	4750
19.3	38.6			17.6	114.6	162A7	87	16370	15370	13190	12490	11810	11100	10460	9910	8920
						160A8										
600/40-22.5 Available with steel breaker	20.00DC	600	1100	505	3356	173A6	6	9570	8990	7710	7310	6900	6500	6150	5800	5220
		23.6	43.3	19.9	132.1	171A7	87	21080	19800	16980	16100	15200	14320	13550	12780	11500
						169A8										
600/50-22.5	20.00DC	600	1205	547	3472	174A6	6	9900	9300	7980	7560	7140	6720	6300	6000	5400
		23.6	47.4	21.5	136.7	172A7	87	21810	20480	17580	16650	15730	14800	13880	13220	11890
						170A8										
650/45-22.5	20.00DC	645	1170	535	3648	173A6	4.5	9570	8990	7710	7310	6900	6500	6150	5800	5220
		25.4	46.1	21.1	143.6	171A7	65	21080	19800	16980	16100	15200	14320	13550	12780	11500
						169A8										
700/40-22.5	24.00DC	700	1230	559	3700	177A6	6	10730	10080	8650	8190	7740	7300	6900	6500	5850
		27.6	48.4	22	145.7	175A7	87	23630	22200	19050	18040	17050	16080	15200	14320	12890
						173A8										

344

LS-2

SB

STEEL
BELTED



EXCAVATOR

The Alliance 344, Heavy Duty flotation tire has been developed for excavators to carry heavy loads on tough terrain conditions. The tire successfully replaces the traditional dual-wheels configuration. It gives excellent traction, machine stability and better self-cleaning. In addition, the steel breaker construction efficiently prevents punctures and enables uniform ground stress distribution.



OFF ROAD CONSTRUCTION



ON & OFF ROAD CONSTRUCTION



TOUGH TERRAIN



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	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
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	22360	20990	18020	17070	16120	15180	14360	13550	12200

839

E-2

C+C

CUT & CHIP
RESISTANT
COMPOUND



EXCAVATOR

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.



OFF ROAD CONSTRUCTION



HARD SURFACE



SCRAP HANDLING



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi	5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
8.25-20NHS	7	236	992	480	3088	14	122B	6.9	2100	1755	1695	1665	1650		1590	1530	1500
		9.3	39.1	18.9	121.6		100	4630	3870	3740	3670	3640		3510	3370	3310	
9.00-20NHS	7	259	1038	489.5	3187	14	140B	6.9	3500	2925	2825	2775	2750	—	2650	2550	2500
		10.2	40.9	19.2	125.5		100	7715	6450	6230	6120	6060	—	5840	5620	5510	
10.00-20 NHS	7.5	275	1070	493	3230	16	148B	7.5	6300	4410	3685	3560	3495	3465	3340	3215	3150
		10.8	42.1	19.4	127.2		109	13880	9720	8125	7850	7705	7640	7365	7085	6950	
11.00-20NHS	8	293	1104	513	3352	16	149B	7.1	4550	3800	3675	3605	3575	—	3445	3315	3250
		11.5	43.5	20.2	132		104	10030	8375	8100	7945	7880	—	7595	7310	7165	

699

E-2

CRC

CHIP & CHUNK
RESISTANT
COMPOUND

EXCAVATOR

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)	
		mm in	mm in					10 6	50 31
9.00-20	7.0	264	1021	464	3066	14	7	2650	3875
	7.5	10.4	40.2	18.3	120.7	155A2 142B	102	5840	8540
10.00-20	7.5	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	293	1085	506	3276	16	7.5	4875	3350
		11.5	42.7	19.9	129	163A2 150B	109	10750	7390

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					10 6	50 31
290/95-20	8.00X20	294	1075	493	3280	22	9.25	5600	3550
		11.6	42.3	19.4	129.1	168A2 152B	134	12350	7830

550 MULTIUSE

R-4

SB

STEEL
BELTED

EXCAVATOR

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.



ON & OFF ROAD CONSTRUCTION



ALL TERRAIN



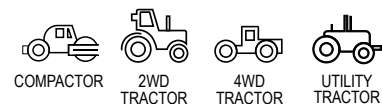
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling circ. RCI	Load Index Speed Symbol	Infl. press	Recommended load , kg (lbs)											
		Speed, km/h (mph)																	
		Constant Load								Cyclic Applications									
		mm in	mm in					mm in	mm in	bar psi	Static kmph	10 kmph	15 kmph	20 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph
400/70R18 (16/70R18)	13	404	1017	461	3049	147A8	4	7070	3840	-	-	3410	3290	3075	3010	2800	-	4610	4120
		15.9	40	18.1	120	144D	58	15590	8470	-	-	7520	7250	6780	6640	6170	-	10160	9080
405/70R18IND (16.0/70R18IND)	13	404	1021	468	3059	153A2	3.75	5920	3650	-	-	2830	2780	2730	2650	2757	-	3980	3550
		15.9	40.2	18.4	120.4		54	13050	8050	-	-	6240	6130	6020	5840	6080	-	8770	7830
340/80R20IND (12.5R20IND)	11	343	1052	477	3148	144A8	4	3850	6600	3600	-	3150	3000	2875	2700	2500	-	2275	4330
		13.5	41.4	18.8	123.9		58	8490	14550	7940	-	6950	6610	6340	5950	5510	-	5020	9550
360/80R20	11	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)	14	404	1076	486	3205	149A8	4	4360	7480	4510	-	3410	3380	3250	3250	-	-	4880	-
		15.9	42.4	19.1	126.2		58	9610	16490	9940	-	7520	7450	7170	7170	-	-	10760	-
340/80R24IND (12.5R24IND)	11	343	1154	529	3439	140A8	3.2	5755	3139	-	2747	-	2616	2507	2354	2180		3770	3360
		13.5	45.4	20.8	135.4	135D	46	12690	6920	-	6060	-	5770	5530	5190	4810		8310	7410
440/80R24IND (16.9R24IND)	15	441	1314	593	3913	154A8	3.2	8580	4680	-	4095	-	3900	3738	3510	3250	2958	5620	5010
		17.4	51.7	23.3	154.1	149D	46	18920	10320	-	9030	-	8600	8240	7740	7170	6520	12390	11050
440/80R30 (16.9R30)	15	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	13190	12390

NOTES



PAVER AND COMPACTOR

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, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Not high and sustained torque; Road transport						Field operation						
										Low Torque		High Torque				
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6			
14.9-24	W13 W12	394 15.5	1241 48.9	569 22.4	3698 145.6	6	1.4	3570	2330	1720	1660	1550	1410	2170	1860	1660
						123A8	20	7860	5130	3790	3660	3410	3110	4780	4100	3660
						8	1.8	4140	2700	2000	1930	1800	1640	2520	2160	1930
						128A8	26	9120	5950	4410	4250	3960	3610	5550	4760	4250
16.9-24	W15L	442 17.4	1309 51.5	579 22.8	3814 150.2	8	1.7	4740	3090	2290	2200	2060	1870	2880	2470	2200
						133A8	25	10440	6810	5040	4850	4540	4120	6340	5440	4850
						6	1.1	4600	3000	2220	2140	2000	1820	2800	2400	2140
						132A8	16	10130	6610	4890	4710	4410	4010	6170	5290	4710
18.4-26	W16L DW16 W15L	480 18.9	1426 56.1	645 25.4	4213 165.9	10	1.8	6100	3980	2940	2840	2650	2410	3710	3180	2840
						142A8	26	13440	8770	6480	6260	5840	5310	8170	7000	6260
						12	2.3	6900	4500	3330	3210	3000	2730	4200	3600	3210
						146A8	33	15200	9910	7330	7070	6610	6010	9250	7930	7070
23.1-26	DW20	587 23.1	1580 62.2	697 27.4	4600 181.1	10	1.4	7480	4880	3610	3480	3250	2960	4550	3900	3480
						149A8	20	16480	10750	7950	7670	7160	6520	10020	8590	7670
						16	2.3	10060	6560	4860	4680	4375	3980	6130	5250	4680
						159A8	33	22160	14450	10700	10310	9640	8770	13500	11560	10310

329 COMPACTOR & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Not high and sustained torque; Road transport						Field operation			
														Low Torque		High Torque	
								mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
13.6-28	W12 w11	345 13.6	1311 51.6	610 24	3942 155.2	6	1.6	3340	2180	1610	1550	1450	1320	2030	1740	1550	
						121 A8	23	7360	4800	3550	3410	3190	2910	4470	3830	3410	
						8	2	3910	2550	1890	1820	1700	1550	2380	2040	1820	
						126A8	29	8610	5620	4160	4010	3740	3410	5240	4490	4010	

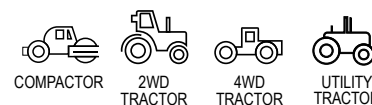
329 I-2 COMPACTOR & IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
									Speed, km/h (mph)								
		SW	OD						Free rolling				Drive Wheel				
		mm in	mm in	mm in	mm in				10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
13.50-16.1SL	W11C	353 13.9	1021 40.2	450 17.7	2970 116.9	10	136A8	⊕	2.8 41	3140 6920	2670 5880	2240 4930	2020 4450	2170 4780	1840 4050	1550 3410	1400 3080
							132 B										
							123A8	⊖									
							120 B										
							138A8	⊕									
						12	134 B		3 44	3300 7270	2810 6190	2360 5200	2120 4670	2310 5090	1960 4320	1650 3630	1490 3280
							125A8	⊖									
							122 B										

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pres- sure	Recommended Load								
		Speed														
		Field Operation						Not high and sustained torque ; Road transport								
		bar	10*HT					10*LT	25*LT	Static	10	25	30	40	50	
		psi	kmph					kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	
28L-26	25	714	1591	702	4627	16	2	4820	6300	5400	10350	6750	5000	4820	4500	4100
		28.1	62.6	27.6	182.2	160A8	29	10630	13890	11910	22820	14880	11020	10630	9920	9040
23.1-26	DW20B	587	1560	692	4687	12	1.7	3910			8400	5480	4050	3910	3650	
		23.1	61.4	27.2	184.5	153A8	25	8620			18520	12080	8930	8620	8050	

330

R-3



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	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		SW	OD					Not high and sustained torque; Road transport						Field operation			
														Low Torque		High Torque	
								mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19
23.1-26	DW20	587 23.1	1580 62.2	697 27.4	4702	8	1.1	6670	4350	3220	3100	2900	2640	4060	3480	3100	
					185.1	145A8	16	14690	9580	7090	6830	6390	5810	8940	7670	6830	
					4724	12	1.7	8400	5480	4050	3910	3650	3320	5110	4380	3910	
					186.0	153A8	25	18500	12070	8920	8610	8040	7310	11260	9650	8610	
					4600	16	2.3	10060	6560	4860	4680	4375	3980	6130	5250	4680	
					181.1	159A8	33	22160	14450	10700	10310	9640	8770	13500	11560	10310	
28L-26	DW25A	714 28.1	1590 62.6	702 27.6	4661 183.5	12	1.4	8630	5630	4160	4010	3750	3410	5250	4500	4010	
						154A8	20	19010	12400	9160	8830	8260	7510	11560	9910	8830	
						16	2	10350	6750	5000	4820	4500	4100	6300	5400	4820	
						160A8	29	22800	14870	11010	10620	9910	9030	13880	11890	10620	
650/75R32	DW21B	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	34987	22818	16887	16270	15212	15212	—	—	—	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)					
								Speed, km/h (mph)					
		SW	OD					Industrial Tractor					
		mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
800/60R32 (30.5LR32)	DW27	775	1794	796.2	5323	165A8/165B	1.6	14880	6900	5665	5510	5150	5150
		30.5	70.6	31.3	209.6		23	32810	15210	12490	12150	11350	11350

330 COMPACTOR & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Free Rolling					Drive Wheel			
				mm in	mm in	mm in	mm in	mm in	Static	10 6	25 16	40 25	50 31	10 6	25 16	40 25
23.1-26	DW20	587 23.1	1580 62.2	697 27.4	4600 181.1	12	1.7	12020	6530	5540	5225	4750	5940	5040	4750	4320
						162A8	25	26480	14380	12200	11510	10460	13080	11100	10460	9520
						16	2.3	14170	7700	6530	6160	5610	7000	5940	5600	5100
						168A8	33	31210	16960	14380	13570	12360	15420	13080	12330	11230
						18	2.6	15180	8250	7000	6600	6010	7500	6360	6000	5460
						170A8	38	33440	18170	15420	14540	13240	16520	14010	13220	12030
28L-26	DW25A	714 28.1	1590 62.6	702 27.6	4661 183.5	12	1.6	13790	7490	6350	5995	5460	6810	5780	5450	4960
						167A8	23	30370	16500	13990	13200	12030	15000	12730	12000	10930
						16	2.2	16450	8940	7580	7150	6510	8130	6890	6500	5920
						173A8	32	36230	19690	16700	15750	14340	17910	15180	14320	13040

* Available in OD = 61 (1550 mm) defined as B-61.

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	PR load index Speed Symb.	Infl. press bar psi	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in	mm in	mm in			10 6	
11.00-20	8.00x20	293	1070	488	3294	18	8.3	5806	
		11.5	42.1	19.2	129.7		120	12800	

LAWN, GARDEN AND TURF



221

HF-2

FLOTATION



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	PR	Free/ Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)														
		SW	OD				Mixed application									
		mm in	mm in				mm in	mm in	Load index speed Sym	bar psi	10 6	20 12	25 16	30 19	35 22	40 25
31x15.50-15 NHS	13LB	391 15.4	792 31.2	372.6 14.7	2397 94.4	6	109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975
							107 B	30	3220	2930	2780	2620	2470	2360	2250	2150
						8	118A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250
							116 B	45	4140	3740	3550	3370	3170	3040	2890	2750
33x15.5-15	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
450/55-17 NHS	16	440 17.3	925 36.4	413 16.3	2711 106.7	8	132 A8	2.5	2780	2520	2390	2260	2130	2000	1940	1850
							129 B	36	6120	5550	5260	4980	4690	4410	4270	4070

221 IMPLEMENT RADIAL

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	Static	10 6	25 16	30 19	40 25	50 31
425/55R17	13	420	890	399	2656	137D	3.5	5290	4140	3630	3470	3130	2780	2460	2300
		16.5	35	15.7	104.6	140A8	51	11650	9120	8000	7640	6890	6120	5420	5070
440/50R17	14	441	880	394	2675	135D	3.6	5010	3920	3440	3290	2960	2640	2330	2180
		17.4	34.6	15.5	105.3		52	11040	8630	7580	7250	6520	5810	5130	4800
500/55R20	16	505	1055	455	3250	160B	4.2	8560	6700	5880	5620	5060	4500	3980	3720
		19.9	41.5	17.9	127.9		61	18850	14760	12950	12380	11150	9910	8770	8190

SUPER SOFT 802

R-3



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	P.R. & LI	TYPE	RIM	O.D.	S.W.	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
				mm	mm		mm	kg	bar	km
16.5LX16.1SL	10	TL	14	1029	419	3007	465	2360	2.5	50
				40.5	16.5	118.4	18.3	5203	36	31

316 R-3



The Alliance 316 is a multi-purpose tractor tire 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.



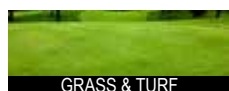
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Not high and sustained torque; Road transport						Field operation		
		mm in	mm in	mm in	mm in						Low Torque		High Torque			
								Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12
12.4-16	W11 W10L 10LB	315 12.4	931 36.7	429 16.9	2783 109.6	10 121A8	3	3060	2000	1640	1420	1330	1210	1860	1600	1420
							44	6740	4410	3610	3130	2930	2670	4100	3520	3130
							3.2	3170	2070	1700	1480	1380	1260	1930	1660	1480
							46	6980	4560	3740	3260	3040	2780	4250	3660	3260
							3.5	3340	2180	1780	1550	1450	1320	2030	1740	1550
							51	7360	4800	3920	3410	3190	2910	4470	3830	3410

322 HF-1

FLOTATION



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	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)				
		Speed, km/h (mph)											
		Mixed application											
		SW	OD										
mm in	mm in	mm in	mm in	mm in	mm in	Load index	bar psi	static	10 5	15 10	30 19	50 31	
33x16LL-16.1	14	427	851	386	2520	10	127B	2.75	3780	2770	2310	1960	1750
		16.8	33.5	15.2	99.2			40	8330	6100	5090	4320	3850
41x14.00-20 NHS	11	381	1092	493	3224	4	120B	1.7	3020	2210	1850	1570	1400
								25	6650	4870	4070	3460	3080
		15	43	19.4	126.9	6	127B	2.5	3780	2770	2310	1960	1750
								36	8330	6100	5090	4320	3850
44x18.00-20 NHS	14	457	1143	514	3366	6	136A8	2.1	4210	3080	2570	2180	1950
		18	45	20.2	132.5		132B	30	9270	6780	5660	4800	4300

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	PR & LI	OD.	SW	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
			mm in	mm in	mm in	mm in	kg lbs	bar psi	km/h mph
220/55R12	7.00B/7.00-I-90	82A8/82B	550	220	1639	252	475	2.4	40
			21.7	8.7	64.5	9.9	1047	35	25
240/60R12	W7	89A8/89B	592	240	1764	269	580	2.4	40
			23.3	9.4	69.4	10.6	1279	35	25
220/55R14	7JA	93A8/93B	592	220	1797	280	650	3.8	40
			23.3	8.7	71	11	1430	55	25
200/60R15	7JA	83A8/83B	621	197	1856	286	487	2	40
			24.4	7.8	73.1	11.3	1074	28	25
200/65R16	W6	94A8/94B	666	198	1968	309	670	2.4	40
			26.2	7.8	77.5	12.1	1480	35	25
200/70R16	W6	94A8/94B	686	198	1997	330	670	2.4	40
			27	7.8	78.6	13	1477	35	25
240/70R16	W8	104A8/104B	740	245	2190	345	900	2.4	40
			29.1	9.6	86.2	13.6	1980	35	25
260/70R16	W8	109A8/109B	770	260	2295	350	1030	2.4	40
			30.3	10.2	90.4	13.8	2270	35	25
280/70R16	W8	112A8/112B	800	282	2384	363	1120	2.4	40
			31.5	11.1	93.9	14.3	2469	35	25
300/70R20	W9	110A8/110B	954	295	2843	435	1060	1.6	40
			37.6	11.6	111.9	17.1	2340	23	25
320/70R20	W10	113A8/113B	982	320	2926	446	1150	1.6	40
			38.7	12.6	115.2	17.6	2540	23	25
360/70R24	W11	122A8/122B	1152	360	3440	535	1500	1.6	40
			45.4	14.2	135.4	21.1	3310	23	25
380/70R24	W12	125A8/125B	1190	380	3546	540	1650	1.6	40
			46.9	15	139.6	21.3	3640	23	25
420/70R24	W13	130A8/130B	1248	418	3719	563	1900	1.6	40
			49.1	16.5	146.4	22.2	4190	23	25
320/85R28	W10	124A8/124B	1252	328	3741	562	1600	1.6	40
			49.3	12.9	147.3	22.1	3530	23	25
360/70R28	W11x28	125A8/125B	1251	357	3768	575.3	1650	1.6	40
			49.3	14.1	148.3	22.6	3640	23	25

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
				Constant load											
				mm	mm		mm	mm	bar	Static	10	25	30	40	50
260/70R16	W8, W9, W8L	260	770	350	2295	109A8	2.4	2370	1290	1090	1070	1030	1030		
		10.2	30.3	13.8	90.4	109B	35	5230	2840	2400	2360	2270	2270		
360/70R24	W11, W10, W12	360	1152	535	3440	122A8	1.6	3450	1880	1590	1560	1500	1500		
		14.2	45.4	21.1	135.4	122B	23	7610	4150	3510	3440	3310	3310		
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	12680	8270	6130	5910	5510	5510		
340/85R28	W12	343	1289	607.5	3835	127A8	1.6	4030	2630	1940	1870	1750	1750		
		13.5	50.7	23.9	151	127B	23	8890	5800	4280	4120	3860	3860		
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	5980	3900	2890	2780	2600	2600		
280/70R18	W9	282	849	387	2530	114A8	2.4	2710	1480	1250	1230	1180	1180		
		11.1	33.4	15.2	99.6	114B	35	5980	3260	2760	2710	2600	2600		
380/70R20	W12	380	1082	501	3236	122A8	1.6	3450	2250	1670	1610	1500	1500		
		15	42.6	19.7	127.4	122B	23	7610	4960	3680	3550	3310	3310		
480/70R30	W15L	479	1478	669	4420	141A8	1.6	5920	3860	2860	2760	2575	2575		
		18.9	58.2	26.3	174	141B	23	13050	8510	6310	6090	5680	5680		
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	13820	9020	6660	6440	6010	6010		

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Lawn and Turf Application							
				mm	mm		mm	mm	bar	Static	10	25	30	40	50
											in	in	in	in	psi
240/60R12	8.00B	244	593	266	1750	89A8	1.9	1330	730	610	600	580	580		
420/70R24	W7.00	9.6	23.3	10.5	68.9	89B	28	2932	1609	1345	1323	1279	1279		
	W13	418	1248	569	3620	130A8	1.6	4370	2380	2010	1980	1900	1900		
	W12	16.5	49.1	22.4	142.5	130B	23	9634	5247	4431	4365	4189	4189		
	W14L														
220/55R14	7.00	213	598	273	1770	93A8	2.9	1500	810	690	680	650	650		
		8.4	23.5	10.7	69.7	93B	42	3307	1786	1521	1499	1433	1433		

MATERIAL HANDLING



NOTES



EARTHMOVER

RADIAL EARTH MOVER

650

E-3/G-3/L-3

C+C

AS

CUT & CHIP
RESISTANT
COMPOUND
ALL STEEL



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.



OFF ROAD SURFACE MINING

650 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
				mm in	mm in			mm in	mm in	bar psi	Static		5 3	10 6	25 16	bar psi
15.5R25	12.00/1.3	395	1277	563	3858	**	5.75	11360	8020	7100	6040	6.9	12780	10300	9590	8880
L-3/E3		15.6	50.3	22.2	151.9	176A2	83	25040	17680	15650	13320	100	28180	22710	21140	19580
20.5R25	17.00/2.0 17.00/1.7	536	1500	665	4380	**	5.75	18400	13000	11500	9780	6.9	20700	16680	15530	14380
L-3/E3		21.1	59.1	26.2	172.4	193A2	83	40570	28660	25350	21560	100	45640	36770	34240	31700
23.5R25	19.50/2.5	615	1618	719	4730	**	5.75	23200	16390	14500	12330	6.9	26100	21030	19580	18130
L-3/E3		24.2	63.7	28.3	186.2	201A2	83	51150	36130	31970	27180	100	57540	46360	43170	39970
26.5R25	22.00/3.0	695	1738	779	5110	**	5.75	29600	20910	18500	15730	6.9	33300	26830	24980	23130
L-3/E3		27.4	68.4	30.7	201.2	209A2	83	65260	46100	40790	34680	100	73410	59150	55070	50990

650 TRANSPORT AND GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	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	25 16	30 19	35 22	40 25	45 28
15.5R25	12.00/1.3	395	1277	563	3858	**	4.5	5040	4950	4860	4770	4680	4640	4590	4500	4370	
E3/G3		15.6	50.3	22.2	151.9	176A2 160B	65	11110	10910	10710	10520	10320	10230	10120	9920	9630	
20.5R25	17.00/2.0 17.00/1.7	538	1495	708	4550	**	4.5	8180	8030	7880	7740	7590	7520	7450	7300	7080	
E3/G3		21.2	58.9	27.9	179.1	177B	65	18030	17700	17370	17060	16730	16580	16420	16090	15610	
23.5R25	19.50/2.5	605	1611	732	4780	**	4.5	10360	10180	9990	9810	9620	9530	9440	9250	8970	
E3/G3		23.8	63.4	28.8	188.2	185B	65	22840	22440	22020	21630	21210	21010	20810	20390	19780	
26.5R25 E3/G3	22.00/3.0					*	3.5	10080	9900	9720	9540	9360	9270	9180	9000	8730	
		680	1745	778	5110	184B	51	22220	21830	21430	21030	20640	20440	20240	19840	19250	
		26.8	68.7	30.6	201.2	**	4.5	12880	12650	12420	12190	11960	11850	11730	11500	11160	
						193B	65	28400	27890	27380	26870	26370	26130	25860	25350	24600	

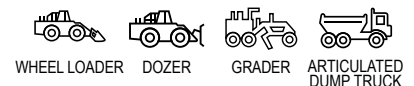
690

E-3/G-3/L-3

C+C

AS

CUT & CHIP
RESISTANT
COMPOUND
ALL STEEL



Alliance 690 is a modern wide-base, all-steel radial tire for all types of earthmoving equipment. Its unique tread design and sophisticated construction enable superior performance and high mileage coupled with smoother rides. The all steel construction ensures low downtime and higher productivity.



OFF ROAD SURFACE MINING

690 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
				mm in	mm in			mm in	mm in	bar psi	Static		5 3	10 6	25 16	bar psi
17.5R25		477	1345	619	3994	**	5.75	13600	9610	8500	7230	6.9	15300	12330	11480	10630
L-3/E3	14.00/1.5	17.6	53	24.4	157.3	182A2	83	29980	21190	18740	15940	100	33730	27180	25310	23440
All Steel																

690 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in			15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
17.5R25	14.00/1.5	477	1345	619	3994	**	4.5	6100	6000	5890	5780	5670	5610	5560	5450	5290
E3/L3		17.6	53	24.4	157.3	167B	65	13450	13230	12990	12740	12500	12370	12260	12020	11660

655

G-2/L-2

C+C

SC

AS

CUT & CHIP
RESISTANT
COMPOUND

SPECIAL
COMPOUND

ALL STEEL



GRADER

WHEEL LOADER

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.



WET SURFACE



MUD & SNOW



655 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)				Speed, km/h (mph)				
								mm in	mm in	mm in		mm in	bar psi	Static	5 3	10 6
15.5R25	12.00/1.3	400	1274	564	3804	*	4.5	10440	8410	7830	7250	9280	6550	5800	4930	7250
		15.7	50.2	22.2	149.8	169A2	65	23020	18540	17260	15980	20460	14440	12790	10870	15970
17.5R25	14.00/1.5	440	1349	614	4046	176A2	4.5	12780	10300	9590	8880	11360	8020	7100	6040	8880
		17.3	53.1	24.2	159.3		65	28180	22710	21140	19580	25040	17680	15650	13320	19560
20.5R25	17.00/2	522	1496	662	4486	*	4.5	17100	13780	12830	11880	15200	10740	9500	8080	11880
		20.6	58.9	26.1	176.6	186A2	65	37700	30380	28290	26190	33510	23680	20940	17810	26170

655 TRANSPORT AND GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	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	25 16	30 19	35 22	40 25
14.00R24	10.00VA 9.00/1.5 8.00TG	385	1364	623	4065	153A8	3.75	3650	3650	3650	3650	3650	3650	3500	3320	3140
		15.2	53.7	24.5	160		54	8040	8040	8040	8040	8040	8040	7710	7390	6920
15.5R25	12.00/1.3	400 15.7	1274 50.2	579 22.8	3804 149.8	152B	3	3270	3210	3150	3090	3030	3000	2850	2730	—
							44	7200	7070	6940	6810	6670	6610	6280	6010	—
							3.5	3980	3910	3830	3760	3690	3660	3620	3550	3480
							51	8770	8610	8440	8280	8130	8060	7970	7490	7670
17.5R25	14.00/1.5	440 17.3	1349 53.1	621 24.4	4046 159.3	157B	3	3980	3910	3830	3760	3690	3650	3470	3320	—
							44	8770	8610	8440	8280	8130	8040	7640	7310	—
							3.5	4620	4540	4460	4370	4290	4250	4210	4125	4040
							51	10180	10000	9820	9630	9450	9360	9270	8700	8900
20.5R25	17.00/2	522 20.6	1496 58.9	688 27.1	4486 176.6	168B	3	5040	4950	4860	4760	4670	4625	4390	4210	-
							44	11100	10900	10700	10480	10290	10190	9670	9270	-
							3.5	6270	6160	6050	5940	5820	5770	5710	5600	5490
							51	13810	13570	13330	13080	12820	12710	12580	11810	12090

Highlighted rows indicate grader application

655 EARTH MOVER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					Load Capacity for Earth Mover application kg (lbs)								
							bar psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
15.5R25	12.00/1.3-25	399	1275	561	3680	160B	5.25	5000	4875	4750	4625	4500	4250	4000	3320	3140
		15.7	50.2	22.1	144.9	169A2	76	11020	10750	10470	10200	9920	9370	8820	7390	6920
17.5R25	14.00-25	440	1349	725	4841	167B	5.25	6100	6000	5780	5610	5450	5120	4800	3550	3480
		17.3	53.1	28.5	190.6	176A2	76	13450	13230	12740	12370	12020	11290	10580	7490	7670
20.5R25	17.00/2.0-25	529	1490	642	4440	177B	5.25	8250	8000	7750	7500	7300	6900	6500	4125	4040
		20.8	58.7	25.3	174.8	186A2	76	18190	17640	17090	16540	16090	15210	14330	8700	8900

600

E-2/L-2/G-2



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.



OFF ROAD SURFACE MINING

600 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)				Speed, km/h (mph)				
								bar psi	Static	5 3		10 6	25 16	bar psi	Static	5 3
15.5R25 L2	12.00/1.3	391	1274	576	3760	*	4.5	9280	6550	5800	4930	5.4	10440	8410	7830	7250
		15.4	50.2	22.7	148	169A2	65	20460	14440	12790	10870	78	23020	18540	17260	15980
17.5R25 L2	14.00/1.5	445	1345	594	3920	*	4.5	11360	8020	7100	6040	5.4	12780	10300	9590	8880
		17.5	53	23.4	154.3	176A2	65	25040	17680	15650	13320	78	28180	22710	21140	19580

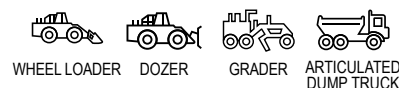
600 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
15.5R25 E2 / G2	12.00/1.3	391	1274	591	3830	*	3.5	3980	3910	3830	3760	3690	3660	3620	3550	3440
		15.4	50	23.3	150.8	152B	51	8770	8620	8440	8290	8140	8070	7980	7830	7580
17.5R25 E2 / G2	14.00/1.5	445	1345	614	4000	157B	3.5	4620	4540	4460	4370	4290	4250	4210	4125	4000
		17.5	53	24.2	157.5		51	10190	10010	9830	9630	9460	9370	9280	9090	8820

BIAS EARTH MOVER

308

G-2/L-2



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.



OFF ROAD SURFACE MINING



OFF ROAD CONSTRUCTION

308 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
				mm in	mm in			mm in	mm in	bar psi	Static		5 3	10 6	25 16	bar psi
15.5-25 L-2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	12 168A2	4 58	8960 19750	6330 13960	5600 12350	4480 9877	4.8 70	10080 17900	8120 22220	7560 16670	7000 15430
		17.5-25 L-2	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	12 171A2	3.5 51	9840 21690	6950 15320	6150 13560	5230 11530	4.2 61	11070 24410	8920 19670
16 177A2	4.75 69							11680 25750	8250 18190	7300 16090	6210 13690	5.7 83	13140 28970	10590 23350	9860 21740	9130 20130
16 181A2	3.5 51							13200 29070	9320 20530	8250 18170	7010 15440	4.2 61	14850 32710	11960 26340	11140 24540	10310 22710
20 186A2	4.5 65							15200 33480	10740 23660	9500 20930	8080 17800	5.4 78	17100 37670	13780 30350	12830 28260	11880 26170

308 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	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	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
15.5-25 308 L2 G2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	12 149B	2.5 36	3640 8030	3580 7890	3510 7740	3450 7610	3380 7450	3350 7390	3310 7300	3250 7170	- -
17.5-25 308 L2 G2	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	12 153B 16 158B	2.25 33 3 44	4090 9020 4760 10490	4020 8860 4680 10320	3940 8690 4590 10120	3870 8530 4510 9940	3800 8380 4420 9740	3760 8290 4380 9660	3720 8200 4340 9570	3650 8050 4250 9370	3540 7800 4120 9080
20.5-25 308 L2 G2	17	520 20.5	1492 58.7	658 25.9	4340 170.9	16 167B 20 170B	2.75 40 3.25 47	6100 13450 6720 14820	6000 13230 6600 14550	5890 12990 6480 14290	5780 12740 6360 14020	5670 12500 6240 13760	5610 12370 6180 13630	5560 12260 6120 13490	5450 12020 6000 13230	5290 11660 5820 12830

302 E-2/L-2/G-2



Alliance 302 is a heavy duty implement tire for industrial application and for all types of hard services. 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.



302 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road				Hard Improved Surfaces					
							Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
		Speed, km/h (mph)						Speed, km/h (mph)								
		SW mm in	OD mm in					bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6
15.5-25 L2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	12 168A2	4 58	8960 19750	6330 13960	5600 12350	4760 10490	4.8 70	10080 22220	8120 17900	7560 16670	7000 15430

302 IMPLEMENT

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

302 TRACTOR HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Industrial Use					Agricultural Use				
							Infl. press	Recommended load, kg (lbs) Speed, km/h (mph)				Infl. press	Recommended load, kg (lbs) Speed, km/h (mph)			
		Constant load						Cyclic Application		Field			Road Transport			
		SW mm in	OD mm in					mm in	mm in	bar psi	20 12	40 25	20 12	40 25	bar psi	10 6
14.9-28	W13	378	1343	606	3962	12	3.1	3430	3150	3870	3150	2.7	2530	3160	2360	2150
	W12	378	1343	606	3962	148A8	45	7560	6950	8530	6950	39	5580	6970	5200	4740
16.9-28	W15L W14 DW14					12	2.6	3870	3550	4370	3550	2.4	2920	3650	2725	2480
						152A8	38	8530	7830	9630	7830	44	9300	8540	10520	8540
						14	3	4220	3875	4770	3875	2.8	3210	4020	3000	2730
						155A8	35	6440	8050	6010	5470	41	7080	8860	6610	6020

302 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	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	25 16	30 19	35 22	40 25	45 28	50 31	55 34
15.5-25 E2	12SDC					8	1.75	2880	2830	2780	2730	2680	2650	2630	2575	2500
						141B	25	6340	6230	6120	6010	5900	5840	5790	5670	5510
						10	2.25	3360	3300	3240	3180	3120	3090	3060	3000	2910
						146B	33	7400	7270	7140	7000	6870	6810	6740	6610	6410
						12	2.5	3640	3580	3510	3450	3380	3350	3320	3250	3150
						149B	36	8020	7890	7730	7600	7440	7380	7310	7160	6940
						14	2.75	3980	3910	3830	3760	3690	3660	3620	3550	3440
						152B	40	8770	8610	8440	8280	8130	8060	7970	7820	7580

307

G-2/L-2

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.



OFF ROAD SURFACE MINING



OFF ROAD CONSTRUCTION



SIZE	PR	RIM	TYPE	O.D.	SW	SLR	RC	Recommended Load Capacity (For Grader)		Recommended Load Capacity (For Loader/Dozer / Tele-handler)	
				mm in	mm in	mm in	mm in	Inflation Pressure	40 Km/h	Inflation Pressure	10 Km/h
14.00-24	12	8.00TG	TL	1338	360	607	3910	2.5	3075	4.25	6300
				52.7	14.2	23.9	153.9	36	6800	62	13900
	16	8.00TG	TL	1338	360	607	3910	3.5	3650	5.5	7300
				52.7	14.2	23.9	153.9	51	8050	80	16100
13.00-24	12	8.00TG	TL	1270	330	579	3728	3	2725	4.5	5600
				50	13	22.8	146.8	44	6000	65	12300
15.5-25	12	12TU	TL	1278	390	584	3763	2.5	2650	4	5600
				50.3	15.4	23	148.2	36	5840	58	12300
17.5-25	16	14TU	TL	1347	440	597	3940	2.8	3350	4.75	7300
				53	17.3	23.5	155.1	40	7400	69	16100
20.5-25	16	17	TL	1493	518	674	4445	2.3	4000	3.5	8250
				58.8	20.4	26.5	175	33	8800	51	18200

AL 318

E-3/L-3

HEAT
RESISTANT
COMPOUNDSPECIAL
COMPOUNDRIGID DUMP
TRUCKRUBBER TIRE
GANTRYWATER
SPRINKLERARTICULATED
DUMP TRUCK

DOZER

WHEEL
LOADER

Alliance AL 318 Loader Dozer is a massive heavy-duty tire that provides better gripping in construction, mining, logging and rock service jobs. It has an all-round centre tread belt which makes it a tough tire. This tubeless tire made of nylon construction has extra wide lugs providing superior traction and long mileage. It is a non-directional tire built with a special compound that resists cuts, chipping and wear.



OFF ROAD SURFACE MINING



OFF ROAD CONSTRUCTION



HARD IMPROVED SURFACE



318 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces						
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)						
								Speed, km/h (mph)				Speed, km/h (mph)						
								mm in	mm in	mm in		mm in	bar psi	Static	5 3	10 6	25 16	bar psi
17.5-25 L-3	14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	12	3.5	9840	6950	6150	5230	4.2	11070	8920	8300	7690		
						171A2	51	21690	15320	13560	11530	61	24380	19650	18280	16940		
						16	4.75	11680	8250	7300	6210	5.7	13140	10590	9860	9130		
						177A2	69	25750	18190	16090	13690	83	28940	23330	21720	20110		
18.00-25 L-3	13	498 19.6	1617 63.7	726 28.6	4760 187.4	40	9.5	27200	-	17000	14450	11.4	30600	24650	22950	21250		
						206A2	138	59970	-	37480	31860	165	67400	54300	50550	46810		
20.5-25 L-3	17	520 20.5	1492 58.7	658 25.9	4340 170.9	16	3.5	13200	9320	8250	7010	4.2	14850	11960	11140	10310		
				673.1 26.5	4329 170.4	181A2	51	29100	20550	18190	15450	61	32710	26340	24540	22710		
						20	4.5	15200	10740	9500	8080	5.4	17100	13780	12830	11880		
						186A2	65	33510	23680	20940	17810	78	37670	30350	28260	26170		
23.5-25 L-3	19.5	597 23.5	1617 63.7	704.9 27.8	4795 188.8	20	3.7	17440	12320	10900	9270	4.5	19620	15810	14720	13630		
						191A2	54	38450	27160	24030	20440	65	43220	34820	32420	30020		
26.5-25 L-3	22.00/3.0	673 26.5	1750 68.9	742.2 29.4	5068 202.2	20	3.5	21120	14920	13200	11220	4.2	23760	19140	17820	16500		
				29.2 202.2	199.5 202.2	198A2	51	46560	32890	29100	24740	61	52330	42160	39250	36340		
				747.9 29.4	5136 202.2	24	4	22400	15820	14000	11900	4.8	25200	20300	18900	17500		
						200A2	58	49380	34880	30870	26240	70	55510	44710	41630	38550		
						751.3 29.6	5126 201.8	28	4.75	24800	17520	15500	13180	5.7	27900	22480	20930	19380
						203A2	69	54680	38630	34170	29060	83	61450	49520	46100	42690		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16
29.5-25 L-3	25.00/3.5					22	3.25	24000	16950	15000	12750	3.9	27000	21750	20250	18750
		750	1873	819	5420	202A2	47	52910	37370	33070	28110	57	59470	47910	44600	41300
		29.5	73.7	32.2	213.4	32	5	30400	21470	19000	16150	6	34200	27550	25650	23750
						210A2	73	67020	47330	41890	35610	87	75330	60680	56500	52310

318 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	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	25 16	30 19	35 22	40 25	45 28	50 31
17.5-25 E-3	14 14SDC	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
18.00-25 E-3	13	498 19.6	1617 63.7	726 28.6	4760 187.4	40	7	10920	10730	10530	10340	10140	10040	9950	9750	9460
						187B	102	24070	23660	23220	22800	22360	22130	21940	21500	20860
20.5-25 E-3	17	520 20.5	1492 58.7	658 25.9	4340 170.9	16	2.75	6100	6000	5890	5780	5670	5610	5560	5450	5290
						167B	40	13450	13230	12990	12740	12500	12370	12260	12020	11660
						20	3.25	6720	6600	6480	6360	6240	6180	6120	6000	5820
						170B	47	14820	14550	14290	14020	13760	13630	13490	13230	12830
23.5-25 E-3	19.5	597 23.5	1617	716 28.2	4720 185.8	16	2.25	6890	6770	6640	6520	6400	6330	6270	6150	5970
						171B	33	15190	14930	14640	14370	14110	13960	13820	13560	13160
						20	3	8180	8030	7880	7740	7590	7520	7450	7300	7080
						177B	44	18030	17700	17370	17060	16730	16580	16420	16090	15610
26.5-25 E-3	22.00/3.0	673 26.5	1750 68.9	770 30.3	5080 200	20	2.5	9240	9080	8910	8750	8580	8500	8420	8250	8000
						181B	36	20370	20020	19640	19290	18920	18740	18560	18190	17640
						24	3	10360	10180	9990	9810	9620	9530	9440	9250	8970
						185B	44	22840	22440	22020	21630	21210	21010	20810	20390	19780
						28	3.5	11200	11000	10800	10600	10400	10300	10200	10000	9700
						188B	51	24690	24250	23810	23370	22930	22710	22490	22050	21390
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
						32	3.75	14370	14090	13810	13540	13270	13010	12750	12500	12130
						196B	54	31680	31060	30450	29850	29260	28680	28110	27560	26740

310

E-3/L-3/G-3



Alliance 310 pattern is constructed for heavy-duty jobs. The tough tread design ensures high mileage even on the most abrasive surfaces. This is a directional tire built with weather and ozone-resistant compounds. Its nylon construction gives it long life.



310 GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	Speed Symb.	bar psi	15 9	20 12	25 16	30 19	35 22
16.00-24TG G-3 TG	10.00VA	432 17	1493 58.8	685 27	4450 175.2	12	2.25	3980	3910	3830	3760	3690	3650	3580	3540	—
						153A8	33	8770	8620	8440	8290	8140	8050	7890	7800	—
						20	3.75	5610	5510	5410	5300	5200	5150	5050	5000	—
						165A8	54	12370	12150	11930	11680	11460	11350	11130	11020	—

310 DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)				Speed, km/h (mph)				
								mm in	mm in	mm in		mm in	bar psi	Static	5 3	10 6
16.00-24 L-3	11.25	432 17	1493 58.8	685 27	4450 175.2	20	5.5	15600	11020	9750	8290	6.6	17550	14140	13160	12190
						187A2	80	34390	24300	21500	18280	96	38690	31170	29010	26870
						24	6.5	16960	11980	10600	9010	7.8	19080	15370	14310	13250
						190A2	94	37390	26410	23370	19860	113	42060	33890	31550	29210
16.00-25 L-3	11.25	432 17	1493 58.8	686 27	4460 175.6	28	7.5	18400	13000	11500	9780	9	20700	16680	15530	14380
						193A2	109	40570	28660	25350	21560	131	45640	36770	34240	31700
						32	8.75	20000	14130	12500	10630	10.5	22500	18130	16880	15630
						196A2	127	44090	31150	27560	23440	152	49600	39970	37210	34460

310 TRANSPORT / RDT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
16.00-25 E-3	11.25	432 17	1493 58.8	686 27	4460 175.6	28	5.75	7500	7370	7240	7100	6970	6900	6830	6700	6500
						174B	83	16540	16250	15960	15650	15370	15210	15060	14770	14330
						32	6.5	8180	8030	7880	7740	7590	7520	7450	7300	7080
						177B	94	18030	17700	17370	17060	16730	16580	16420	16090	15610

311

IND-4

Alliance Super Trac 311 is a premium all purpose tire for Mining, Industrial & Port applications. The 311 is highly versatile and modern design. Ideal for Backhoe loaders, Rigid Dump trucks (25ton), port and other mining applications. Robust nylon casing & reinforced high strength bead provides excellent stability. Special tread compound for extra long life even on abrasive surfaces. High ground contact area for good traction on paved surfaces. Continuous lug pattern help to mitigate the chances of lug chunking and tire damage. High turn up around bead results in less flexing in bead area, which protects the bead and minimize the chances of bead failure. Higher ground contact area ensures low ground pressure. This results in more life and uniform wear. The Super Trac 311 has high lateral stability, enabling it to carry heavy load on concrete /hard surfaces. Extra thick side wall limits flexing during operation, thus lesser heat is generated. This reduces the probability of sidewall damage and results in longer service life of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press bar psi	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					Static	Creep	5 3	10 6	25 16
14.00-24	10	375	1368	605	4089	28	10	18000	16000	14500	13500	12500
		14.8	53.9	23.8	161		145	39680	35270	31970	29760	27560

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in				mm in	mm in	bar psi	Static	Creep	5 3	10 6	15 9
14.00-25	25	375	1368	620.8	4095	20	4.8							
		14.8	53.9	24.4	161.2	69								
21.00-25		580	1750	765	5128	40	10	37100	33000	29900	27800	26800	26200	25800
		22.8	68.9	30.1	201.9	A2	145	81790	72750	65920	61290	59080	57760	56880

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

210 SUPER TRANSPORT LUG

E-2/L-2



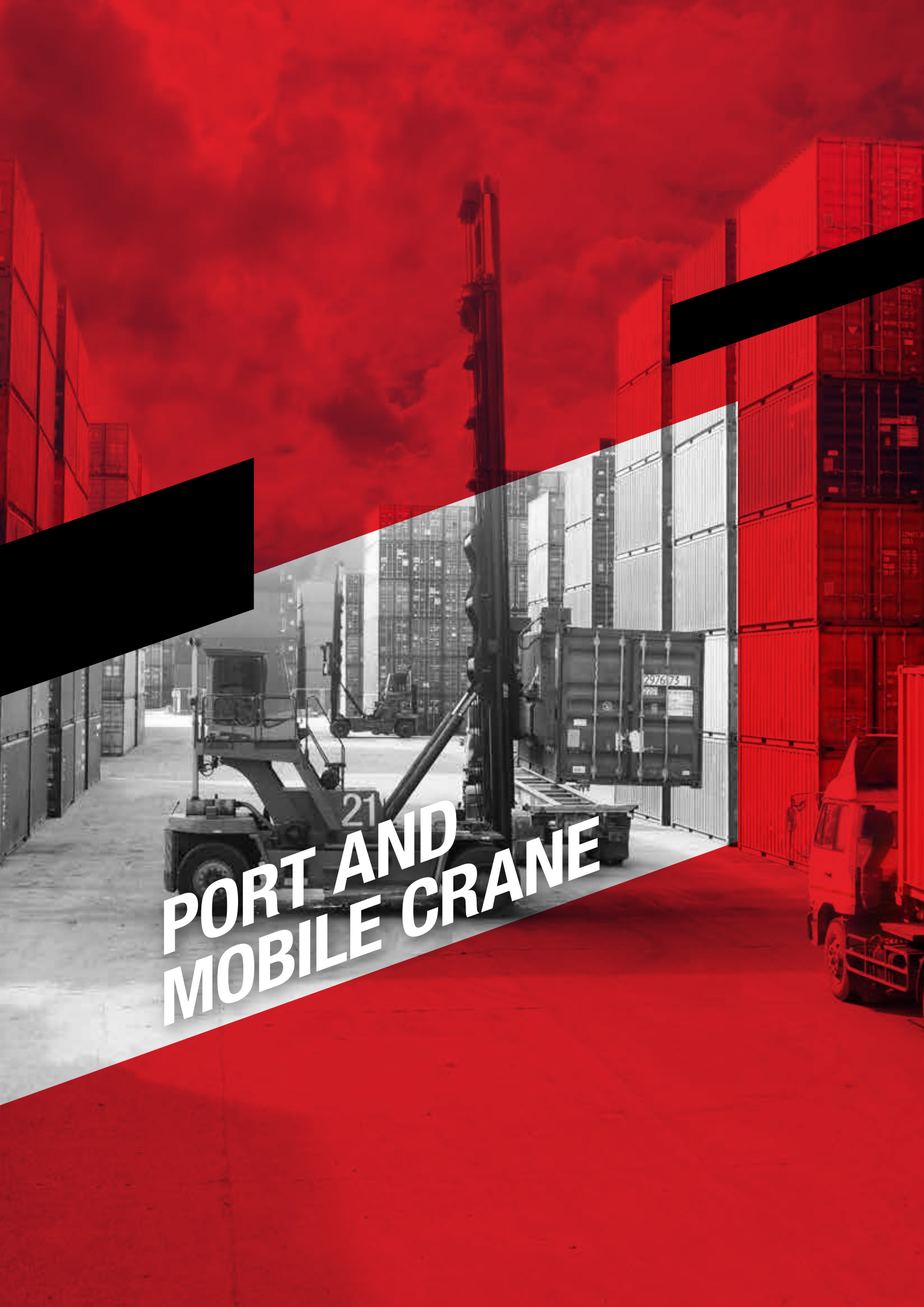
Alliance 210 Super Transport Lug tire is engineered to carry heavy loads on all types of surfaces such as sand, rock, mud, snow, etc. Its special tread design provides good traction and high mileage. The cap and base tread construction coupled with a strong nylon carcass ensures smooth running and long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



OFF ROAD SURFACE MINING



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	PR L/LS	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in				bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50
11.00-20 EM	8 8.00V 8.0V5° 8.5 8.50V 8.5V5°	293 11.5	1104 43.5	516 20.3	3355 132.1	D									
						16	7.2 104	4790 10560	4350 9590	3630 8000	3340 7360	3250 7170	3190 7030	3050 6720	2900 6390
						150F									
						S									
						16	7.9 115	5530 12190	5030 11090	4190 9240	3850 8490	3750 8270	3690 8140	3520 7760	3350 7390
						150F									
12.00-20 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1145 45.1	534 21	3514 138.4	D									
						16	6.6 96	5200 11460	4730 10430	3940 8690	3620 7980	3530 7780	3470 7650	3310 7300	3150 6950
						152F									
						S									
						16	7.2 104	5860 12920	5330 11750	4440 9790	4080 9000	3980 8770	3910 8620	3730 8220	3550 7830
						152F									
						D									
						18	7.2 104	5530 12190	5030 11090	4190 9240	3850 8490	3750 8270	3690 8140	3520 7760	3350 7390
						154F									
						S									
						18	7.9 115	6190 13650	5630 12410	4690 10340	4310 9500	4200 9260	4130 9110	3940 8690	3750 8270
						154F									
12.00-24 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1247 49.1	585 23	3355 132.1	D									
						20	7.6 110	5810 12810	5280 11640	4400 9700	4050 8930	3940 8690	3870 8530	3700 8160	3520 7760
						156F									
						S									
						20	8.3 120	6600 14550	6000 13230	5000 11020	4600 10140	4480 9880	4400 9700	4200 9260	4000 8820
						156F									
12.00-24 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1247 49.1	585 23	3355 132.1	D									
						20	7.9 115	6600 14550	6000 13230	5000 11020	4600 10140	4480 9880	4400 9700	4200 9260	4000 8820
						160F									
						S									
12.00-24 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1247 49.1	585 23	3355 132.1	20	8.6 125	7430 16380	6750 14880	5630 12410	5180 11420	5040 11110	4950 10910	4730 10430	4500 9920
						160F									

A photograph of a port yard with a mobile crane and shipping containers. The image is split diagonally: the top half is red-tinted, and the bottom half is black and white. The crane is in the center, with its boom extended. It is surrounded by stacks of shipping containers. A truck is visible on the right. The text "PORT AND MOBILE CRANE" is overlaid on the bottom half of the image.

PORT AND MOBILE CRANE

PORT

505

IND-3

SC

AS

SPECIAL
COMPOUND

ALL STEEL



TERMINAL
TRACTOR

Alliance 505 is a specially designed tire for terminal tractor operations at ports and terminals. The tire has deep treads that provide long service life and is suitable for operating on all types of wheel positions, drive and steering axles. Unique tread design and special rubber compound ensure a low wear rate. An all-steel construction gives excellent casing durability and protects the tire from external damages, while allowing high speeds with high loads.



HARD IMPROVED SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD Tread Depth	Load Index Speed Symb.	Speed	For all axles								
		SW	OD						Inflation Pressure bar (psi)								
		mm in	mm in	mm in	mm in	mm 1/32in		km/h mph	6 87	6.5 94	7 102	7.5 109	8 116	8.5 123	9 131	9.5 138	10 145
280/75R22.5							172A5	25	4230	4500	4770	5030	5290	5550	5800	6050	6300
	7.5	275	996	451	3043	31	172A5	16	9320	9910	10510	11080	11650	12220	12780	13330	13880
	8.25	10.8	39	17.8	119.8	39.1	168A8	40	3770	4010	4250	4480	4710	4940	5160	5380	5600
								25	8300	8830	9360	9870	10370	10880	11370	11850	12330

PORT STAR 309

IND-3

SC

HRC

WRC

SPECIAL
COMPOUND

HEAT
RESISTANT
COMPOUND

WEAR
RESISTANT
COMPOUND



CONTAINER
HANDLER

HEAVY DUTY
FORKLIFT

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.



HARD IMPROVED SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Load Capacity for Industrial (Harbour) applications				
		SW	OD						Speed km/h (mph)				
		mm in	mm in	mm in	mm in		Static	1 1	5 3	10 6	25 16		
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi	Static	1 1	5 3	10 6	25 16
14.00-24	10.00/1.5	375	1368	615.85	4135	28	196A5	10	18000	16000	14500	13500	12500
		14.8	53.9	24.2	162.8			145	39680	35270	31970	29760	27560

315 PORT STAR PLUS

IND-4.5

SC

HRC

WRC

SPECIAL
COMPOUND

HEAT
RESISTANT
COMPOUND

WEAR
RESISTANT
COMPOUND



REACH
STACKER

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.



HARD IMPROVED SURFACE



Size	Rim Width in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Industrial (Harbour) applications							
		SW	OD				Infl. Pressure	Speed km/h (mph)						
				mm in	mm in			mm in	mm in	Static	1 1	5 3	10 6	25 16
18.00-25 E 4.5	13	498	1673	762	4952	40	10	31500	28000	25400	23600	21900		
		19.6	65.9	30	195		145	69446	61729	55997	52029	48281		

AL 318

IND-4

SC

SPECIAL COMPOUND

HRC

HEAT RESISTANT COMPOUND



RUBBER TIRE GANTRY

Alliance AL 318 is designed for port use (paved surface). This tire is designed especially for Rubber Tire Gantry. High tread to void ratio and larger tread width provides very high ground contact area for good traction on paved surfaces.



HARD IMPROVED SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Load Capacity for Industrial (Harbour) applications				
		SW	OD						Speed km/h (mph)				
		mm in	mm in	mm in	mm in		Static	1 1	5 3	10 6	25 16		
		Speed	bar	Symbol	psi								
18.00-25	13	498	1618	727	4915	40	—	10	31500	28000	25400	23600	21900
E-3		19.6	63.7	28.6	193.5			145	69446	61729	55997	52029	48281

609

IND-4

AS

ALL STEEL

SC

SPECIAL COMPOUND



INDUSTRIAL FORKLIFT



CONTAINER HANDLER

609 is a radial construction tire that allows the sidewall and the tread to function as two independent features of the tire. The sidewall flex is not transmitted to the tread ensuring the footprint only lengthens with minimal transversal slip. The increased flexibility and strength helps in absorbing shocks. Reinforced tread and sidewalls combined with casing specially designed for port applications provide effective protection against damage and abrasion. It also results in low operational costs and improved productivity.



HARD IMPROVED SURFACE



SIZE	P.R.	TYPE	RIM	O.D.	S.W.	SLR	L.C.C.	A.P.	SP
				mm in	mm in	mm in	kgs lbs	bar psi	kmph mph
16.00R25*	**	TL	11.25/2.0	1525 60	434 17.1	684 26.9	15000 33069	10 145	25 16

610

IND-4

AS

ALL STEEL

SC

SPECIAL COMPOUND



REACH STACKER

Alliance 610 is a highly versatile and modern design tire. It has a strong casing due to reinforced tread and sidewalls. The 610 gives effective protection against damage and abrasion. It also has lower operational cost and hence improved productivity. Radial construction allows the sidewall and the tread to function as two independent features of the tire; sidewall flex does not transmit to the tread ensuring the footprint only lengthens with minimal transversal slip and increases its shock absorbing strength.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD Tread Depth	Load Index Speed Symb.	Speed	For all axes							
		SW	OD						Inflation Pressure bar (psi)							
		mm in	mm in						mm in	mm in	mm 1/32in	km/h mph	6 87	6.5 94	7 102	7.5 109
18.00R25*						214A5			UNDER DEVELOPMENT							

SUPER TRAC 311 IND-4



Alliance Super Trac 311 is a premium all purpose tire for Mining, Industrial & Port applications. The 311 is highly versatile and modern design. Ideal for Backhoe loaders, Rigid Dump trucks (25ton), port and other mining applications. Robust nylon casing & reinforced high strength bead provides excellent stability. Special tread compound for extra long life even on abrasive surfaces. High ground contact area for good traction on paved surfaces. Continuous lug pattern help to mitigate the chances of lug chunking and tire damage. High turn up around bead results in less flexing in bead area, which protects the bead and minimize the chances of bead failure. Higher ground contact area ensures low ground pressure. This results in more life and uniform wear. The Super Trac 311 has high lateral stability, enabling it to carry heavy load on concrete /hard surfaces. Extra thick side wall limits flexing during operation, thus lesser heat is generated. This reduces the probability of sidewall damage and results in longer service life of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					Load Capacity for Industrial applications (Port application)				
		mm in	mm in					Static kmph	Creep kmph	5 3	10 6	25 16
14.00-24	10	375	1368	630 24.8	4090 161.0	28	10 145	18000 39680	16000 35270	14500 31970	13500 29760	12500 27560

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure bar	Recommended Load						
		SW	OD					Speed						
		mm	mm					ECH and Heavy Duty Forklift						
		mm	mm					NaN kmph	Static kmph	5 kmph	10 kmph	15 kmph	20 kmph	25 kmph
16.00-25	11.25/2.0X25	432 17	1493 58.8	658 25.9	4423 174.1	32 A2	10	16000	18000	14520	13520	13000	12720	12520
							145	35270	39680	32010	29810	28660	28040	27600
							10	20000	22500	18150	16900	16250	15900	15650
							145	44090	49600	40010	37260	35830	35050	34500

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	Inflation Pressure bar	Recommend load						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					Load Capacity for Industrial applications (Port application)						
		mm in	mm in					Max Load Capacity kgs/ (lbs)						
18.00-25	13.00X25	500	1670	762	4945	40	10	31500	28000	25400	23600	22800	22000	21900
		19.7	65.7	30	194.7	Load Wheel	145	69450	61730	56000	52030	50270	48500	48280

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure bar	Recommended Load													
		SW	OD					Speed													
		mm in	mm in					Load Wheel													
		mm in	mm in					Static kmph	Creep kmph	5 kmph	10 kmph	15 kmph	20 kmph	25 kmph	Static kmph	Creep kmph	5 kmph	10 kmph	15 kmph	20 kmph	25 kmph
18.00-33	13x25	500	1870	860	5535	40	10	33300	29600	26800	24970	24050	23490	23120	26640	23680	21460	19980	19240	18800	18500
		19.7	73.6	33.9	217.9		145	73410	65260	59080	55050	53020	51790	50970	58730	52210	47310	44050	42420	41450	40790

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 Circumference	Load Index PR Symbols	Inflation Pressure bar	Recommended Load													
		SW	OD					Speed													
		mm in	mm in					Load Wheel													
		mm in	mm in					Static kmph	Creep kmph	5 kmph	10 kmph	15 kmph	20 kmph	25 kmph	Static kmph	Creep kmph	5 kmph	10 kmph	15 kmph	20 kmph	25 kmph
18.00-25	13x25	505	1673	735	4547	40	10	28800	25600	23200	21600	20800	20320	20000	23040	20480	18560	17280	16640	16250	16000
		19.9	65.8	28.9	179		145	63490	56440	51150	47620	45860	44800	44090	50790	45150	40920	38100	36690	35830	35270

775

IND-3



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 Size in	Unloaded dimension		Static Loaded Radius	RC	Load Index/Speed Symbol	Inflated Pressure	Recommended Load Speed						
		OD	SW					ECH and Heavy duty forklift						
		mm	mm					Static	Creep	5	10	15	20	25
		in	in							3	5	10	12	15
12.00-24	8.50	1245	315	585	3808	20	10	12420	11040	10000	9310	8970	8760	8620
		63.7	19.6	28.6	193.5	A2	145	27380	24340	22050	20530	19780	19310	19000

FORKLIFT



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	P.R. & LI	RIM	O.D.	S.W.	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
			mm in	mm in	mm in	mm in	kg lbs	bar psi	kmph mph
6.50-10 NHS	12	5.00F	602	183	1714	266	2150	9.7	15
			23.7	7.2	67.5	10.5	4740	141	9
7.00-12 NHS	12	5.00S	683	192	1956	304	2720	8.8	15
			26.9	7.6	77	12	5997	128	9
250-15 NHS	16	7.50BD	735	250	2163	336	4285	9.3	15
			28.9	9.8	85.2	13.2	9447	135	9
28X9-15 (8.15-15) NHS	14	7.0BD	706	221	2064	321	3415	9.7	15
			27.8	8.7	81.3	12.6	7529	141	9
300-15 NHS	20	8.0	840	300	2434	378	6575	9.3	15
			33.1	11.8	95.8	14.9	14495	135	9
7.50-15 NHS	12	6.00BD	808	215	2327	361	3490	7.9	15
			31.8	8.5	91.6	14.2	7694	115	9
8.25-15 NHS	14	6.5	847	236	2427	377	4255	8.3	15
			33.3	9.3	95.6	14.8	9381	120	9
5.00-8 NHS	10	3.00D	469	131	1339	208	1250	10	15
			18.5	5.2	52.7	8.2	2756	145	9
6.00-9 NHS	10	4.00E	544	165	1549	240	1685	8.6	15
			21.4	6.5	61	9.4	3715	125	9

309

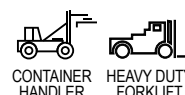
F.3



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.



HARD IMPROVED SURFACE



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load													
		SW mm in	OD mm in					Speed					Steer Wheel								
				Load Wheel					Steer Wheel												
				4 kmph	10 kmph	15 kmph	25 kmph	NaN kmph	Static kmph	20 kmph	4 kmph	10 kmph	15 kmph	25 kmph	NaN kmph	Static kmph	20 kmph				
14.00-24NHS	10.00/1.5	375	1368	616	4135	28	10	15200	17100	13800	12850	12350	12050	11900	11040	10280	9880	9520	12160	13680	9640
	10.00 10.00VA	14.8	53.9	24.3	162.8		145	33510	37700	30420	28330	27230	26570	26240	24340	22660	21780	20990	26810	30160	21250

MOBILE CRANE

630

E-2

SC

SPECIAL
COMPOUND

AS

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.



HARD IMPROVED SURFACE



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend 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	60 40	70 44	80 50	90 56	100 62
16.00R25 All Steel	11.25/2.0	435 17.1	1486 58.5	691 27.2	4578 180.2	174F	9	16750	14070	12060	10050	8380	7710	7500	7200	7040	6700	6400	-
							131	36930	31020	26590	22160	18480	17000	16540	15870	15520	14770	14110	-
						177E	9	20810	16790	13510	10220	9490	9050	8610	7740	7300	5990	5110	4380
							131	45880	37020	29780	22530	20920	19950	18980	17060	16090	13210	11270	9660

636

E-2

HRC

HEAT
RESISTANT
COMPOUND

SC

SPECIAL
COMPOUND

AS

ALL STEEL

C+C

CUT&CHIP
RESISTANT
COMPOUND

 POWER
TRAIN  HIGH SPEED
MOBILE CRANE

636 is a massive radial tire for heavy duty applications and long distance transportation. It is designed for highway service at high speeds. The strong all steel casing of the tire ensures excellent durability, even tread wear and long life. The massive blocked tread pattern gives maximum traction and high road grip and is suitable for both on and off road.



HARD IMPROVED SURFACE



OFF ROAD SURFACE MINING



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
							Speed, km/h (mph)									
		SW	OD	Free rolling				Drive Wheel								
		mm in	mm in	mm in	mm in		Load index	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
							speed Sym									
385/95R25* (14.00R25)						170E			————— UNDER DEVELOPMENT —————							

639

E-2

HRC

HEAT
RESISTANT
COMPOUND

SC

SPECIAL
COMPOUND

AS

ALL STEEL

C+C

CUT&CHIP
RESISTANT
COMPOUND

 POWER
TRAIN  HIGH SPEED
MOBILE CRANE

639 is a high performance radial tire for mobile cranes and heavy truck applications. It is designed for highway service at high speeds. The strong all steel construction gives excellent durability, low rolling resistance and puncture protection. The non-directional pattern ensures easy handling, closed shoulders and the variable pitch ensure low noise level. It has a special tread compound for even tread wear, long life and smooth ride.



HARD IMPROVED SURFACE



OFF ROAD SURFACE MINING



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)											
		SW	OD						Speed, km/h (mph)											
				Free rolling					Drive Wheel											
				mm in	mm in				mm in	mm in	Load index	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
385/95R24*									————— UNDER DEVELOPMENT —————											
385/95R25* (14 00R25)						170F			————— UNDER DEVELOPMENT —————											

NOTES

A black and white photograph of an underground mining operation, featuring a large front loader with its bucket raised. The scene is set in a dark, rocky tunnel. The entire image is overlaid with a vibrant red color scheme, with black geometric shapes cutting across the composition. The text 'UNDERGROUND MINING' is prominently displayed in white, bold, sans-serif capital letters, angled diagonally across the lower portion of the image.

UNDERGROUND MINING

314 MINE SERVICE

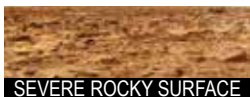


SPECIAL
COMPOUND

WEAR
RESISTANT
COMPOUND

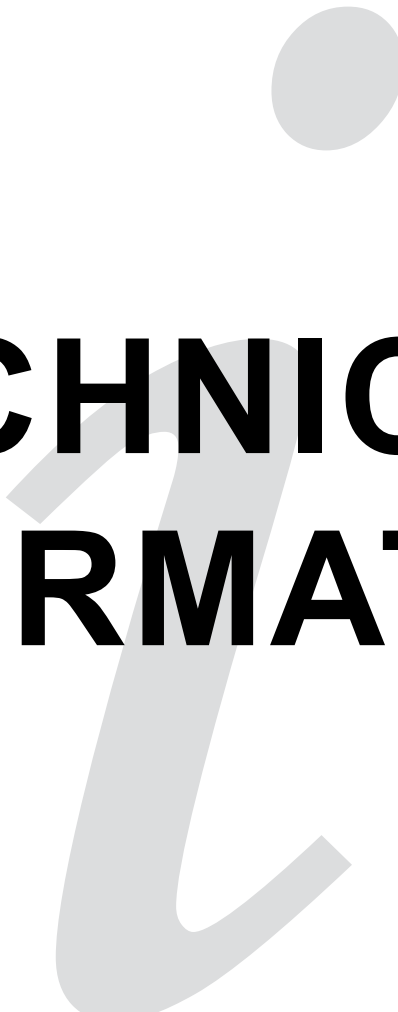


The Alliance 314 Mine Service tire is designed for the most demanding underground mining applications. It has extra, ultra deep treads to ensure long wear in highly abrasive surfaces. The robust nylon carcass with higher number of actual plies enhances tire strength, penetration protection and load carrying 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	Load Capacity for Underground Mining applications					
							Infl. Pressure	Speed km/h (mph)				
		SW mm in	OD mm in					Static	Creep	5 3	10 6	25 16
12.00-24	8.50	310	1270	590	3750	20	8.25	11040	8970	7800	6900	5865
		12.2	50	23.2	147.6	24	120	24340	19780	17200	15212	12930
							145	-	-	-	16755	-

Size	Rim	Unloaded Dimension		Static Loaded Radius	Rolling Circum	PR	Infl. Pressure	Recommended Load					
								Speed km/h (mph)					
		Underground mining											
		SW mm in	OD mm in				mm in	mm in	bar psi	Static	Creep	5 3	10 6
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



TECHNICAL INFORMATION

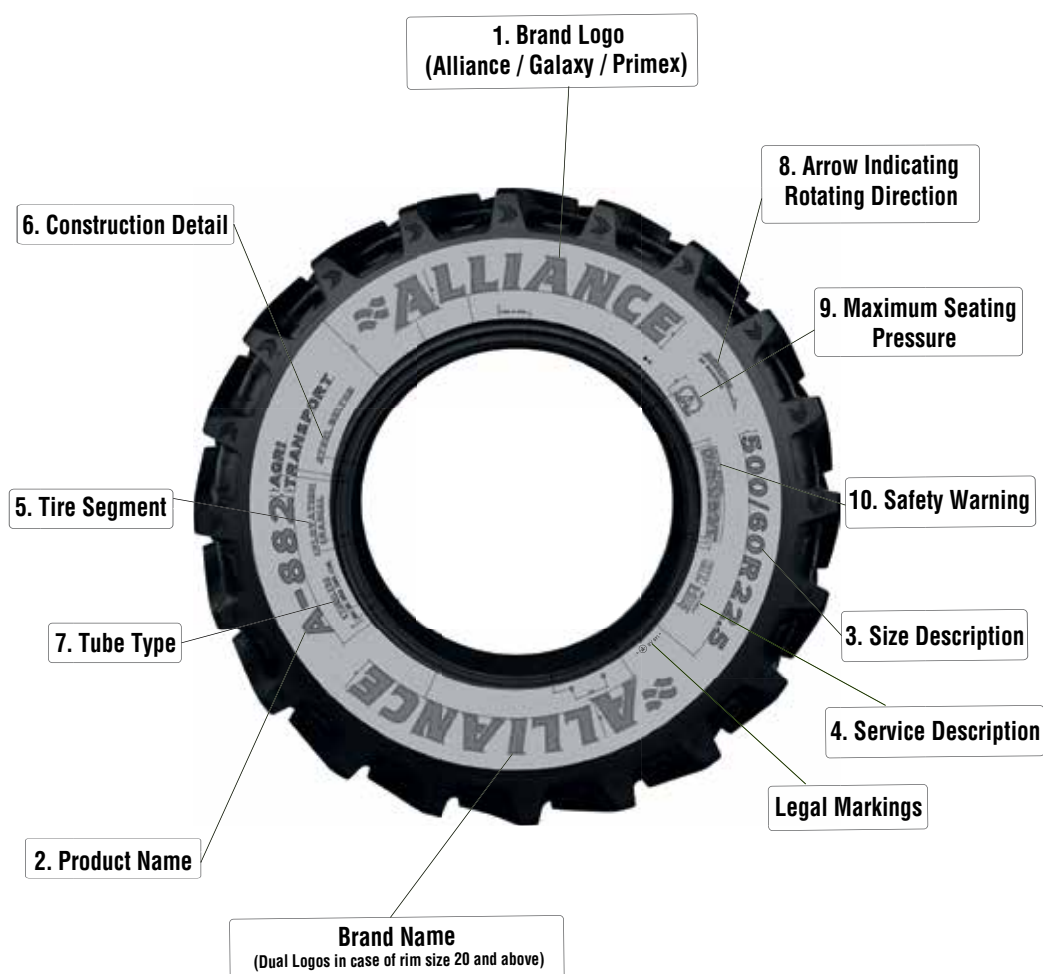
Tire Markings

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:

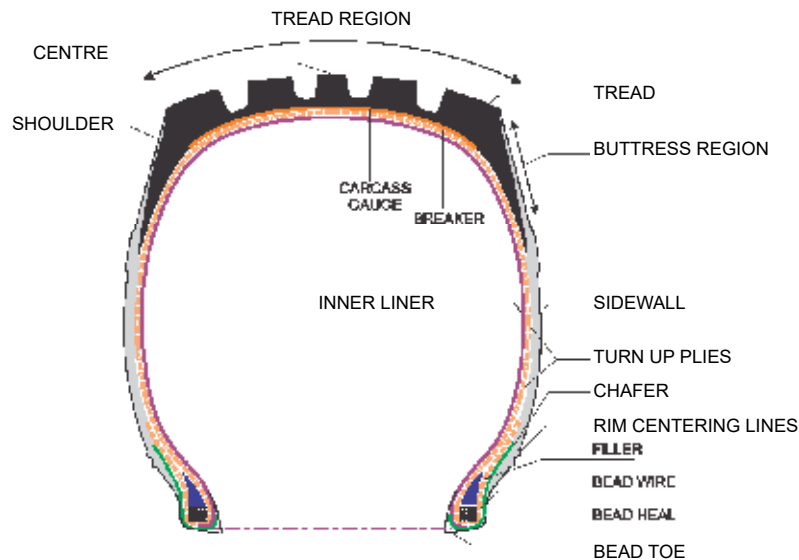
1	ALLIANCE	Brand name and / or manufacturer's name
2	580 or 372 IF	Product name (tread pattern identification)
3 a	SIZE DESCRIPTION 600/65R38 600/60-30.5 520/70B30	Metric tyre size designation 600 = section width (mm) 65 = aspect ratio between section height and section width (%) R = radial construction 38 = rim diameter (inch) - = cross ply construction B = bias belted construction
b	650/60-26.5 LS2	Metric tyre size designation for forestry tyres LS = log service 2 = tread depth code
c	7.50-16	Coded tyre size designation 7.50 = section width (inch) - = cross ply construction 16 = rim diameter (inch)
d	20.5x10.0-10	American tyre 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 tyres nominal load capacity A8 = speed symbol for the tyres nominal speed 154 = additional load index at max speed B = additional speed symbol for max speed
b	8 PR	Tyre carcass strength identification 8 = strength index PR = ply rating (but does not necessarily represent the number of cord plies in the tyre)
4 c	166 A8 154 A8	Service description (implement) Load index and speed symbols as 4.a free rolling tyre driving tyre
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 = tyres for forestry machines AGROFOREST = tyres for mixed agri and forestry service AMPT = Agricultural Multi Purpose Tyre : tyres for a high rate of road service up to 65 Km/h LOADER = tyres for wheel loaders and back hoe loaders GARDEN TRACTOR = tyres for gentle service on green surfaces INDUSTRIAL = tyres for industrial service FRT = Free Rolling Tyre: commercial vehicle tyre used as high speed implement trailer tyre
6	STEEL BELT	The tyre has a belt of steel cord (forestry tyres)
7	TUBELESS	Tyre to be used without a tube (some tubeless tyres are marked that they are allowed to be used with a tube)
8		Arrow indicating rotating direction of a traction tyre in driving service
9		Pictogram showing the max seating pressure (varies for different type of tyres)
10	SAFETY WARNING	Warning text which states the items to be paid attention to when fitting the tyre
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)

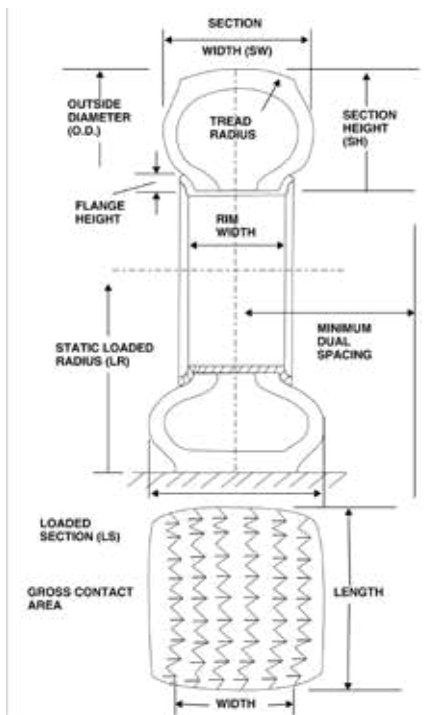
Inflated width of the Tire under reference Tire pressure excluding any bars, letters or design embossed on the sidewalls. The section width is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any 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 tyre size is fitted on an approved rim contour.

Load Table Technical Information

Conversion of load indices (LI) into load capacities per tyre (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

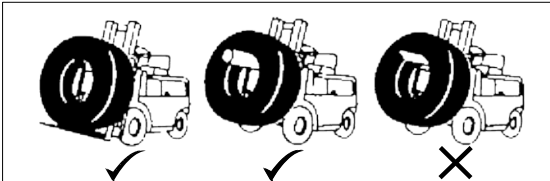
Handling of Tires

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.

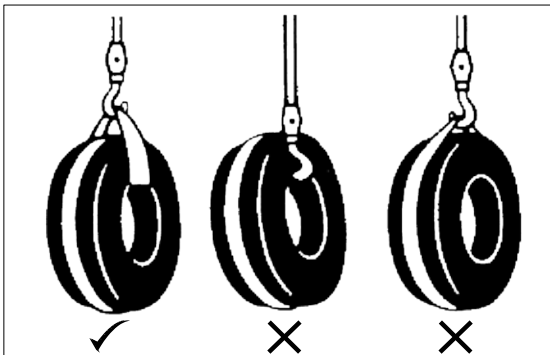
When using a forklift to lift a tire:

- 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

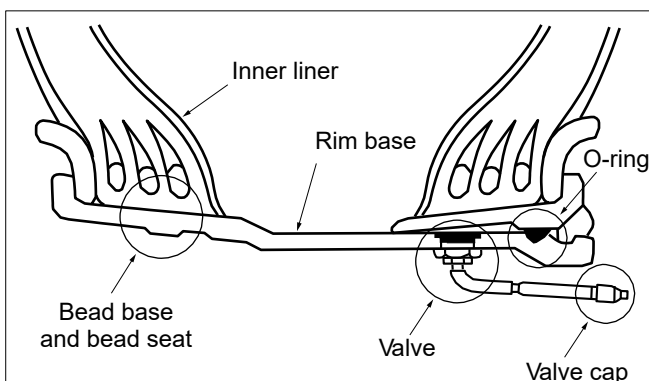
- Check rim components for cracks. Replace all cracked, badly worn, damaged and severely rusted components with new parts of the same size and type. When the condition of a component is in doubt, replace it. (Parts that are cracked, damaged or excessively corroded are weakened. Bent or repaired parts 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.

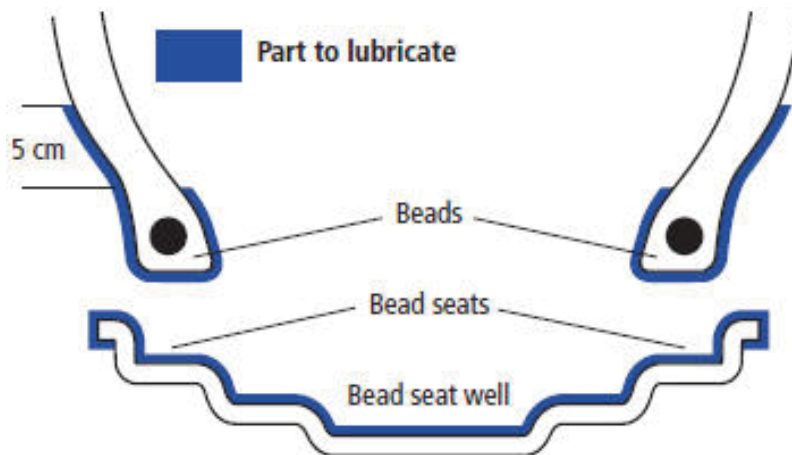
Tools for Mounting and Demounting Tires

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 loss 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		

DIFFERENTIATORS



ALL STEEL



SPECIAL COMPOUND



STEEL BELTED



HEAT RESISTANT COMPOUND



WEAR RESISTANT COMPOUND



CUT&CHIP RESISTANT COMPOUND



STUBBLE GUARD

NOTES

ENGINEERED TO KEEP YOU AHEAD



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