



# GROW FOR GENERATIONS

**GRI**  
WE'LL GET YOU THERE

**SPECIALTY TIRES**  
TECHNICAL BOOK



**We believe** that  
**farmers** who nourish the world,  
**construction workers** who build for the next generation, and  
**forklift operators** who move material to supply our needs,  
are **noble**.

# SPECIALTY TIRES

We deliver high-grade specialty tires that are built sustainably using pure natural rubber at our advanced production plants in Sri Lanka.



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# ABOUT GRI



# ABOUT GRI



## STATE-OF-THE-ART SPECIALTY TIRE FACTORY

GRI opened its advanced specialty tire factory in January 2018. This state-of-the-art factory is the largest in Sri Lanka dedicated to produce specialty tires and the first to produce radial agriculture tires.

GRI has implemented a strategy of increased automation, utilizing leading edge and modern manufacturing machines. This has increased the degree of precision, efficiency and reduced waste. Some of the machines, that are the first of their kind in Sri Lanka, are the Marangoni Tire Building Machine, the Tire Endurance and Plunger tester and the Comerio Calendar.

## GRI TECHNOLOGY & INNOVATION

A dedicated research and development team, an advanced testing laboratory, experienced technicians, quality and performance enhancements and precise monitoring at all stages of production ensure GRI tires exceed the most demanding expectations from customers. GRI relentlessly develops and tests its tires under dynamic as well as static conditions.

We believe that innovation through R&D as well as continuous process improvement, both in business and in production, is a critical factor to attain market success. GRI's values of purposeful action, relentless drive, far-sighted approach coupled with a discovery mind-set are evident in every aspect of this plant.

## ENVIRONMENTAL FOCUS

GRI's commitment to sustainability is evident through its 1.2 – Megawatt solar panel power system, biomass boilers and fully recyclable waste and water management systems. This plant is a testament to the pioneering spirit and values embodied by all at GRI.

The GRI factory is certified by ISO 9001:2015, ISO 50001:2011 and ISO 14001:2015

Strategic and tactical decisions of GRI are weighed against their impact on the environment. GRI's policy is to drive sustainability along with developing Premium Specialty Tires. A key goal at GRI is to make a contribution to the world that is sustainable, and by doing so, GRI takes into consideration the well-being of not only the current global community, but also the generations to come.

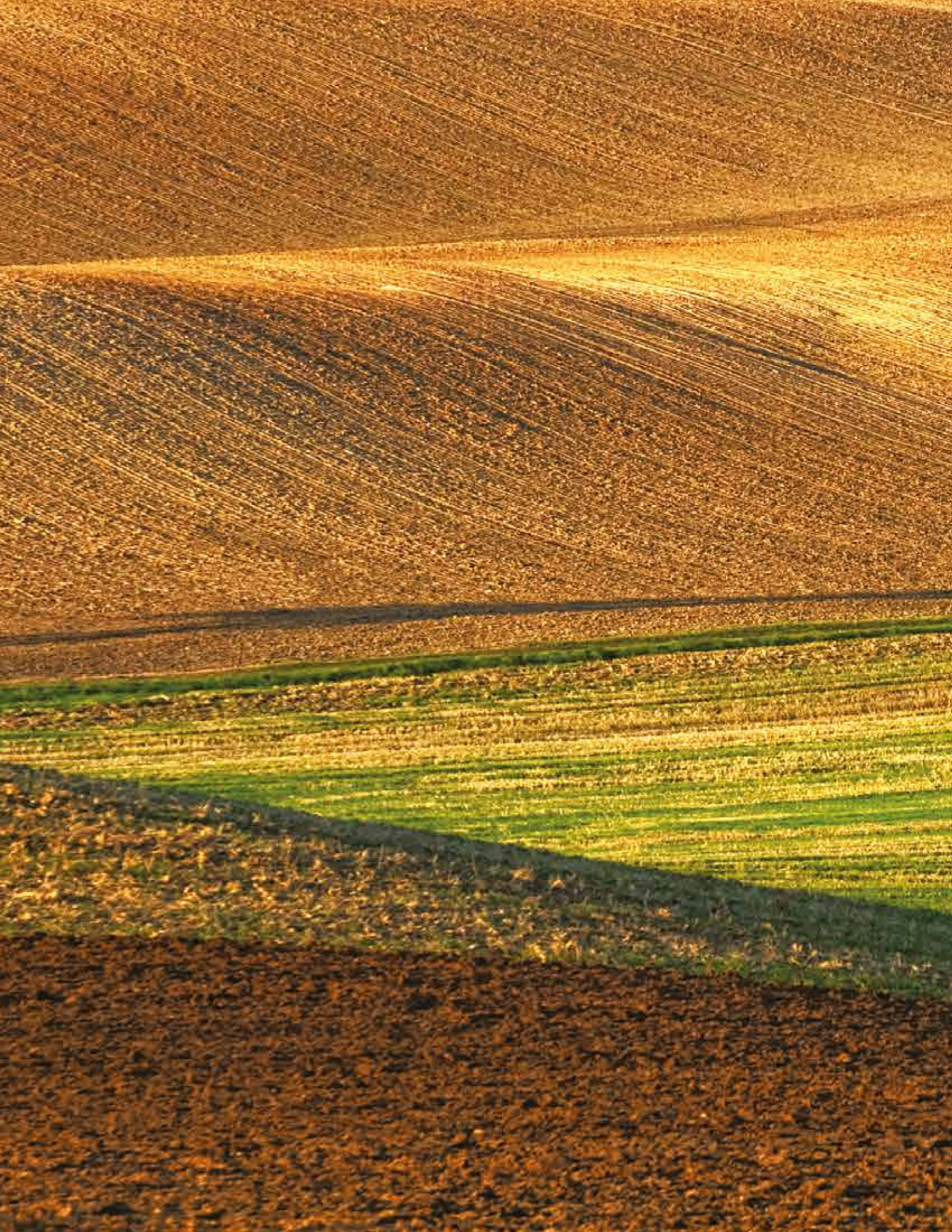




**GRI** strives to deliver exceptional value and assured performance in specialized tires through a relentless focus on technological innovation, engineering strength, and operational excellence.









# AGRICULTURE





# GRI COMPOUNDS

## X

### EXTREME COMPOUND

The standard GRI compound is as close to being stubble resistant as possible without being labeled as stubble resistant. This provides extra protection from tread pitting, field scarring, and weather cracking. Harder than most, but not so hard to create ride discomfort and still promote fuel economy through less rolling resistance.

## S

### STUBBLE COMPOUND

The GRI Stubble Resistant compound is true stubble resistance that protects your tires from stubble damage and other aggressive surfaces.

## OR

### OZONE RESISTANT COMPOUND

Special products added to the compound in order to prevent splitting and cracking due to ozone and solar conditions along with flexing.

## CW

### CUT & WEAR RESISTANT COMPOUND

By increasing the Parts per Hundred Rubber (PHR) and using a special type of silica with finer particles of carbon GRI creates compounds that increase wear resistance and extend tread life.

## CC

### CUT & CHIP RESISTANT COMPOUND

By increasing the PHR and using a special type of silica with finer particles of carbon GRI creates compounds that stand up to rough terrain and sharper impacts better than regular tread compounds. CC compound is resistant to object penetration and accidental damage.





35R28  
16.9R28



R1W

MAXIMUM LOAD

TUBELESS

GARD

www.gardhose.com

MADE IN,  
SRI LANKA





















Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)										Tread Depth												
					S.W.	O.D.														mm												
			Rec.	Alt.	mm	mm	mm	mm												mm												
480/80R42 (18.4R42)	166 A8/B	TL	W 16 L	W 16 L, DD 16 L	479	1835	835	5459	875	kmph/bar	0.8	1.2	1.6	2.4	3.0	4.0								54								
										50	2890	3140	3410	4010	4510	5300																
										40	2890	3140	3410	4010	4510	5300																
										30	3090	3360	3650	4290	4830	5650																
										10 LT	3840	4180	4540	5330	6000	7020																
										10 HT	3320	3610	3920	4610	5190	6070																
520/85R42 (20.8R38)	157 A8/B	TL	DW 16 A, W 16 A	DW 18 A, DW 18A, W18 A	516	1951	858	5735	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6								57								
										50	2270	2640	3010	3390	3755	4125																
										40	2270	2640	3010	3390	3755	4125																
										30	2430	2825	3220	3630	4015	4415																
										10 LT	3040	3540	4035	4545	5030	5530																
										10 HT	2430	2825	3220	3630	4015	4415																
520/85R42 (20.8R42)	162A8	TL	DW 16 A, W 16 A	DW 18 A, DW 18A, W18 A	516	1951	858	5735	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4						57								
										50	2180	2500	2900	3250	3650	4000	4375	4625														
										40	2180	2500	2900	3250	3650	4000	4375	4625														
										30	2360	2650	3075	3450	3875	4250	4750	5000														
										10 LT	2900	3350	3875	4375	4875	5300	5800	6300														
										10 HT	2360	2650	3075	3450	3875	4250	4750	5000														
520/85R42 (20.8R42)	167A8	TL	DW 16 A, W 16 A	DW 18 A, DW 18A, W18 A	516	1951	858	5735	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2				57								
										50	2060	2430	2800	3150	3550	3875	4250	4625	5000	5300												
										40	2060	2430	2800	3150	3550	3875	4250	4625	5000	5300												
										30	2240	2575	3000	3350	3750	4125	4500	4875	5300	5800												
										10 LT	2800	3250	3750	4250	4750	5150	5600	6150	6700	7100												
										10 HT	2240	2575	3000	3350	3750	4125	4500	4875	5300	5800												
520/85R42 (20.8R42)	168D	TL	DW 16 A, W 16 A	DW 18 A, DW 18A, W18 A	516	1951	858	5735	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2				57								
										65	2180	2575	3000	3250	3650	4000	4375	4750	5150	5600												
										50	2300	2725	3150	3550	4000	4375	4750	5000	5450	6000												
										40	2360	2800	3250	3550	4000	4375	4875	5150	5600	6150												
										30	2500	2900	3350	3750	4250	4625	5000	5450	6000	6300												
										10 LT	2900	3450	4000	4375	4875	5300	6000	6300	6900	7500												
480/80R46 (18.4R46)	158 A8/B	TL	DW 16 L	W 16 L, DD 16 L	479	1936	895	5871	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2				54								
										50	2575	3000	3250	3650	3750	4000	4125	4250														
										40	2575	3000	3250	3650	3750	4000	4125	4250														
										30	2800	3150	3550	3875	4125	4250	4375	4500														
										10 LT	3550	4000	4500	4875	5150	5300	5450	5600														
										10 HT	2800	3150	3550	3875	4125	4250	4375	4500														
480/80R46 (18.4R46)	164 A8/B	TL	DW 16 L	DD 18 L, W 18 L, W 18 A	479	1936	895	5871	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2				54								
										50	1950	2300	2650	2900	3250	3550	3875	4250	4625	5000												
										40	1950	2300	2650	2900	3250	3550	3875	4250	4625	5000												
										30	2060	2430	2800	3150	3550	3875	4250	4500	4875	5300												
										10 LT	2575	3075	3550	4000	4375	4750	5300	5600	6150	6700												
										10 HT	2060	2430	2800	3150	3550	3875	4250	4500	4875	5300												
520/85R46 (20.8R46)	158 A8/B	TL	DW 16 L, W 16 A	DD 18 L, W 18 L, W 18 A	516	2052	940	6121	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6							57									
										50	2340	2720	3105	3495	3870	4250																
										40	2340	2720	3105	3495	3870	4250																
										30	2500	2910	3320	3740	4140	4550																
										10LT	3130	3645	4155	4680	5180	5695																
										10HT	2500	2910	3320	3740	4140	4550																
520/85R46 (20.8R46)	173 A8/B	TL	DW 16 L, W 16 A	W 14 L, W 15 L	516	2052	940	6121	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2	3.6	4.0		57								
										50	2240	2650	3075	3450	3750	4125	4625	4875	5300	5800	6150	6500										
										40	2240	2650	3075	3450	3750	4125	4625	4875	5300	5800	6150	6500										
										30	2430	2800	3250	3650	4125	4500	4875	5150	5600	6150	6500	6900										
										10LT	3000	3550	4125	4625	5150	5450	6150	6500	7100	7750	8250	8750										
										10HT	2430	2800	3250	3650	4125	4500	4875	5150	5600	6150	6500	6900										
480/80R50 (18.4R50)	159 A8/B	TL	DW 16 L	DW 18L, DD 16 L	479	2036	941	6158	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4					54									
										50	2000	2300	2650	3000	3350	3650	4000	4375														
										40	2000	2300	2650	3000	3350	3650	4000	4375														
										30	2180	2430	2800	3150	3550	4000	4375	4625														
										10 LT	2650	3075	3550	4000	4500	4875	5450	5800														
										10 HT	2180	2430	2800	3150	3550	4000	4375	4625														
480/80R50 (18.4R50)	169/D	TL	DW 16 L	W 16 L, DD 16 L	479	2036	941	6158	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2	3.6	4.0		54								
										65	2000	2360	2725	3075	3350	3650	4125	4375	4750	5150	5450	5800										
										50	2180	2500	2900	3250	3650	4000	4375	4625	5000	5450	5800	6150										
										40	2240	2575	3000	3350	3750	4000	4500	4750	5150	5600	6000	6300										
										30	2300	2725	3075	3500	3875	4250	4750	5000	5450	6000	6300	6700										
										10 LT	2725	3150	3650	4125	4625	4875	5450	5800	6300	6900	7300	7750										
480/80R50 (18.4R50)	176/A8	TL	DW 16 L	W 16 L, DD 16 L	479	2036	941	6158	975	kmph/bar	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	5.0		54								
										50	2800	3150	3550	3875	4250	4500	4875	5000	5800	6000	6500	7100										
										40	2800	3150	3550	3875	4250	4500	4875	5000	5800	6000	6500	7100										
										30	3000	3350	3650	4125	4500	4750	5150	5300	6000	6300	6900	7500										
										10 LT	3750	4250	4750	5150	5600	6150	6700	6900	7750	8000	8750	9500										
										10 HT	3250	3650	4125	4500	4875	5150	5600	5800														







# TRACTOR RADIAL



# GREEN XLR



## 70 SERIES (R1W)

### RADIAL TIRES FOR HIGH HORSE POWER TRACTORS

Suitable for several heavy-duty applications like soil preparation and road transport | Flexible sidewall provides higher rider comfort for less fatigue and minimum soil compaction | Wide contact patch ensures excellent traction on all surfaces | Excellent self cleaning properties

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)										Tread Depth mm			
					S.W.	O.D.																	
			Rec.	Alt.	mm	mm	mm	mm	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6								
360/70R24	122 A8 / B	TL	W 11	W 10, W12	357	1152	519	3400	550	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6							40
										50 / 40	825	960	1095	1235	1365	1500							
										30	885	1025	1170	1320	1460	1605							
										10 LT	1105	1285	1465	1650	1830	2010							
										10 HT	885	1025	1170	1320	1460	1605							
380/70R24	125 A8 / B	TL	W 12	W 11, W13	380	1190	538	3560	575	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6							42
										50 / 40	910	1055	1205	1355	1500	1650							
										30	970	1130	1290	1450	1605	1765							
										10 LT	1215	1415	1615	1815	2010	2210							
										10 HT	970	1130	1290	1450	1605	1765							
380/70R24	125 A8 / B	TL	W 12	W 11, W13	380	1190	538	3560	575	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6						42	
										65	925	1090	1215	1360	1500	1650							
										50	975	1150	1320	1450	1650	1750							
										40	1000	1180	1320	1500	1650	1800							
										30	1060	1215	1400	1600	1750	1900							
										10 LT	1215	1450	1650	1850	2000	2180							
										10 HT	1060	1215	1400	1600	1750	1900							
420/70R24	130 A8 / B	TL	W 13	W 12, W14 L	418	1248	554	3680	600	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6						44	
										50 / 40	1045	1215	1385	1562	1730	1900							
										30	1120	1300	1485	1673	1850	2035							
										10 LT	1400	1630	1860	2092	2315	2545							
										10 HT	1120	1300	1485	1673	1850	2035							
420/70R24	136 D/139 A8	TL	W 13	W12, W14L	418	1248	554	3680	600	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4				44	
										65	1560	1630	1700	1770	1840	1920	2080	2240					
										40	1710	1780	1860	1940	2010	2100	2280	2470					
										30	1790	1870	1960	2040	2120	2210	2390	2600					
										10 LT	2070	2170	2260	2350	2450	2550	2770	3010					
480/70R24	138 A8 / B	TL	W 15L	W14L, W15L	479	1316	580	3894	625	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6					50		
										50 / 40	1230	1510	1725	1940	2150	2360							
										30	1390	1615	1845	2075	2230	2525							
										10 LT	1740	2025	2310	2600	2880	3160							
										10 HT	1390	1615	1845	2075	2300	2525							
360/70R28	125 A8 / B	TL	W 11	W 10, W12	357	1251	519	3400	600	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6					40		
										50 / 40	825	960	1095	1235	1365	1500							
										30	885	1025	1170	1320	1460	1605							
										10 LT	1105	1285	1465	1650	1830	2010							
										10 HT	885	1025	1170	1320	1460	1605							
380/70R28	127 A8 / B	TL	W 12	W 11, W13	380	1293	586	3883	625	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6					42		
										50 / 40	965	1120	1280	1440	1595	1750							
										30	1030	1200	1365	1540	1705	1875							
										10 LT	1290	1500	1710	1930	2135	2345							
										10 HT	1030	1200	1365	1540	1705	1875							
420/70R28	133 A8 / B	TL	W 13	W 12, W14L	418	1349	604	4020	650	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6					44		
										50 / 40	1135	1320	1505	1695	1875	2060							
										30	1210	1410	1610	1815	2005	2205							
										10 LT	1515	1765	2015	2270	2510	2760							
										10 HT	1210	1410	1610	1815	2005	2205							
480/70R28	140 A8 / B	TL	W15 L	W 14 L, W 16 L	479	1421	634	4183	675	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6					63		
										50 / 40	1375	1600	1825	2055	2275	2500							
										30	1470	1710	1955	2200	2435	2675							
										10 LT	1845	2145	2445	2755	3050	3350							
										10 HT	1470	1710	1955	2200	2435	2675							
480/70R28	145 D / 148 A8	TL	W15 L	W 14 L, W 16 L	479	1421	634	4183	675	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4			63		
										65	2120	2000	2300	2360	2430	2500	2650	2900					
										50	2180	2180	2360	2500	2575	2650	2800	3000					
										40	2300	2300	2500	2575	2650	2725	2900	3150					
										30	2360	2360	2575	2725	2800	2900	3075	3350					
										10 LT	2800	2500	3075	3150	3250	3350	3550	3875					
										10 HT	2360	2900	2575	2725	2800	2900	3075	3350					





Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)								Tread Depth												
					S.W.	O.D.												mm	mm	mm	mm	mm								
			Rec.	Alt.	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm											
520/70R38	150 D / 153 D	TL	W 16 L	W 15 L, W 18 L	516	1749	793	5300	825	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6							54							
										65	1900	2180	2500	2800	3075	3350														
										50	2000	2360	2650	3000	3250	3550														
										40	2060	2360	2725	3075	3350	3650														
										30	2120	2500	2900	3250	3550	3875														
580/70R38	155 A8 / B	TL	W 18 L	-	577	1827	821	5505	875	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6							58							
										50 / 40	2130	2480	2830	3185	3525	3875														
										30	2280	2655	3025	3405	3775	4145														
										10 LT	2855	3325	3790	4270	4725	5195														
										10 HT	2280	2655	3025	3405	3775	4145														
710/70R38	166 A8 / B	TL	DW 23 B	-	716	1959	859	5751	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6							59							
										50 / 40	2915	3390	3870	4355	4825	5300														
										30	3120	3630	4140	4660	5160	5670														
										10 LT	3905	4545	5185	5835	6465	7100														
										10 HT	3120	3630	4140	4660	5160	5670														
710/70R38	171 D / 174 A8	TL	DW 23 B	-	716	1959	859	5751	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4					59							
										65	2895	3325	3815	4305	4800	5290	5785	6150												
										50	3040	3490	4010	4525	5040	5560	6075	6460												
										40	3150	3620	4155	4690	5230	5765	6300	6700												
										30	3330	3825	4390	4955	5520	6085	6655	7075												
										10 LT	3880	4455	5115	5775	6435	7095	7755	8245												
										10 HT	3330	3825	4390	4955	5520	6085	6655	7075												
620/70R42	160 D / 163 A8	TL	DW 20 B	-	625	1935	876	5742	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6							58							
										65	3670	3820	3980	4150	4320	4500														
										50	3850	4010	4180	4360	4540	4730	4930													
										40	4020	4180	4360	4540	4730	4930														
										30	4220	4390	4580	4770	4970	5180														
620/70R42	160 A8 / B	TL	DW 20 B	-	625	1935	876	5742	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6							58							
										50 / 40	3670	3820	3980	4150	4320	4500														
										30	3850	4010	4180	4360	4540	4730														
										10 LT	4880	5080	5290	5520	5750	5990														
										10 HT	3930	4090	4260	4440	4620	4820														
710/70R42	173 A8 / B	TL	DW 23 B	-	716	2061	922	6174	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4					59							
										50 / 40	4500	4690	4890	5090	5300	5520	5990	6500												
										30	4730	4920	5130	5340	5570	5800	6290	6830												
										10 LT	5990	6240	6500	6770	7050	7340	7970	8650												
										10 HT	4820	5020	5230	5450	5670	5910	6410	6960												
710/70R42	173 D / 176 A8	TL	DW 23 B	-	716	2061	922	6174	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4					59							
										65	3110	3240	3380	3520	3670	3820	4150	4500												
										50	3580	3730	3890	4050	4220	4390	4770	5180												
										10 LT	4140	4310	4500	4680	4880	5080	5520	5990												
										10 HT	3580	3730	3890	4050	4220	4390	4770	5180												





**Carefully crafted for farmers who nourish the world.  
Our tires are designed to perform in today's farming  
operations, delivering increased productivity and yield  
while reducing fuel consumption and operating costs.**





# TRACTOR RADIAL



# GREEN XLR



## 65 SERIES (R1W)

### RADIAL TIRES FOR HIGH HORSE POWER TRACTORS

High tire volume with low inflation pressure provides high traction and greater soil protection | Best for soil tillage and on the road applications | Strong casing, impact belts and stubble compound for extensive tire life

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)								Tread Depth	
			Rec.	Alt.	S.W.	O.D.				mm	mm	mm	mm	mm	mm	mm	mm		
																		mm	mm
440/65R24	135 D/ 138 A8	TL	W 14L	W 13, W15	441	1182	538	3546	575	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2-0	2-4	45
										65	1050	1225	1375	1530	1680	1810	2010	2180	
										50	1100	1285	1445	1605	1765	1905	2110	2290	
										40	1135	1325	1490	1655	1820	1960	2175	2360	
										30	1205	1410	1585	1760	1935	2085	2310	2510	
										10 LT	1410	1640	1845	2050	2255	2430	2695	2925	
										10 HT	1205	1410	1585	1760	1935	2085	2310	2510	
480/65R24	140 D/ 143 A8	TL	W 15L	W14L	479	1234	562	3730	600	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	47
										65	1200	1400	1575	1750	1925	2075	2300	2500	
										50	1260	1470	1655	1840	2025	2180	2415	2625	
										40	1310	1530	1720	1910	2100	2265	2510	2725	
										30	1380	1610	1815	2015	2215	2390	2645	2875	
										10 LT	1610	1880	2115	2345	2580	2785	3085	3350	
										10 HT	1380	1610	1815	2015	2215	2390	2645	2875	
540/65R24	146 D/ 149 A8	TL	W 16 L	W18L	530	1312	590	3930	625	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	50
										65	1440	1680	1890	2100	2310	2490	2760	3000	
										50	1515	1765	1985	2205	2430	2615	2900	3150	
										40	1560	1820	2050	2275	2505	2700	2990	3250	
										30	1660	1935	2175	2415	2660	2865	3175	3450	
										10 LT	1930	2255	2535	2815	3100	3340	3700	4020	
										10 HT	1660	1935	2175	2415	2660	2865	3175	3450	
440/65R28	138 D/ 141 A8	TL	W 14 L	W13	441	1283	610	4058	625	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	45
										65	1135	1325	1490	1655	1820	1960	2175	2360	
										50	1195	1390	1565	1740	1910	2060	2285	2480	
										40	1240	1445	1625	1805	1985	2140	2370	2575	
										30	1305	1525	1715	1905	2095	2255	2500	2715	
										10 LT	1525	1775	1995	2220	2440	2630	2915	3165	
										10 HT	1305	1525	1715	1905	2095	2255	2500	2715	
480/65R28	142 D/ 145 A8	TL	W 15 L	W14L	530	1335	610	4058	650	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	47
										65	1275	1485	1670	1855	2045	2200	2440	2650	
										50	1340	1560	1755	1950	2145	2315	2565	2785	
										40	1395	1625	1830	2030	2235	2410	2670	2900	
										30	1465	1710	1925	2135	2350	2535	2810	3050	
										10 LT	1710	1995	2240	2490	2740	2955	3275	3555	
										10 HT	1465	1710	1925	2135	2350	2535	2810	3050	
540/65R28	149 D/ 152 A8	TL	W 16 L	W 18 L	530	1413	643	4253	675	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	50
										65	1560	1820	2050	2275	2505	2700	2990	3250	
										50	1640	1910	2150	2390	2630	2830	3140	3415	
										40	1705	1990	2235	2485	2735	2945	3265	3550	
										30	1795	2095	2355	2615	2880	3100	3440	3740	
										10 LT	2095	2440	2745	3050	3355	3615	4005	4355	
										10 HT	1795	2095	2355	2615	2880	3100	3440	3740	
600/65R28	154 D/ 157 A8	TL	DW 20 B	W 18 L	611	1491	670	4470	700	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	55
										65	1800	2100	2365	2625	2890	3115	3450	3750	
										50	1890	2205	2480	2755	3030	3270	3625	3940	
										40	1980	2310	2600	2890	3175	3425	3795	4125	
										30	2070	2415	2715	3020	3320	3580	3970	4315	
										10 LT	2410	2815	3165	3520	3870	4170	4625	5025	
										10 HT	2070	2415	2715	3020	3320	3580	3970	4315	
540/65R30	150 D/ 153 A8	TL	W 16 L	W 18 L	530	1460	670	4403	700	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	50
										65	1610	1875	2110	2345	2580	2780	3080	3350	
										50	1690	1970	2215	2460	2710	2920	3235	3520	
										40	1750	2045	2300	2555	2810	3030	3360	3650	
										30	1850	2155	2425	2695	2965	3200	3545	3855	
										10 LT	2155	2515	2830	3140	3455	3725	4130	4490	
										10 HT	1850	2155	2425	2695	2965	3200	3545	3855	

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)								Tread Depth	
					S.W.	O.D.												mm	mm
			Rec.	Alt.	mm	mm	mm	mm		mm									
540/65R34	152 D/ 155A8	TL	W 16 L	W 18 L	550	1566	712	4742	750	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	50
										65	1705	1990	2240	2485	2735	2950	3270	3550	
										50	1795	2090	2350	2615	2875	3100	3435	3730	
										40	1860	2170	2445	2715	2985	3220	3565	3875	
										30	1965	2290	2575	2860	3150	3395	3760	4085	
										10 LT	2290	2670	3000	3335	3670	3955	4380	4760	
										10 HT	1965	2290	2575	2860	3150	3395	3760	4085	
600/65R34	157 D/ 160 A8	TL	D W20B	W18L	611	1644	742	4960	775	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	55
										65	1980	2310	2600	2890	3180	3425	3795	4125	
										50	2085	2430	2735	3035	3340	3600	3990	4335	
										40	2160	2520	2835	3150	3465	3735	4140	4500	
										30	2280	2660	2990	3325	3655	3940	4370	4745	
										10 LT	2660	3100	3485	3875	4260	4590	5090	5530	
										10 HT	2280	2660	2990	3325	3655	3940	4370	4745	
540/65R38	153 D/ 156 A8	TL	W16L	W18L	530	1667	760	5059	800	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	50
										65	1755	2045	2300	2555	2815	3030	3360	3650	
										50	1845	2150	2420	2685	2955	3185	3530	3835	
										40	1920	2240	2520	2800	3080	3320	3680	4000	
										30	2020	2355	2650	2940	3235	3490	3865	4200	
										10 LT	2355	2745	3085	3430	3770	4065	4505	4895	
										10 HT	2020	2355	2650	2940	3235	3490	3865	4200	
600/65R38	159 D/ 162 A8	TL	DW 20 B	W18 L	611	1745	790	5247	825	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	55
										65	2100	2450	2755	3065	3370	3630	4025	4375	
										50	2205	2575	2895	3215	3535	3815	4225	4595	
										40	2280	2660	2995	3325	3660	3945	4370	4750	
										30	2415	2820	3170	3520	3875	4175	4630	5030	
										10 LT	2820	3285	3695	4105	4515	4865	5395	5865	
										10 HT	2415	2820	3170	3520	3875	4175	4630	5030	
650/65R38	163 D/ 166 A8	TL	DW 20 B	-	645	1811	830	5483	875	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	59
										65	2340	2730	3070	3415	3755	4045	4485	4875	
										50	2455	2865	3225	3585	3940	4250	4710	5120	
										40	2545	2970	3340	3710	4080	4400	4875	5300	
										30	2690	3140	3530	3925	4315	4655	5160	5605	
										10 LT	3140	3660	4115	4575	5030	5420	6010	6535	
										10 HT	2690	3140	3530	3925	4315	4655	5160	5605	
650/65R38	168 D/ 171 A8	TL	DW 20 B	-	645	1811	830	5483	875	kmph/bar	0.8	1	1.2	1.4	1.6	2.4	3.2	3.6	59
										65	3160	3290	3430	3570	3720	4380	5160	5600	
										50	3320	3450	3600	3750	3910	4600	5420	5880	
										40	3460	3600	3760	3910	4070	4800	5650	6130	
										30	3630	3780	3940	4110	4280	5040	5930	6440	
										10 LT	4200	4380	4560	4750	4950	5830	6860	7450	
										10 HT	3630	3780	3940	4110	4280	5040	5930	6440	
650/65R38	172 D/ 175 A8	TL	DW 20 B	-	645	1811	830	5483	875	kmph/bar	0.8	1	1.2	1.4	1.6	2.4	3.2	3.6	59
										65	3570	3720	3870	4030	4200	4940	5810	6300	
										50	3750	3910	4060	4230	4410	5190	6100	6620	
										40	3910	4070	4240	4410	4600	5410	6360	6900	
										30	4110	4280	4450	4630	4830	5680	6680	7250	
										10LT	4750	4950	5150	5360	5590	6570	7730	8380	
										10HT	4110	4280	4450	4630	4830	5680	6680	7250	
650/65R42	165 D/ 168 A8	TL	DW 20 B	-	645	1913	864	5740	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	59
										65	2470	2885	3245	3605	3965	4275	4740	5150	
										50	2595	3030	3245	3785	4165	4490	4975	5410	
										40	2690	3135	3530	3920	4310	4650	5150	5600	
										30	2845	3315	3730	4145	4560	4915	5450	5925	
										10 LT	3310	3865	4350	4830	5315	5730	6350	6900	
										10 HT	2845	3315	3730	4145	4560	4915	5450	5925	



# TRACTOR RADIAL

# GREEN XLR EARTH

**S**  **65 | 70 | 85 SERIES**



## THE FIRST ENVIRONMENT FRIENDLY RADIAL AGRICULTURAL TIRE

Manufactured from 78.5% sustainable materials | Longer tire life due to high abrasion resistance | Higher fuel efficiency due to low rolling resistance | Lower soil compaction

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)										Tread Depth mm			
					S.W.	O.D.				0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2		3.6	4.0	
			Rec.	Alt.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
280/85R24 (11.2R24)	124 A8 / B	TL	W 10	W 9	292	1086	492	3224	525	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2	3.6	4.0	52
										50	670	775	900	1000	1120	1215	1320	1400	1550	1700	1800	1900	
										40	670	775	900	1000	1120	1215	1320	1400	1550	1700	1800	1900	
										30	710	825	950	1060	1180	1285	1450	1500	1650	1800	1950	2000	
										10 LT	900	1030	1180	1320	1500	1650	1800	1900	2060	2240	2360	2500	
										10 HT	710	825	950	1060	1180	1285	1450	1500	1650	1800	1950	2000	
440/65R24	135 D / 138 A8	TL	W 14L	W 13, W15	441	1182	538	3546	575	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4					57
										65	1050	1225	1375	1530	1680	1810	2010	2180					
										50	1100	1285	1445	1605	1765	1905	2110	2290					
										40	1135	1325	1490	1655	1820	1960	2175	2360					
										30	1205	1410	1585	1760	1935	2085	2310	2510					
										10 LT	1410	1640	1845	2050	2255	2430	2695	2925					
540/65R28	149 D / 152 A8	TL	W 16 L	W 18 L	530	1413	643	4253	675	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4					63
										65	1560	1820	2050	2275	2505	2700	2990	3250					
										50	1640	1910	2150	2390	2630	2830	3140	3415					
										40	1705	1990	2235	2485	2735	2945	3265	3550					
										30	1795	2095	2355	2615	2880	3100	3440	3740					
										10 LT	2095	2440	2745	3050	3355	3615	4005	4355					
600/70R30	152D / 155 A8	TL	DW 20 B	DW 18L, W18L	591	1602	711	4774	750	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6						73	
										65	1955	2275	2595	2915	3235	3550							
										50	2055	2390	2725	3060	3395	3730							
										40	2140	2490	2840	3190	3540	3890							
										30	2250	2615	2985	3350	3720	4085							
										10 LT	2620	3050	3475	3905	4335	4760							
480/70R34	149 A8 / B	TL	W 15	W 14 L, W 16 L	479	1580	711	4759	750	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4				63	
										50	1530	1755	2015	2275	2535	2795	3025	3250					
										40	1530	1755	2015	2275	2535	2795	3025	3250					
										30	1635	1880	2155	2436	2710	2990	3235	3480					
										10 LT	2045	2350	2700	3049	3395	3745	4050	4355					
										10 HT	1635	1880	2155	2436	2710	2990	3235	3480					
540/65R34	152 D / 155A8	TL	W 16 L	W 18 L	550	1566	712	4742	750	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4				63	
										65	1705	1990	2240	2485	2735	2950	3270	3550					
										50	1795	2090	2350	2615	2875	3100	3435	3730					
										40	1860	2170	2445	2715	2985	3220	3565	3875					
										30	1965	2290	2575	2860	3150	3395	3760	4085					
										10 LT	2290	2670	3000	3335	3670	3955	4380	4760					
380/80R38 (13.6R38)	152A8 / 149D	TL	W12	W11	380	1573	731	4871	750	kmph/bar	0.8	1.6	2.0	2.4	3.2	4.0					57		
										50	1940	2280	2470	2680	3140	3540							
										40	1940	2280	2470	2680	3140	3540							
										30	2080	2440	2640	2870	3360	3790							
										10 LT	2580	3030	3290	3560	4180	4710							
										10 HT	2230	2620	2840	3080	3610	4070							
650/65R38	168 D / 171 A8	TL	DW 20 B	46	645	1811	830	5483	875	kmph/bar	0.8	1	1.2	1.4	1.6	2.4	3.2	3.6				74	
										65	3160	3290	3430	3570	3720	4380	5160	5600					
										50	3320	3450	3600	3750	3910	4600	5420	5880					
										40	3460	3600	3760	3910	4070	4800	5650	6130					
										30	3630	3780	3940	4110	4280	5040	5930	6440					
										10 LT	4200	4380	4560	4750	4950	5830	6860	7450					
10 HT	3630	3780	3940	4110	4280	5040	5930	6440															
SL	7270	7570	7890	8210	8560	10070	11870	12880															

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)										Tread Depth														
					S.W.	O.D.														mm														
			Rec.	Alt.	mm	mm	mm	mm											mm															
650/85R38	173 D / 176 A8	TL	DW 23 B	DW 21B, DW20B	675	2071	935	6184	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	1.6							65										
										65	3120	3640	4095	4550	5005	5395	5395																	
										50	3275	3820	4300	4780	5255	5665	5665																	
										40	3410	3975	4475	4970	5465	5895	5895																	
										30	3590	4185	4710	5235	5755	6205	6205																	
										10 LT	4180	4880	5485	6095	6705	7230	7230																	
										10 HT	3590	4185	4710	5235	5755	6205	6205																	
710/70R38	171 D / 174 A8	TL	DW 23 B		716	1959	859	5751	925	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	1.6	2.0	2.4					59										
										65	2895	3325	3815	4305	4800	5290	5290	5785	6150															
										50	3040	3490	4010	4525	5040	5560	5560	6075	6460															
										40	3150	3620	4155	4690	5230	5765	5765	6300	6700															
										30	3330	3825	4390	4955	5520	6085	6085	6655	7075															
										10 LT	3880	4455	5115	5775	6435	7095	7095	7755	8245															
										10 HT	3330	3825	4390	4955	5520	6085	6085	6655	7075															
710/70R42	173 D / 176 A8		DW 23 B		716	2061	922	6174	975	kmph/bar	0.6	0.8	1	1.2	1.4	1.6	1.6	2	2.4					59										
										70	2780	3195	3665	4140	4615	5085	5085	5560	5915															
										65	3055	3510	4030	4550	5070	5590	5590	6110	6500															
										50	3210	3685	4230	4780	5325	5870	5870	6415	6825															
										40	3345	3845	4415	4980	5550	6120	6120	6690	7117.5															
										30	3515	4035	4635	5230	5830	6430	6430	7025	7475															
										10LT	4095	4705	5400	6095	6795	7490	7490	8185	8710															
										10HT	3515	4035	4635	5230	5830	6430	6430	7025	7475															
480/80R50 (18.4R50)	159 A8 / B	TL	DW 16 L	W 16 L, DD 16 L	479	2036	941	6158	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	1.6	2.0	2.4					54										
										50	2000	2300	2650	3000	3350	3650	3650	4000	4375															
										40	2000	2300	2650	3000	3350	3650	3650	4000	4375															
										30	2180	2430	2800	3150	3550	4000	4000	4375	4625															
										10 LT	2650	3075	3550	4000	4500	4875	4875	5450	5800															
										10 HT	2180	2430	2800	3150	3550	4000	4000	4375	4625															

# TRACTOR RADIAL

# GREEN XLR EARTH



## RADIAL TIRES FOR HIGH HORSE POWER TRACTORS GREEN XLR EARTH 65+

Manufactured from 78.5% sustainable materials | Innovative tread design with virtual rib provides enhanced driving comfort both on road as well as off road. | Higher fuel efficiency due to low rolling resistance. | Low soil compaction due to wide footprint

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)										Tread Depth									
					S.W.	O.D.														mm									
			Rec.	Alt.	mm	mm	mm	mm											mm										
440/65R24	135 D / 138 A8	TL	W 14L	W 13, W15	441	1182	538	3546	575	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4					45						
										65	1050	1225	1375	1530	1680	1810	2010	2180											
										50	1100	1285	1445	1605	1765	1905	2110	2290											
										40	1135	1325	1490	1655	1820	1960	2175	2360											
										10 LT	1410	1640	1845	2050	2255	2430	2695	2925											
										10 HT	1205	1410	1585	1760	1935	2085	2310	2510											



# TRACTOR RADIAL

# GREEN XLR



## RADIAL TIRES FOR HIGH HORSE POWER TRACTORS GREEN XLR 65+ BLACK

Innovative tread design provides enhanced driving comfort on and off roads. | Improve steering precision at higher speeds | Improved fuel efficiency.

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)								Tread Depth				
			Rec.	Alt.	S.W.	O.D.				mm	mm	mm	mm	mmph/bar	0.6	0.8	1.0		1.2	1.4	1.6	2.0
																		mm				
440/65R24	135 D/ 138 A8	TL	W 14L	W 13, W 15	441	1182	538	3546	575	65	1050	1225	1375	1530	1680	1810	2010	2180	45			
										50	1100	1285	1445	1605	1765	1905	2110	2290				
										40	1135	1325	1490	1655	1820	1960	2175	2360				
										30	1205	1410	1585	1760	1935	2085	2310	2510				
										10 LT	1410	1640	1845	2050	2255	2430	2695	2925				
										10 HT	1205	1410	1585	1760	1935	2085	2310	2510				

# GREEN EX



## SUITABLE FOR TRACTOR - DRIVE WHEEL

Deep and dual angle lugs offer better traction and fuel efficiency | Strong nylon casing offers excellent tire life | Optimum number of lugs providing optimum traction and machine stability | High tread depth offers excellent traction and better tire life.

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Speed Sympo	Load Index	30 mph	Inflation Pressure	Tread Depth				
			Rec.	Alt.	S.W.	O.D.					mm			mm	mm	mm	Max. Load
																	kgs
12.4-28	8	TT	W 11	W 9, W 10	325	1260	589	3704	A6	123	1550	2.3	37				
12.4-28	12	TT	W 11	W 9, W 10	325	1260	589	3704	A6	131	1950	3.5	37				
13.6-28	12	TT	W 12	W 11	345	1310	614	4031	A6	134	2120	3.0	39				

# GREEN EX



## SUITABLE FOR TRACTOR - DRIVE WHEEL

Innovative tread design provides enhanced driving comfort as well as better traction both on & off road | Special tread design reduces the rolling resistance thereby offering better fuel efficiency | Optimum number of lugs providing optimum traction and machine stability | High tread depth offering excellent traction and better tire life.

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Speed Sympo	Load Index	30 mph	Inflation Pressure	Tread Depth				
			Rec.	Alt.	S.W.	O.D.					mm			mm	mm	mm	Max. Load
																	kgs.
12.4-28	12	TT	W11	W 9, W 10	315	1260	574	3830	A6	125	1650	2.5	33				

# TRACTOR RADIAL

# GREEN XLR



## CARRY 20% MORE LOAD THAN STANDARD RADIAL TIRES

Unique tread pattern provides excellent grip, superior traction and longer tire life, | Greater soil protection through the larger footprint, which lowers soil compaction and generates a better crop yield. | More savings on fuel through the larger footprint that considerably increases traction, resulting in a reduction of tractor wheel slip, tire | Greater endurance and longer service life through the reinforced sidewalls that provide greater strength, even at lower pressure, and special rubber compounds that provide longer tire

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)								Tread Depth	
			Rec.	Alt.	S.W.	O.D.				mm	mm	mm	mm						mm
														mm	mm	mm	mm	mm	
IF 600/70R30 CFO	165D	TL	DW21B	DW20B	603	1602	722	4756	750	kmph/bar	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	55
										70	2500	2900	3250	3650	4000	4250	4375	4625	
										UPTO 65	2725	3150	3550	4000	4375	4625	4840	5150	
										30	2900	3250	3750	4125	4625	4750	5000	5300	
										STATIC	6300	7300	8250	9250	10000	10600	10900	11800	
										30 CFO	3550	4125	4625	5150	5800	6000	6300	6700	
										15 CFO	4375	4875	5600	6150	6900	7100	7500	8000	
										10 CFO*	3875	4500	5000	5600	6150	6500	6700	7100	
IF 650/85R38 CFO	179D	TL	DW23B	DW21B	653	2071	931	6148	975	kmph/bar	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	57
										70	2800	3250	3650	4125	4500	4750	4960	5300	
										UPTO 65	3150	3550	4000	4500	4990	5220	5450	5800	
										30	3250	3750	4250	4750	5150	5450	500	6000	
										STATIC	7300	8250	9250	10300	11500	12150	12500	13200	
										30 CFO	4125	4625	5300	5800	6500	6785	7090	7500	
										15 CFO	4855	5575	6295	7010	7730	8090	8450	9000	
										10 CFO*	4375	5000	5600	6300	6900	7300	5000	8250	
IF 650/85R38 CFO	170D	TL	DW23B	DW21B	653	2071	931	6148	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	1.8	57	
										70	4800	4900	5000	5200	5500	5800	5800		
										UPTO 65	5200	5400	5500	5800	6000	6400	6400		
										30	5400	5600	5700	6000	6200	6600	6600		
										STATIC	12000	12400	12700	13300	13800	14600	14600		
										30 CFO	6800	7000	7200	7500	7800	8300	8300		
										15 CFO	8100	8300	8600	8900	9300	9900	9900		
										10 CFO*	7300	7500	7700	8100	8400	8900	8900		
IF 710/70R42 CFO	179D	TL	DW25B	DW23B	715	2061	937	6119	975	kmph/bar	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	61
										70	3875	4375	5000	5450	6000	6300	6700	7100	
										UPTO 65	4125	4875	5450	6000	6700	7100	7300	7750	
										30	4375	5000	5600	6300	6700	7300	7500	8000	
										STATIC	9750	11200	12500	14000	15500	16000	16500	17500	
										30 CFO	5450	6300	7100	7750	8750	9000	9500	10000	
										15 CFO	6500	7500	8500	9250	10300	10900	11200	12150	
										10 CFO*	5800	6700	7500	8500	9330	9750	10300	10900	



# TRACTOR RADIAL

# GREEN XLR



## CARRY 40% MORE LOAD THAN STANDARD RADIAL TIRES

Unique tread pattern provides excellent grip, superior traction and longer tire life. | Greater soil protection through the larger footprint, which lowers soil compaction and generates a better crop yield. | More savings on fuel through the larger footprint that considerably increases traction, resulting in a reduction of tractor wheel slip, tire | Greater endurance and longer service life through the reinforced sidewalls that provide greater strength, even at lower pressure, and special rubber compounds that provide longer tire

Tire Size	LI/SS	Type	Rim			Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Maximum Load Capacity (kgs)								Tread Depth		
						S.W.	O.D.												mm	mm	mm
			Rec.	Alt.	NRO	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			
VF 600/70R30 NRO	168D/165E	TL	DW21B	DW20B	DW18B	603	1602	722	4756	750	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2	55	
											70	2600	3000	3400	3800	4200	4600	4800	5100		
											UPTO 65	2800	3300	3700	4200	4700	5100	5300	5600		
											30	2900	3400	3800	4400	4800	5300	5500	5800		
											STATIC	6400	7500	8500	9700	10700	11700	12200	12900		
											30 CFO	3600	4200	4800	5500	6000	6600	6900	7300		
											15 CFO	4300	5000	5700	6500	7200	7900	8200	8700		
											10 CFO*	3900	4500	5200	5900	6500	7100	7500	7800		
VF 650/65R38 NRO	169D	TL	DW23B	DW21B	DW20B	650	1811	826	5377	875	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6			50	
											70	4125	4500	4750	5000	5150	5300				
											UPTO 65	4500	5000	5150	5450	5600	5800				
											30	4625	5150	5300	5600	5800	6000				
											STATIC	10300	11500	12150	12500	12850	13600				
											30 CFO	6300	6900	7300	7635	7875	8120				
											15 CFO	6300	6900	7300	7635	7875	8120				
											10 CFO*	6300	6900	7300	7635	7875	8120				
VF 650/85R38 CFO	182D	TL	DW23B	DW21B		653	2071	931	6148	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2	57	
											70	6110	6345	6535	6730	6925	7115	7425	7735		
											UPTO 65	6715	6970	7185	7395	7610	7820	8160	8500		
											30	6985	7250	7470	7690	7910	8135	8485	8840		
											STATIC	15445	16030	16520	17010	17495	17985	18770	19550		
											30 CFO	8730	9060	9335	9615	9890	10165	10610	11050		
											15 CFO	10410	10805	11135	11460	11790	12120	12650	13175		
											10 CFO*	9400	9760	10055	10355	10650	10950	11425	11900		
VF 710/70R42 CFO	182D/179E	TL	DW25B	DW23B		715	2061	937	6119	975	kmph/bar	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2	2.4	61
											70	3900	4500	5100	5800	6400	7000	7400	7700	8200	
											UPTO 65	4300	4900	5600	6400	7100	7700	8100	8500	9000	
											30	4400	5100	5800	6600	7300	8000	8400	8800	9400	
											STATIC	9800	11300	12900	14700	16200	17800	18600	19600	20700	
											30 CFO	5500	6400	7300	8300	9200	10100	10500	11100	11700	
											15 CFO	6600	7600	8700	9900	10900	12000	12500	13200	14000	
											10 CFO*	6000	6900	7900	8900	9900	10800	11300	11900	12600	
VF 380/90R46	173D	TL	W13	W12		383	1832	862	5542	925	kmph/bar	1	1.2	1.6	2.4	3.2	3.6	4	4.4	48	
											70	2500	2800	3450	4750	4875	5150	5450	6000		
											UPTO 65	2800	3150	3875	4500	5300	5600	6000	6500		
											30	3875	3250	3875	4500	5450	5800	6150	6700		
											STATIC	6500	7100	8750	10300	12150	12850	13600	15000		
											30 CFO	3875	4375	6300	6300	7500	8000	8250	9000		
											15 CFO	3875	4375	6300	6300	7500	8000	8250	9000		
											10 CFO*	3875	4375	6300	6300	7500	8000	8250	9000		
VF 380/90R46	173D/169E	TL	W13	W12		383	1832	862	5542	925	kmph/bar	1	1.2	1.6	2.4	3.2	3.6	4	4.4	48	
											70	2500	2800	3450	4750	4875	5150	5450	6000		
											UPTO 65	2800	3150	3875	4500	5300	5600	6000	6500		
											30	3875	3250	3875	4500	5450	5800	6150	6700		
											STATIC	6500	7100	8750	10300	12150	12850	13600	15000		
											30 CFO	3875	4375	6300	6300	7500	8000	8250	9000		
											15 CFO	3875	4375	6300	6300	7500	8000	8250	9000		
											10 CFO*	3875	4375	6300	6300	7500	8000	8250	9000		







# FRONT TIRE



# GREEN EX



## FT1 (F2)

## BIAS TIRES FOR TRACTORS

Designed for 2WD tractors in soil tillage and transport applications | Raised center rib ensures high level of handling comfort | Superior cut and chip resistant rubber compound

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	20 mph	Inflation Pressure	25 mph	Inflation Pressure	Tread Depth
					S.W.	O.D.			Max. Load		Max. Load		
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	kgs.	bar	mm
5.00-15	4	TT	3.00D	-	130	664	307	1951	365	2.8	335	2.8	13
5.00-15	4	TL	3.00D	-	130	664	307	1951	365	2.8	335	2.8	13
5.00-15	6	TT	3.00D	-	130	664	307	1951	475	3.7	437	3.7	13
5.50-16	6	TT	4.00E	3.5D,4.5E	157	719	330	2134	530	3.8	425	3.8	15
5.50-16	6	TL	4.00E	3.5D,4.5E	157	719	330	2134	530	3.8	425	3.8	15
6.00-16	6	TT	4.50E	4.00E,4.25KA	169	735	346	2190	560	3.6	515	3.6	19
6.00-16	6	TL	4.50E	4.00E,4.25KA	169	735	346	2190	560	3.6	515	3.6	19
6.00-16	8	TT	4.50E	4.00E,4.25KA	169	735	346	2190	670	4.7	615	4.7	19
6.00-16	10	TT	4.50E	4.00E,4.25KA	169	735	346	2190	750	5.5	690	5.5	19
6.50-16	6	TT	4.50E	4.00E,4.25KA	175	761	344	2295	615	3.3	560	3.3	19
6.50-16	6	TL	4.50E	4.00E,4.25KA	175	761	344	2295	615	3.3	560	3.3	19
7.50-16	8	TT	5.50F	6LB	203	808	366	2440	875	3.7	775	3.7	21
7.50-16	8	TL	5.50F	6LB	203	808	366	2440	875	3.7	775	3.7	21
10.00-16	8	TL	W8	W8L, 8LB	275	900	418	2682	1320	2.8	1215	2.8	29
10.00-16	8	TT	W8	W8L, 8LB	275	900	418	2682	1320	2.8	1215	2.8	29
10.00-16	10	TT	W8	W8L, 8LB	275	900	418	2682	1360	3.4	1250	3.4	29
10.00-16	10	TL	W8	W8L, 8LB	275	900	418	2682	1360	3.4	1250	3.4	29
11.00-16	8	TT	W10 L	W 8, W 8 L	315	965	434	2893	1450	2.8	1320	2.8	30
11.00-16	10	TT	W10 L	W 8, W 8 L	315	965	434	2893	1650	3.1	1500	3.1	30
7.50-18	8	TT	5.50F	6LB	203	860	366	2440	950	3.9	850	3.9	21
6.00-19	6	TT	4.50E	4.00E,4.25KA	169	814	382	2445	650	3.3	580	3.3	19
7.50-20	8	TT	5.50F	5.00F	206	914	432	2718	1030	3.4	825	3.4	21



# FRONT TIRE

# GREEN EX



## FT2 (F2)



## BIAS FRONT TIRES BUILT FOR TRACTORS

Designed for 2WD tractors in soil tillage and transport applications | Raised center rib ensures high level of handling comfort | Superior cut and chip resistant rubber compound | Excellent self-cleaning properties due to the notches on the side wall | Open shoulder tread design for improved traction in soft soil conditions

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	20 mph	Inflation Pressure	25 mph	Inflation Pressure	Tread Depth
					S.W.	O.D.			Max. Load		Max. Load		
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	kgs.	bar	mm
5.00-16	6	TT	4.00E	3.00D,4J,4 1/2J	140	681	330	2032	500	4.1	400	4.1	12
5.50-16	6	TT	4.00E	3.5D,4.5E	157	719	330	2134	530	3.7	425	3.7	15
6.00-16	8	TT	4.50E	4.00E,4.25KA	159	739	333	2220	670	4.5	615	4.5	16
6.00-16	6	TT	4.50E	4.00E,4.25KA	159	739	333	2220	560	3.6	515	3.6	16
6.00-16	10	TT	4.50E	4.00E,4.25KA	159	739	333	2220	750	5.5	690	5.5	16
6.50-16	6	TT	4.50E	4.00E,4.25KA	173	761	344	2295	615	3.3	560	3.3	18
7.50-16	6	TT	5.50F	6LB	203	808	366	2440	750	3.0	670	3.0	21
7.50-16	8	TT	5.50F	6LB	203	808	366	2440	875	3.9	775	3.9	21
9.00-16	10	TT	W8	6.00F,W7,W8L	234	827	398	2548	1250	3.9	1090	3.9	24
10.00-16	10	TT	W8L	8LB	274	894	418	2682	1360	3.4	1180	3.4	24
10.00-16	10	TL	W8L	8LB	274	894	418	2682	1360	3.4	1180	3.4	27
10.00-16	10	TT	W8L	8LB	274	894	418	2682	1360	3.4	1180	3.4	27
7.50-18	8	TT	5.50F	-	208	874	406	2616	950	3.9	850	3.9	21
6.50-20	6	TT	5.00F	4E,5.5F	180	864	406	2565	730	3.1	650	3.1	18
6.50-20	8	TT	5.00F	4E,5.5F	180	864	406	2565	825	3.9	730	3.9	18
7.50-20	6	TT	5.50F	5.0F	206	914	432	2718	875	2.8	775	2.8	21
7.50-20	8	TT	5.50F	5.0F	206	914	432	2718	1000	3.8	925	3.8	21



# FRONT TIRE



# GREEN EX

**X**  **FT3 (F2M)**

## BIAS FRONT TIRES BUILT FOR TRACTORS

Designed for 2WD tractors in soil tillage | Best suited for farming operations requiring a high level of handling | Long-lasting performance in both on-off the road services | Four rib tread design provides stability under heavy loads

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension $\pm 2\%$		SLR	RC $\pm 2.5\%$	30 kmph	Inflation Pressure	40 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.			Max. Load		Max. Load		
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	kgs.	bar	mm
9.5L-15	8	TL	8LB	-	241	782	365	2325	925	3.3	850	3.3	18
11L-15	8	TL	8LB	10LB	280	795	370	2370	1030	3.0	950	3.0	21
10.00-16	10	TL	W 8 L	8 L B	274	894	408	2692	1285	3.3	1180	3.3	20
11.00-16	10	TL	10 LB	W 8, W 8 L	315	968	457	2895	1550	3.6	1400	3.6	24
14L-16.1	12	TL	16.1 x W11C	-	356	980	453	2920	1900	3.6	1750	3.6	27





A landscape photograph showing a vast green field under a clear blue sky. In the foreground, there is a strip of dark brown, plowed earth, suggesting a field being prepared for planting. The text is overlaid on the upper portion of the image.

**Embracing innovation and new technology combined with a focus on operational excellence have powered GRI to become a leader in specialty tires.**



# TRACTOR BIAS



# GREEN EX



## RT100 (R1)

## BIAS TIRES BUILT FOR TRACTORS

Dual angle lug design provides all round capabilities both on and off road applications | Strong casing offers improved Load carrying capacity | Higher number of lugs for better traction and stability | X tread compound provides extra protection from tread pitting, field scarring, and weather cracking.

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Speed Symbol	Load Index	30 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.					Max. Load		
			Rec.	Alt.	mm	mm	mm	mm			kgs.	bar	mm
8.25-16	8	TT	6.00F	-	829	818	382	2540	A 6	102	850	2.8	26
8.3-24	8	TT	W7	-	211	995	469	2985	A 6	105	925	3.1	28
8.3-24	8	TL	W7	-	211	995	469	2985	A 6	105	925	3.1	28
9.5-24	8	TT	W 8	W 7,W8H	241	1056	494	3117	A 6	112	1120	2.8	31
9.5-24	8	TL	W 8	W 7,W8H	241	1056	494	3117	A 6	112	1120	2.8	31
11.2-24	8	TT	W 10	W 9	284	1105	515	3249	A 6	116	1250	2.4	33
11.2-24	8	TL	W 10	W 9	284	1105	515	3249	A 6	116	1250	2.4	33
12.4-24	8	TT	W 11	W 9, W 10	315	1160	535	3524	A 6	121	1450	2.3	34
12.4-24	8	TL	W 11	W 9, W 10	315	1160	535	3524	A 6	121	1450	2.3	34
12.4-24	12	TT	W 11	W 9, W 10	315	1160	535	3524	A 6	128	1800	3.5	34
13.6-24	8	TT	W 12	W 11	345	1210	560	3556	A 6	123	1550	2.0	36
13.6-24	8	TL	W 12	W 11	345	1210	560	3556	A 6	123	1550	2.0	36
14.9-24	8	TT	W 13	W 11, W 12	378	1265	583	3719	A 6	128	1800	1.8	37
14.9-24	8	TL	W 13	W 11, W 12	378	1265	583	3719	A 6	128	1800	1.8	37
14.9-24	12	TT	W 13	W 11, W 12	378	1265	583	3719	A 6	136	2240	2.6	37
14.9-24	12	TL	W 13	W 11, W 12	378	1265	583	3719	A 6	136	2240	2.6	37
16.9-24	8	TT	W 15 L	W 14 L	429	1335	613	3925	A 6	133	2060	1.7	40
16.9-24	8	TL	W 15 L	W 14 L	429	1335	613	3925	A 6	133	2060	1.7	40
18.4-26	12	TT	W 16 L	W 15 L	467	1450	662	4278	A 6	146	3000	2	39
18.4-26	12	TL	W 16 L	W 15 L	467	1450	662	4278	A 6	146	3000	2	39
23.1-26	12	TL	DW 20B		587	1600	700	4650	A 6	153	3650	2	43
11.2-28	8	TT	W 10	W 9	284	1205	565	3543	A 6	118	1320	2.4	33
11.2-28	8	TL	W 10	W 9	284	1205	565	3543	A 6	118	1320	2.4	33
12.4-28	8	TT	W 11	W 9, W 10	325	1260	589	3704	A 6	123	1550	2.3	34
12.4-28	8	TL	W 11	W 9, W 10	325	1260	589	3704	A 6	123	1550	2.3	34
12.4-28	12	TT	W 11	W 9, W 10	325	1260	589	3704	A 6	131	1950	3.5	34
12.4-28	12	TL	W 11	W 9, W 10	325	1260	589	3704	A 6	131	1950	3.5	34
13.6-28	8	TT	W 12	W 11	345	1310	614	4031	A 6	125	1650	2.0	36
13.6-28	8	TL	W 12	W 11	345	1310	614	4031	A 6	125	1650	2.0	36
13.6-28	12	TT	W 12	W 11	345	1310	614	4031	A 6	134	2120	3.0	36
13.6-28	12	TL	W 12	W 11	345	1310	614	4031	A 6	134	2120	3.0	36
14.9-28	8	TT	W 13	W 11, W 12	378	1365	634	4013	A 6	130	1900	1.8	37
14.9-28	8	TL	W 13	W 11, W 12	378	1365	634	4013	A 6	130	1900	1.8	37
14.9-28	12	TT	W 13	W 11, W 12	378	1365	634	4013	A 8	137	2300	2.6	37
16.9-28	8	TT	W 15 L	W 14 L	429	1435	655	4310	A 6	135	2180	1.7	40
16.9-28	8	TL	W 15 L	W 14 L	429	1435	655	4310	A 6	135	2180	1.7	40
16.9-28	12	TT	W 15 L	W 14 L	429	1435	655	4310	A 6	143	2725	2.4	40
16.9-30	8	TT	W 15 L	W 14 L	429	1485	687	4501	A 6	137	2300	1.7	40
16.9-30	8	TL	W 15 L	W 14 L	429	1485	687	4501	A 6	137	2300	1.7	40
16.9-30	10	TT	W 15 L	W 14 L	429	1485	687	4501	A 6	139	2430	2.0	40
16.9-30	12	TT	W 15 L	W 14 L	429	1485	687	4501	A 6	144	2800	2.4	40

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Speed Symbol	Load Index	30 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.					Max. Load		
			Rec.	Alt.	mm	mm					mm		
16.9-30	12	TL	W 15 L	W 14 L	429	1485	687	4501	A 6	144	2800	2.4	40
18.4-30	8	TT	W16L	W 15 L	460	1545	707	4741	A 6	139	2430	1.4	39
18.4-30	8	TL	W16L	W 15 L	460	1545	707	4741	A 6	139	2430	1.4	39
18.4-30	12	TT	W16L	W 15 L	460	1545	707	4741	A 6	149	3250	2.3	39
18.4-30	12	TL	W16L	W 15 L	460	1545	707	4741	A 6	149	3250	2.3	39
18.4-30	14	TT	W16L	W 15 L	460	1545	707	4741	A 6	151	3450	2.6	39
18.4-30	14	TL	W16L	W 15 L	460	1545	707	4741	A 6	151	3450	2.6	39
12.4-32	8	TT	W 11	W 9 W 10	315	1360	639	3998	A 6	124	1600	2.3	34
12.4-32	8	TL	W 11	W 9 W 10	315	1360	639	3998	A 6	124	1600	2.3	34
30.5L-32	10	TL	DW27B	DH27B	775	1865	831	5520	A 6	154	3750	1.1	
30.5L-32	12	TL	DW27B	DH27B	775	1865	831	5520	A6	162	4750	1.4	
30.5L-32	18	TL	DW27B	DH27B	775	1865	831	5520	A 6	170	6000	2.1	48
30.5L-32	18	TT	DW27B	DH27B	775	1865	831	5520	A 6	170	6000	2.1	48
30.5L-32	20	TL	DW27B	DH27B	775	1865	831	5520	A 6	171	6150	2.4	48
30.5L-32	20	TT	DW27B	DH27B	775	1865	831	5520	A 6	171	6150	2.4	48
16.9-34	8	TT	W 15 L	W 14 L	429	1585	738	4650	A 6	139	2430	1.7	40
16.9-34	8	TL	W 15 L	W 14 L	429	1585	738	4650	A 6	139	2430	1.7	40
18.4-34	8	TT	W 16 L	W 15 L	467	1650	766	4850	A 6	142	2650	1.4	39
18.4-34	8	TL	W 16 L	W 15 L	467	1650	766	4850	A 6	142	2650	1.4	39
18.4-34	10	TT	W 16 L	W 15 L	467	1650	766	4850	A 6	146	3000	1.8	39
18.4-34	10	TL	W 16 L	W 15 L	467	1650	766	4850	A 6	146	3000	1.8	39
18.4-34	12	TT	W 16 L	W 15 L	467	1650	766	4850	A 6	151	3450	2.3	39
18.4-34	12	TL	W 16 L	W 15 L	467	1650	766	4850	A 6	151	3450	2.3	39
13.6-38	8	TT	W 12	W 11	345	1565	738	4601	A 6	131	1950	2.0	36
15.5-38	8	TT	W 14 L	DW 14 A	395	1585	746	4660	A 6	133	2060	2	39
15.5-38	8	TL	W 14 L	DW 14 A	395	1585	746	4660	A 6	133	2060	2	39
16.9-38	8	TL	W 15 L	W 14 L	429	1685	788	4954	A 6	141	2575	1.7	40
16.9-38	10	TT	W 15 L	W 14 L	429.0	1685	788	4954	A 6	143	2725	2.0	40
18.4-38	8	TT	W 16 L	W 15 L	467	1750	816	5145	A 6	143	2725	1.4	39
18.4-38	10	TT	W 16 L	W 15 L	467	1750	816	5145	A 6	148	3150	1.8	39
18.4-38	12	TT	W 16 L	W 15 L	467	1750	816	5145	A 6	153	3650	2.3	39
20.8-38	10	TT	W18L	W16L	530	1835	852	5395	A 6	152	3550	1.5	41
20.8-38	10	TL	W18L	W16L	530	1835	852	5395	A 6	152	3550	1.5	41

# TRACTOR BIAS



## BIAS TIRES BUILT FOR UTILITY TRACTORS

Unique tread design offers superior traction in wet soil | Flexible sidewall provides high ride comfort and less fatigue | Strong casing & special compound for excellent durability of the tire | Tie bar design increases lug stability and eliminates lug base cracks

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	30 kzmph	Inflation Pressure	Tread Depth
					S.W.	O.D.					
			Rec.	Alt.	mm	mm					
7-14	8	TT	5JA	5KB	183	691	469	2097	1507	4.0	27



# FLOTATION RADIAL



# GREEN XLR



## F77 (HF2)

## FLOTATION RADIAL TIRES FOR HEAVY-DUTY TRAILERS

Multi-directional tread | Wide tread width | Optional stubble compound | High center block to lug ratio | Wide lug width | Optimum wet/dry traction ratio & dual angle block-lug | Dual layer tie bar & mud-breakers | Shoulder buttress design Offers high load carrying capacity at low inflation pressure

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension $\pm 2\%$		SLR		RC $\pm 2.5\%$	Maximum Load Capacity (kgs)								Tread Depth mm	
					S.W.	O.D.				mm	mm	mm	mm	mm	mm	mm	mm		
			Rec.	Alt.	mm	mm													
500/60R22.5	155 D	TL	AG 16.00	15.00, 17.00	503	1171	531	3577	550	kmph/bar	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	23
										70	1500	1800	2000	2300	2575	2900	3150	3450	
										65	1650	2000	2180	2500	2900	3150	3450	3750	
										50	2000	2360	2650	3075	3450	3750	4250	4625	
										40	2240	2650	3000	3450	3875	4375	4750	5150	
										25	2575	3075	3450	4000	4625	5000	5450	6000	
										10	2900	3550	4000	4625	5150	5600	6150	6900	
500/60R22.5	169 D	TL	AG 16.00	15.00, 17.00	503	1171	531	3577	550	kmph/bar	1.2	1.6	2.4	2.8	3.6	4.0	5.0	6.0	23
										70	1700	2120	2650	3075	3650	4000	4625	5150	
										65	1900	2300	3000	3350	4000	4500	5000	5600	
										50	2240	2800	3550	4125	4875	5300	6000	6900	
										40	2575	3150	4000	4625	5450	6000	6900	7750	
										25	3000	3650	4625	5300	6300	7100	8000	9000	
										10	3350	4250	5300	6000	7300	8000	9000	10300	
560/60R22.5	161 D / 172 A8	TL	AG 16.00	16.00, 17.00, AG 20	543	1244	549	3785	600	kmph/bar	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	23
										70	1770	2120	2490	2840	3185	3540	3875	4215	
										65	1945	2325	2735	3115	3495	3885	4255	4625	
										50	2350	2815	3305	3770	4230	4700	5150	5595	
										40	2645	3170	3725	4245	4765	5290	5795	6300	
										25	3070	3675	4320	4925	5525	6140	6725	7310	
										10	3495	4185	4920	5610	6295	6995	7650	8325	
560/60R22.5	165D/ 176A8	TL	AG 16.00	16.00, 17.00, AG 20	543	1244	549	3785	600	kmph/bar	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	23
										70	1925	2395	2725	3145	3565	3895	4270	4690	
										65	2115	2630	2990	3455	3915	4275	4690	5150	
										50	2560	3180	3620	4180	4740	5180	5675	6235	
										40	2875	3575	4065	4695	5325	5815	6375	7005	
										25	3340	4155	4725	5455	6190	6760	7410	8140	
										10	3805	4730	5380	6215	7050	7695	8440	9270	
600/50R22.5	159D	TL	AG 20.00		612	1171	518	3533	550	kmph/bar	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	23
										70	1700	2060	2240	2575	3000	3250	3550	3875	
										65	1850	2240	2500	2900	3250	3550	3875	4375	
										50	2240	2650	3000	3450	4000	4375	4750	5150	
										40	2500	3000	3350	3875	4500	4875	5300	5800	
										25	2900	3550	3875	4500	5150	5600	6150	6700	
										10	3350	4000	4500	5150	5800	6300	7100	7750	
600/50R22.5	168D	TL	AG 20.00		612	1171	518	3533	550	kmph/bar	1.2	1.6	2.4	2.8	3.6	4.0	5.0	6.0	23
										70	1700	2060	2650	3000	3550	4000	4500	4750	
										65	1850	2300	2900	3250	4000	4375	4875	5150	
										50	2240	2725	3550	4000	4750	5300	6000	6300	
										40	2500	3075	4000	4500	5300	6000	6700	7100	
										25	2900	3650	4625	5150	6300	6900	7750	8250	
										10	3250	4125	5150	6000	7100	7750	9000	9500	
560/45R22.5	152D	TL	AG 16.00		543	1076	490	3290	550	kmph/bar	1.2	1.6	2.4	2.8	3.6	4.0	5.0	6.0	23
										70	1700	2120	2650	3075	3650	4000	4625	5150	
										65	1900	2300	3000	3350	4000	4500	5000	5600	
										50	2240	2800	3550	4125	4875	5300	6000	6900	
										40	2575	3150	4000	4625	5450	6000	6900	7750	
										25	3000	3650	4625	5300	6300	7100	8000	9000	
										10	2620	3260	3710	4285	4860	5305	5815	6390	
710/40R22.5	161D	TL	AG 24.00		726	1140	525	3421	550	kmph/bar	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	23
										70	1800	2180	2430	2800	3150	3450	3750	4250	
										65	2000	2360	2650	3075	3450	3750	4250	4625	
										50	2360	2900	3250	3750	4250	4625	5000	5600	
										40	2650	3250	3650	4250	4750	5150	5600	6300	
										25	3075	3750	4250	4875	5450	6000	6700	7300	
										10	3550	4375	4750	5450	6300	6900	7500	8250	
710/45R22.5	165D	TL	AG 24.00		726	1211	542	3658	575	kmph/bar	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	23
										70	2000	2430	2725	3075	3550	3875	4250	4625	
										65	2180	2650	3000	3450	3875	4250	4625	5150	
										50	2650	3250	3550	4125	4750	5150	5600	6150	
										40	3000	3650	4000	4625	5300	5800	6300	6900	
										25	3450	4250	4750	5450	6150	6700	7300	8250	
										10	4000	4750	5300	6150	7100	7750	8500	9250	







# FLOTATION BIAS



# GREEN EX



## FL700 (HF2)

## FLOTATION BIAS TIRES BUILT FOR HEAVY-DUTY TRAILERS

Specially designed to carry heavy loads at low inflation pressure | Unique tire design offering riding comfort, low rolling resistance, and better machine stability both on and off road | Reinforced bead provides high load carrying capacity

Tire Size	Type	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Load Index Speed Symbol	Inflation Pressure bar	Maximum Load (kgs)								Tread Depth mm
						S.W.	O.D.					Speed								
				Rec.	Alt.	mm	mm	mm	mm			Drive Tire				Free Rolling				
												10 kmph	25 kmph	40 kmph	50 kmph	10 kmph	25 kmph	40 kmph	50 kmph	
400/60-15.5	Standard	14	TL	AG 13.00	400	875	380	2564	145/A8/ FR	43	2500	2130	1790	1610	3520	2990	2520	2270	20	
									141/B/ FR	46	2600	2210	1860	1670	3660	3110	2620	2360		
									132/A8/ DW	49	2700	2290	1930	1730	3800	3230	2720	2450		
									128/B/ DW	52	2800	2380	2000	1800	3950	3360	2820	2540		
									Cyclic	73	4010	3410	2860	2580	4750	4040	3390	3060		
400/60-15.5	Stubble Resistant	14	TL	AG 13.00	400	875	380	2564	145/A8/ FR	43	2500	2130	1790	1610	3520	2990	2520	2270	20	
									141/B/ FR	46	2600	2210	1860	1670	3660	3110	2620	2360		
									132/A8/ DW	49	2700	2290	1930	1730	3800	3230	2720	2450		
									128/B/ DW	52	2800	2380	2000	1800	3950	3360	2820	2540		
									Cyclic	73	4010	3410	2860	2580	4750	4040	3390	3060		
400/60-15.5	Standard	18	TL	AG 13.00	400	875	380	2564	149/A8	43	2500	2130	1790	1610	3520	2990	2520	2270	20	
									145/B	46	2600	2210	1860	1670	3660	3110	2620	2360		
									137/A8	49	2700	2290	1930	1730	3800	3230	2720	2450		
									133/B	52	2800	2380	2000	1800	3950	3360	2820	2540		
									Cyclic	73	4010	3410	2860	2580	4750	4040	3390	3060		
400/60-15.5	Stubble Resistant	18	TL	AG 13.00	400	875	380	2564	149/A8	57	2870	2450	2060	1850	4050	3450	2900	2620	20	
									145/B	59	2980	2540	2140	1920	4210	3580	3010	2720		
									137/A8	62	3100	2640	2220	1990	4380	3720	3130	2820		
									133/B	65	3220	2740	2300	2070	4550	3870	3250	2930		
									Cyclic	91	4610	3920	3290	2970	5460	4650	3900	3510		
500/45-22.5	Standard	16	TL	AG 16.00	500	1044	457.2	3099	154/A8	43	3310	2820	2370	2140	4670	3970	3330	3000	19	
									150/B	46	3440	2930	2460	2220	4850	4130	3460	3120		
									142/A8	49	3570	3040	2550	2300	5040	4290	3600	3240		
									138/B	52	3710	3160	2650	2390	5240	4460	3740	3370		
									Cyclic	73	5310	4520	3790	3420	6290	5350	4490	4050		
500/45-22.5	Stubble Resistant	16	TL	AG 16.00	500	1044	457.2	3099	154/A8	43	3310	2820	2370	2140	4670	3970	3330	3000	19	
									150/B	46	3440	2930	2460	2220	4850	4130	3460	3120		
									142/A8	49	3570	3040	2550	2300	5040	4290	3600	3240		
									138/B	52	3710	3160	2650	2390	5240	4460	3740	3370		
									Cyclic	73	5310	4520	3790	3420	6290	5350	4490	4050		
500/50-22.5	Standard	16	16	AG 16.00	500	1069	482.6	3200	158/A8/ FR	35	8245	7035	5910	5315	11620	9900	8310	7495	22	
									154/B/ FR	38	8575	7295	6130	5510	12080	10295	8640	7780		
									146/A8/ DW	41	8905	7585	6370	5730	12565	10690	8975	8090		
									142/B/ DW	44	9260	7870	6615	5950	13075	11110	9325	8400		
									Cyclic	61	13250	11265	9460	8530	15695	13340	11200	10095		
500/50-22.5	Stubble Resistant	16	TL	AG 16.00	500	1069	482.6	3200	158/A8/ FR	35	8245	7035	5910	5315	11620	9900	8310	7495	22	
									154/B/ FR	38	8575	7295	6130	5510	12080	10295	8640	7780		
									146/A8/ DW	41	8905	7585	6370	5730	12565	10690	8975	8090		
									142/B/ DW	44	9260	7870	6615	5950	13075	11110	9325	8400		
									Cyclic	61	13250	11265	9460	8530	15695	13340	11200	10095		

Tire Size	Type	PR	TT/ TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Load Index Speed Symbol	Inflation Pressure bar	Maximum Load (kgs)								Tread Depth mm
						S.W.	O.D.					Speed								
				Rec.	Alt.	mm	mm	Drive Tire				Free Rolling								
								10 kmph	25 kmph			40 kmph	50 kmph	10 kmph	25 kmph	40 kmph	50 kmph			
500/50-22.5	Standard	20	TL	AG 16.00		500	1069	482.6	3200	163/A8	3.2	4300	3660	3080	2770	6070	5170	4340	3910	22
										159/B	3.4	4470	3800	3200	2880	6310	5370	4510	4060	
										151/A8	3.6	4650	3950	3320	2990	6560	5580	4690	4220	
										147/B	3.8	4830	4110	3450	3110	6820	5800	4870	4390	
										Cyclic	5.3	6920	5880	4940	4450	8190	6970	5850	5270	
500/50-22.5	Stubble Resistant	20	TL	AG 16.00		500	1069	482.6	3200	163/A8	3.2	4300	3660	3080	2770	6070	5170	4340	3910	22
										159/B	3.4	4470	3800	3200	2880	6310	5370	4510	4060	
										151/A8	3.6	4650	3950	3320	2990	6560	5580	4690	4220	
										147/B	3.8	4830	4110	3450	3110	6820	5800	4870	4390	
										Cyclic	5.3	6920	5880	4940	4450	8190	6970	5850	5270	
500/60-22.5	Standard	16	TL	AG 16.00	15.00, 17.00	500	1171	482.6	3200	163/A8	2.5	4300	3660	3080	2770	6070	5170	4340	3910	27
										159/B	2.7	4470	3800	3200	2880	6310	5370	4510	4060	
										151/A8	2.9	4650	3950	3320	2990	6560	5580	4690	4220	
										147/B	3.1	4830	4110	3450	3110	6820	5800	4870	4390	
										Cyclic	4.3	6920	5880	4940	4450	8190	6970	5850	5270	
500/60-22.5	Stubble Resistant	16	TL	AG 16.00	15.00, 17.00	500	1171	482.6	3200	163/A8	2.5	4300	3660	3080	2770	6070	5170	4340	3910	27
										159/B	2.7	4470	3800	3200	2880	6310	5370	4510	4060	
										151/A8	2.9	4650	3950	3320	2990	6560	5580	4690	4220	
										147/B	3.1	4830	4110	3450	3110	6820	5800	4870	4390	
										Cyclic	4.3	6920	5880	4940	4450	8190	6970	5850	5270	
550/45-22.5	Standard	16	TL	AG 16.00		551	1069	482.6	3200	159/A8	2.2	3840	3260	2740	2470	5420	4600	3870	3480	22
										156/B	2.4	3990	3390	2850	2570	5630	4780	4020	3620	
										147/A8	2.6	4150	3520	2960	2670	5850	4970	4180	3760	
										144/B	2.8	4310	3660	3075	2770	6080	5170	4340	3910	
										Cyclic	3.9	6160	5240	4400	3960	7300	6200	5210	4690	
550/45-22.5	Stubble Resistant	16	TL	AG 16.00		551	1069	482.6	3200	159/A8	2.2	3840	3260	2740	2470	5420	4600	3870	3480	22
										156/B	2.4	3990	3390	2850	2570	5630	4780	4020	3620	
										147/A8	2.6	4150	3520	2960	2670	5850	4970	4180	3760	
										144/B	2.8	4310	3660	3075	2770	6080	5170	4340	3910	
										Cyclic	3.9	6160	5240	4400	3960	7300	6200	5210	4690	
550/60-22.5	Standard	16	TL	AG 16.00		551	1240	533.4	3734	166/A8	2.4	4680	3980	3340	3010	6600	5610	4710	4250	27
										162/B	2.6	4860	4140	3470	3130	6860	5830	4900	4420	
										154/A8	2.8	5050	4300	3610	3250	7130	6060	5090	4590	
										150/B	3	5250	4470	3750	3380	7410	6300	5290	4770	
										Cyclic	4.2	7520	6400	5370	4840	8890	7560	6350	5720	
550/60-22.5	Stubble Resistant	16	TL	AG 16.00		551	1240	533.4	3734	166/A8	2.4	4680	3980	3340	3010	6600	5610	4710	4250	27
										162/B	2.6	4860	4140	3470	3130	6860	5830	4900	4420	
										154/A8	2.8	5050	4300	3610	3250	7130	6060	5090	4590	
										150/B	3	5250	4470	3750	3380	7410	6300	5290	4770	
										Cyclic	4.2	7520	6400	5370	4840	8890	7560	6350	5720	
600/50-22.5	Standard	16	TL	AG 20.00		599	1171	508.0	3505	165/A8	2	4550	3880	3250	2940	6410	5450	4580	4130	27
										161/B	2.2	4730	4030	3380	3050	6660	5670	4760	4290	
										153/A8	2.4	4920	4190	3510	3170	6930	5900	4950	4460	
										149/B	2.6	5110	4350	3650	3290	7210	6130	5150	4640	
										Cyclic	3.6	7310	6220	5220	4700	8660	7360	6180	5570	
600/50-22.5	Stubble Resistant	16	TL	AG 20.00		599	1171	508.0	3505	165/A8	2	4550	3880	3250	2940	6410	5450	4580	4130	27
										161/B	2.2	4730	4030	3380	3050	6660	5670	4760	4290	
										153/A8	2.4	4920	4190	3510	3170	6930	5900	4950	4460	
										149/B	2.6	5110	4350	3650	3290	7210	6130	5150	4640	
										Cyclic	3.6	7310	6220	5220	4700	8660	7360	6180	5570	



Tire Size	Type	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Load Index Speed Symbol	Inflation Pressure bar	Maximum Load (kgs)								Tread Depth
						S.W.	O.D.					Speed								
				Rec.	Alt.	mm	mm	mm	mm			Drive Tire				Free Rolling				
												10 kmph	25 kmph	40 kmph	50 kmph	10 kmph	25 kmph	40 kmph	50 kmph	mm
600/50-22.5	Standard	18	TL	AG 20.00		599	1171	508.0	3505	167/A8	2.2	4830	4110	3450	3110	6820	5790	4870	4390	27
										163/B	2.4	5020	4270	3590	3230	7090	6020	5060	4560	
										155/A8	2.6	5220	4440	3730	3360	7370	6260	5260	4740	
										151/B	2.8	5430	4620	3875	3490	7660	6510	5470	4930	
										Cyclic	3.9	7770	6610	5550	5000	9200	7820	6570	5920	
600/50-22.5	Stubble Resistant	18	TL	AG 20.00		599	1171	508.0	3505	167/A8	2.2	4830	4110	3450	3110	6820	5790	4870	4390	27
										163/B	2.4	5020	4270	3590	3230	7090	6020	5060	4560	
										155/A8	2.6	5220	4440	3730	3360	7370	6260	5260	4740	
										151/B	2.8	5430	4620	3875	3490	7660	6510	5470	4930	
										Cyclic	3.9	7770	6610	5550	5000	9200	7820	6570	5920	
600/55-22.5	Standard	16	TL	AG 20.00		599	1229	533.4	3708	169/A8	2	4980	4240	3560	3210	7030	5970	5020	4520	27
										166/B	2.2	5180	4410	3700	3330	7310	6210	5220	4700	
										156/A8	2.4	5390	4580	3850	3460	7600	6460	5430	4890	
										153/B	2.6	5600	4760	4000	3600	7900	6720	5800	5080	
										Cyclic	3.6	8010	6810	5720	5150	9480	8060	6770	6100	
600/55-22.5	Stubble Resistant	16	TL	AG 20.00		599	1229	533.4	3708	169/A8	2	4980	4240	3560	3210	7030	5970	5020	4520	27
										166/B	2.2	5180	4410	3700	3330	7310	6210	5220	4700	
										156/A8	2.4	5390	4580	3850	3460	7600	6460	5430	4890	
										153/B	2.6	5600	4760	4000	3600	7900	6720	5800	5080	
										Cyclic	3.6	8010	6810	5720	5150	9480	8060	6770	6100	
700/40-22.5	Standard	16	TL	AG 24.00		701	1171	508.0	3531	166/A8	1.6	4680	3980	3340	3010	6600	5610	4710	4250	27
										162/B	1.8	4860	4140	3470	3130	6860	5830	4900	4420	
										154	2	5050	4300	3610	3250	7130	6060	5090	4590	
										150/B	2.2	5250	4470	3750	3380	7410	6300	5290	4770	
										Cyclic	3.1	7520	6400	5370	4840	8890	7560	6350	5720	
700/40-22.5	Stubble Resistant	16	TL	AG 24.00		701	1171	508.0	3531	166/A8	1.6	4680	3980	3340	3010	6600	5610	4710	4250	27
										162/B	1.8	4860	4140	3470	3130	6860	5830	4900	4420	
										154	2	5050	4300	3610	3250	7130	6060	5090	4590	
										150/B	2.2	5250	4470	3750	3380	7410	6300	5290	4770	
										Cyclic	3.1	7520	6400	5370	4840	8890	7560	6350	5720	
700/40-22.5	Standard	18	TL	AG 24.00		701	1171	508.0	3531	FR173A8	2.6	5610	4770	4010	3610	8090	6880	5780	5210	27
										FR169B	2.8	5830	4960	4170	3750	8410	7150	6010	5420	
										DW160A8	3	6060	5160	4330	3900	8750	7440	6250	5630	
										DW156B	3.2	6300	5360	4500	4050	9100	7740	6500	5850	
										Cyclic	4.5	9020	7670	6440	5800	10920	9290	7800	7020	
700/40-22.5	Stubble Resistant	18	TL	AG 24.00		701	1171	508.0	3531	FR173A8	2.6	5610	4770	4010	3610	8090	6880	5780	5210	27
										FR169B	2.8	5830	4960	4170	3750	8410	7150	6010	5420	
										DW160A8	3	6060	5160	4330	3900	8750	7440	6250	5630	
										DW156B	3.2	6300	5360	4500	4050	9100	7740	6500	5850	
										Cyclic	4.5	9020	7670	6440	5800	10920	9290	7800	7020	
700/50-22.5	Standard	16	TL	AG 24.00		701	1270	558.8	3785	174/A8	1.8	5920	5030	4230	3810	8340	7100	5950	5370	27
										170/B	2	6160	5230	4400	3960	8670	7380	6190	5580	
										162/A8	2.2	6400	5440	4570	4120	9020	7670	6440	5800	
										158/B	2.4	6650	5660	4750	4280	9380	7980	6700	6030	
										Cyclic	3.4	9520	8100	6800	6120	11260	9570	8040	7240	
700/50-22.5	Stubble Resistant	16	TL	AG 24.00		27.6	1270	558.8	3785	174/A8	1.8	5920	5030	4230	3810	8340	7100	5950	5370	27
										170/B	2	6160	5230	4400	3960	8670	7380	6190	5580	
										162/A8	2.2	6400	5440	4570	4120	9020	7670	6440	5800	
										158/B	2.4	6650	5660	4750	4280	9380	7980	6700	6030	
										Cyclic	3.4	9520	8100	6800	6120	11260	9570	8040	7240	

# FLOTATION BIAS



# GREEN EX



## FL800 (HF3)

### FLOTATION BIAS TIRES BUILT FOR HEAVY-DUTY TRAILERS

Provides high flotation capability and reduces soil compaction | Reinforced sidewall offers excellent machine stability | Optimum land/sea ratio for improved traction, longer wear and extensive tire life Offers high load carrying capacity at low inflation pressure | Offers high load carrying capacity at low inflation pressure

Tire Size	Type	PR	TT/ TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Load Index Speed Symbol	Inflation Pressure bar	Maximum Load (kgs)								Tread Depth mm
												Speed								
				Drive Tire				Free Rolling												
				10 kmph	25 kmph	40 kmph	50 kmph	10 kmph	25 kmph			40 kmph	50 kmph							
Rec.	Alt.	mm	mm	mm	mm															
600/50-22.5	Standard	16	TL	AG 20.00		599	1171	508.0	3505	165/A8	2	4550	3880	3250	2940	6410	5450	4580	4130	
										161/B	2.2	4730	4030	3380	3050	6660	5670	4760	4290	
										153/A8	2.4	4920	4190	3510	3170	6930	5900	4950	4460	
										149/B	2.6	5110	4350	3650	3290	7210	6130	5150	4640	
										Cyclic	3.6	7310	6220	5220	4700	8660	7360	6180	5570	
600/50-22.5	Standard	18	TL	AG 20.00		599	1171	508.0	3505	157/B	3.84	4625	3875	3250	2900	10900	6500	5450	4625	
										DW161/A8	3.2	6500	5450	4625	4125	14000	9250	7750	6500	
										173/A8	2.8	6000	5000	4250	3875	14000	8500	7100	6000	
										169/B	2.4	6500	5450	4625	4125	14000	9250	7750	6500	
										STATIC	2.0	7100	6000	5000	4625	14000	10000	8500	7100	
700/40-22.5	Stubble Resistant	18	TL	AG 24.00		701	1171	508.0	3531	FR173A8	2.6	5610	4770	4010	3610	8090	6880	5780	5210	
										FR169B	2.8	5830	4960	4170	3750	8410	7150	6010	5420	
										DW161A8	3	6060	5160	4330	3900	8750	7440	6250	5630	
										DW157B	3.2	6300	5360	4500	4050	9100	7740	6500	5850	
										Cyclic	4.5	9020	7670	6440	5800	10920	9290	7800	7020	





# IRRIGATION



# GREEN EX

AO



IR200 (IR1)

## BIAS TIRES BUILT FOR IRRIGATION APPLICATIONS

Specially designed for irrigation requirements | Dual lug angle provides superior traction with minimum slippage | Optimum land/sea ratio for excellent self cleaning

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	30 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.			Max. Load		
			Rec.	Alt.	mm	mm			mm		
11.2-24	6	TL	W IO	W 9	284	1090	509	3205	1060	1.8	26
14.9-24	6	TL	W13	W11,12	378	1245	575	3660	1550	1.4	28
14.9-24	8	TL	W13	W12	378	1245	551	3676	1800	1.8	28
11.2-38	4	TL	W IO	W 9	284	1445	687	4248	1030	1.3	26
11.2-38	6	TL	W IO	W 9	284	1445	687	4248	1285	1.8	26

# IMPLEMENT



# GREEN EX

X

Standard

S

Stubble



I100 (I1)

## BIAS FRONT TIRES BUILT FOR IMPLEMENT APPLICATIONS

Optional Stubble resistant compound for high durability and low rolling resistance | Improved Multi-Rib Pattern provides better ground contact and weight distribution | Shock-Fortified Nylon-Cord Casing resists impacts against stubble puncture

Tire Size	Type	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load			Inflation Pressure	Tread Depth
						S.W.	O.D.			Speed Symbol	Load Index	Max. Load		
				mm	mm	mm	mm				mm	mm		
9.5L-14 SL	Standard	8	TL	8 KB	-	240	735	326	2154	B	112	1090	3.0	8
9.5L-14 SL	Stubble Resistant	8	TL	8 KB	-	240	735	326	2154	B	112	1090	3.0	8
11L-14 SL	Standard	8	TL	8 KB	-	279	752	336	2241	B	112	1120	2.5	9
11L-14 SL	Stubble Resistant	8	TL	8 KB	-	279	752	336	2241	B	112	1120	2.5	9
5.90-15 SL	Standard	4	TL	4 1/2 KB	5KB	155	665	292	1948	B	85	515	2.5	6
5.90-15 SL	Stubble Resistant	4	TL	4 1/2 KB	5KB	155	665	292	1948	B	85	515	2.5	6
6.70-15 SL	Standard	6	TL	4 1/2 KB	5KB	170	710	326	2190	B	120	1400	3.9	6
6.70-15 SL	Stubble Resistant	6	TL	4 1/2 KB	5KB	170	710	326	2190	B	120	1400	3.9	6
7.60-15 SL	Standard	8	TL	6LB	-	193	734	323	2152	D	106	950	2.8	7
7.60-15 SL	Stubble Resistant	8	TL	6LB	-	193	734	323	2152	D	106	950	2.8	7
9.5L-15 SL	Standard	8	TL	8LB	-	241	765	340	2242	D	112	1120	3.0	8
9.5L-15 SL	Stubble Resistant	8	TL	8LB	-	241	765	340	2242	D	112	1120	3.0	8
9.5L-15 SL	Standard	12	TL	7	8KB	241	765	340	2242	D	121	1450	4.4	8
9.5L-15 SL	Stubble Resistant	12	TL	7	8KB	241	765	340	2242	D	121	1450	4.4	8
11L-15 SL	Standard	8	TL	8LB	10LB	270	770	342	2256	D	113	1150	2.5	9
11L-15 SL	Stubble Resistant	8	TL	8LB	10LB	270	770	342	2256	D	113	1150	2.5	9

Tire Size	Type	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load			Inflation Pressure	Tread Depth
						S.W.	O.D.			Speed Symbol	Load Index	Max. Load		
				mm	mm	mm	mm							
11L-15 SL	Standard	12	TL	8 LB	10 LB	270	770	342	2256	D	121	1450	3.6	9
11L-15 SL	Stubble Resistant	12	TL	8 LB	10 LB	270	770	342	2256	D	121	1450	3.6	9
12.5L-15 SL	Standard	12	TL	10LB	-	310	820	362	2403	D	127	1750	3.6	10
12.5L-15 SL	Stubble Resistant	12	TL	10LB	-	310	820	362	2403	D	127	1750	3.6	10
7.60-15 SL	Standard DOT	8	TL	6LB	-	193	734	323	2152	D	106	950	2.8	7
7.60-15 SL	Stubble Resistant DOT	8	TL	6LB	-	193	734	323	2152	D	106	950	2.8	7
9.5L-15 SL	Standard DOT	8	TL	8LB	-	241	765	340	2242	D	112	1120	3.0	8
9.5L-15 SL	Stubble Resistant DOT	8	TL	8LB	-	241	765	340	2242	D	112	1120	3.0	8
9.5L-15 SL	Standard DOT	12	TL	7	8KB	241	765	340	2242	D	121	1450	4.4	8
9.5L-15 SL	Stubble Resistant DOT	12	TL	7	8KB	241	765	340	2242	D	121	1450	4.4	8
11L-15 SL	Standard DOT	8	TL	8LB	10LB	270	770	342	2256	D	113	1150	2.5	9
11L-15 SL	Stubble Resistant DOT	8	TL	8LB	10LB	270	770	342	2256	D	113	1150	2.5	9
11L-15 SL	Standard DOT	12	TL	8 LB	10 LB	270	770	342	2256	D	121	1450	3.6	9
11L-15 SL	Stubble Resistant DOT	12	TL	8 LB	10 LB	270	770	342	2256	D	121	1450	3.6	9
12.5L-15 SL	Standard DOT	12	TL	10LB	-	310	820	362	2403	D	127	1750	3.6	10
12.5L-15 SL	Stubble Resistant DOT	12	TL	10LB	-	310	820	362	2403	D	127	1750	3.6	10
12.5L-15 SL	GC3 SR	12	TL	10LB	-	310	820	362	2403	D	127	1750	3.6	10
31/13.50-15 NHS	Standard	10	TL	10 LB	-	351	782	362	2416	B	120	1400	2.8	10
31/13.50-15 NHS	Stubble Resistant	10	TL	10 LB	-	351	782	362	2416	B	120	1400	2.8	10
31/13.50-15 NHS	Stubble Resistant	14	TL	10 LB	-	351	782	362	2416	B	128	1800	6.2	10
9.00-16 SL	Standard	10	TL	6LB	-	214	838	380	2500	B	122	1500	3.6	8
9.00-16 SL	Stubble Resistant	10	TL	6LB	-	214	838	380	2500	B	122	1500	3.6	8
12.5L-16 SL	Standard	12	TL	10LB	W10L	310	845	374	2476	D	128	1800	3.6	10
12.5L-16 SL	Stubble Resistant	12	TL	10LB	W10L	310	845	374	2476	D	128	1800	3.6	10
12.5L-16 SL	Standard DOT	12	TL	10LB	W10L	310	845	374	2476	D	128	1800	3.6	10
12.5L-16 SL	Stubble Resistant DOT	12	TL	10LB	W10L	310	845	374	2476	D	128	1800	3.6	10
14L-16.1 SL	Standard	10	TL	W 11C	-	310	845	374	2476	B	130	1900	3.9	10
14L-16.1 SL	Stubble Resistant	10	TL	W 11C	-	356	940	414	2760	B	130	1750	2.0	10
14L-16.1 SL	Standard	12	TL	W 11C	-	356	940	414	2760	B	134	1750	2.0	10
14L-16.1 SL	Stubble Resistant	12	TL	W 11C	-	356	940	416	2760	B	134	2120	3.0	10
16.5L-16.1 SL	Standard	10	TL	W 14 C	-	356	940	416	2760	D	138	2120	3.0	10
16.5L-16.1 SL	Stubble Resistant	10	TL	W 14 C	-	419	1024	445	2966	D	138	2360	2.5	12
16.5L-16.1 SL	Standard DOT	10	TL	W 14 C	-	419	1024	445	2966	D	138	2360	2.5	12
16.5L-16.1 SL	Stubble Resistant DOT	10	TL	W 14 C	-	419	1024	445	2966	D	138	2360	2.5	12





# IMPLEMENT



# GREEN EX



## RIB3 (IMP)

### BIAS TIRES BUILT FOR IMPLEMENT APPLICATIONS

Designed for implements and trailers in soil tillage applications | Triple Circumferential Rib ensures high load capacity and excellent self cleaning | Shoulder block design promotes excellent field traction

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load at 20kmph			Maximum Load at 40kmph			Tread Depth
					S.W.	O.D.			Max. Load	Max. Speed	inflation pressure	Max. Load	Max. Speed	inflation pressure	
			Rec.	Alt.	mm	mm			mm	mm	kgs.	kmph.	bar	kgs.	
10.0/80-12	10	TL	9	7	264	710	313	2080	1600	20	3.9	1450	25	3.9	11
10.0/75-15.3	10	TL	9	-	274	760	356	2235	2120	20	3.9	1700	25	3.9	11
10.0/75-15.3	14	TL	9	-	274	760	343	2235	2240	20	5.5	1900	25	5.5	11
10.0/75-15.3	18	TL	9	-	274	760	343	2235	2430	20	7.1	2180	25	7.1	11
11.5/80-15.3	10	TL	9	-	297	845	343	2473	2180	20	3.4	1950	25	3.4	11
11.5/80-15.3	12	TL	9	-	297	845	370	2473	2430	20	4.1	2180	25	4.1	11
11.5/80-15.3	14	TL	9	-	297	845	343	2473	2725	20	4.7	2430	25	4.7	11
11.5/80-15.3	18	TL	9	-	297	845	343	2473	3075	20	6.1	2725	25	6.1	11
12.5/80-15.3	14	TL	9	-	312	889	387	2591	3075	20	5.8	2650	25	5.8	12
12.5/80-15.3	16	TL	9	-	312	889	387	2591	3350	20	6.5	3000	25	6.5	12
400/60-15.5	16	TL	AG13	-	404	874	380	2561	3550	20	5.5	3150	25	5.5	10
12.5/80-18	12	TL	W9	11	307	965	432	2819	3150	20	5.0	2650	25	5.0	12
12.5/80-18	16	TL	W9	11	307	965	432	2819	3750	20	6.5	3350	25	6.5	12
10.5/80-18	10	TL	W9	-	274	885	390	2620	2180	20	3.7	1950	25	3.7	12
10.5/80-18	14	TL	W9	-	274	885	390	2620	2650	20	5.1	2360	25	5.1	12

# IMPLEMENT



# GREEN EX



## RIB4 (IMP)

### BIAS TIRES BUILT FOR IMPLEMENT APPLICATIONS

Designed for implements and trailers in soil tillage applications | Optimum land/sea ratio for improved traction on and off road | Strong casing with cut/wear resistant compound for higher productivity | Low rolling resistance for optimized fuel efficiency

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load at 20kmph			Maximum Load at 40kmph			Tread Depth
					S.W.	O.D.			Max. Load	Max. Speed	inflation pressure	Max. Load	Max. Speed	inflation pressure	
			Rec.	Alt.	mm	mm			mm	mm	kgs.	kmph.	bar	kgs.	
500/50-17	10	TL	16	-	500	945	414	2759	2725	20	2.0	2500	25	2.0	13
500/50-17	14	TL	16	-	500	945	414	2759	3450	20	2.8	3250	25	2.8	13
500/50-17	18	TL	16	-	500	945	414	2759	4125	20	3.6	3750	25	3.6	13

# IMPLEMENT



# GREEN EX



## RIB5 (IMP)

### BIAS TIRES BUILT FOR IMPLEMENT APPLICATIONS

Designed for implements and trailers in soil tillage applications | Optimum land/sea ratio for improved traction on and off road | Strong casing with cut/wear resistant compound for higher productivity

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension $\pm 2\%$		SLR	RC $\pm 2.5\%$	Maximum Load at 20mph		Maximum Load at 25mph		inflation pressure	Tread Depth
									Load Index	Max. Load	Load Index	Max. Load		
			Rec.	Alt.	mm	mm			mm	mm	kgs.	kgs.		
15.0/55-17	10	TL	13	-	391	850	379	2491	134	2120	130	1900	2.6	13

# IMPLEMENT



# GREEN EX



## RIB7 (IMP)

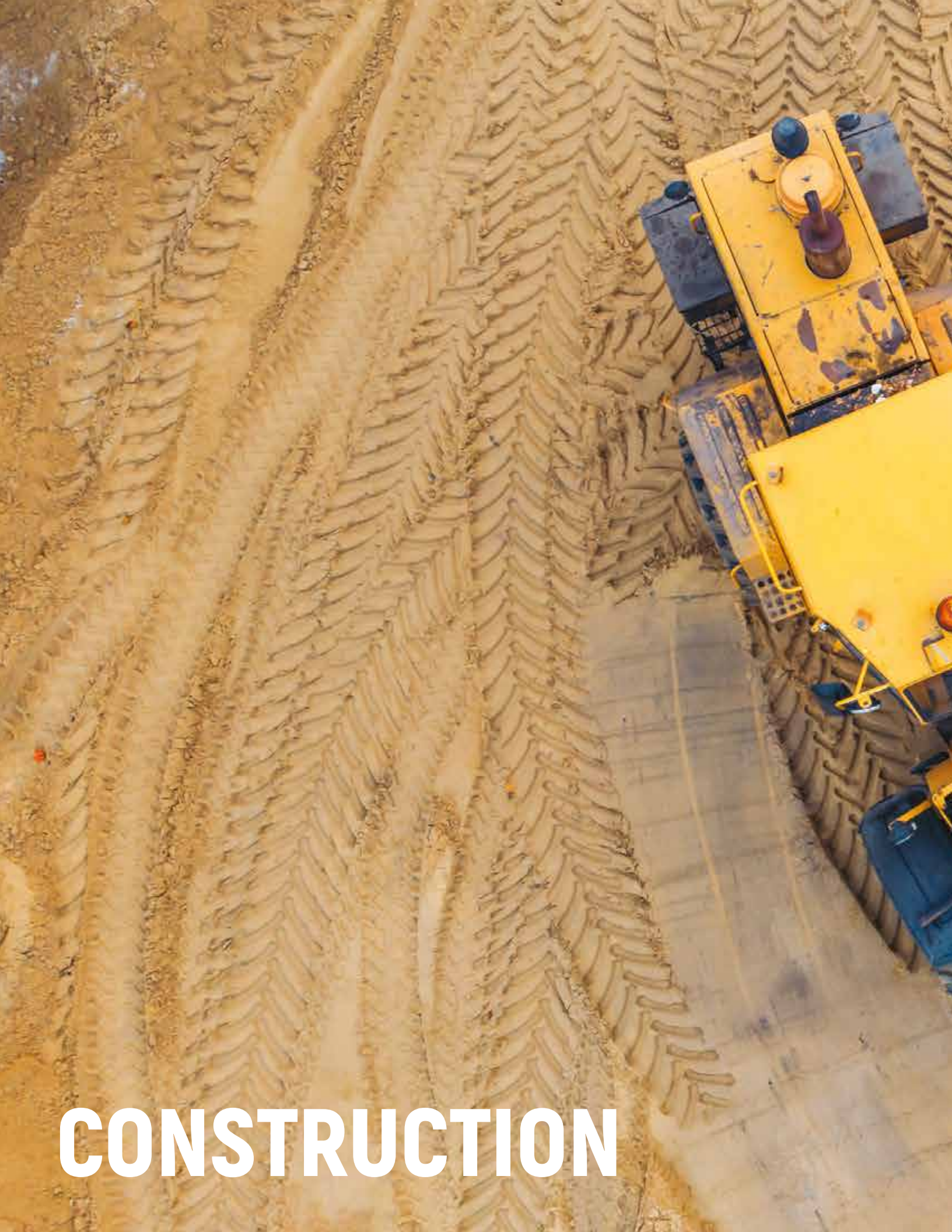
### BIAS TIRES BUILT FOR IMPLEMENT APPLICATIONS

Designed for implements and trailers in soil tillage applications | Widest and flat tread ensures the flotation capabilities and less soil compaction. | Optimum land/sea ratio for improved traction on and off road | Strong casing with cut/wear resistant compound for higher productivity

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension $\pm 2\%$		SLR	RC $\pm 2.5\%$	Maximum Load Free Rollong				Inflation Pressure	Tread Depth
									30 kmph(20 mph)		20 kmph(25mph)			
			Rec.	Alt.	mm	mm			mm	mm	Load Index	Max. Load		
19.0/45-17	14	TL	16.00		491	866	383	2578	151	3450	144	2800	2.8	13

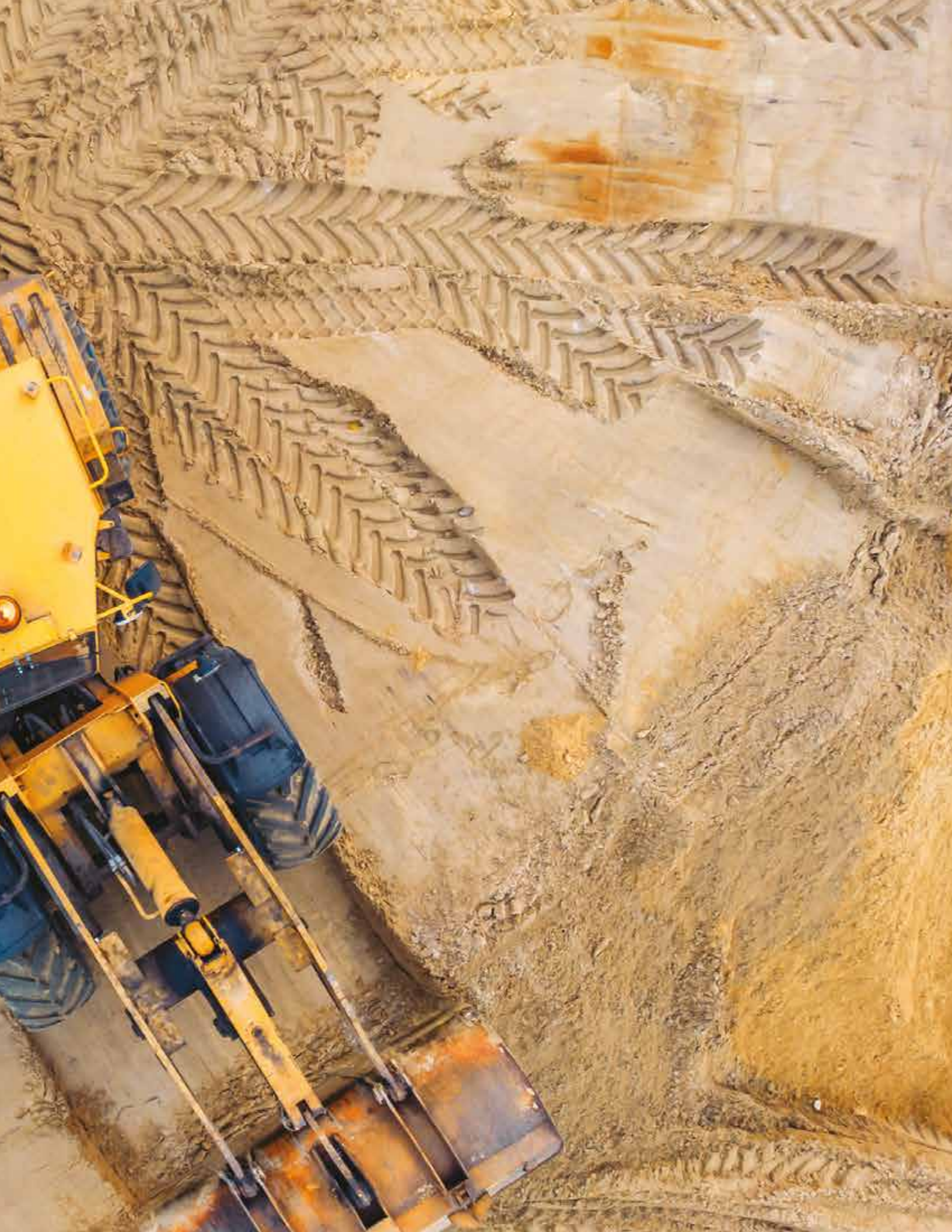






**CONSTRUCTION**







# AGRO INDUSTRIAL



# GRIP XLR



## TH200 (R4)

### RADIAL TIRES BUILT FOR AG/INDUSTRIAL

Designed for telehandler | machines Innovative steps shaped lug design and high density lug configuration provide high traction capability and optimized self-cleaning | Hook shaped lug head and sturdy tie bar makes virtual centerline rib and anti lateral force | Strong flex sidewall casing and radial construction provides best sidewall flexion and maximum footprint

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Speed	Maximum Load Capacity (kgs.)								Tread Depth										
			Rec.	Alt.	S.W.	O.D.				mm	mm	mm	mm	mm	mm	mm	mm	mm	mm									
																				mm	mm							
460/70R24 (17.5LR24)	159 A8/B	TL	DW 15 L	DW 14 L	465	1254	568	3766	bar	1.6	2	2.4	2.8	3.2	3.5	4	4.2	4.4	40									
									kmph																			
									50											2100	2495	2845	3240	3635	3895	4375		
									40											2100	2495	2845	3240	3635	3895	4375		
									30											2250	2675	3050	3470	3890	4170	4685		
									25											2335	2775	3160	3600	4035	4330	4860		
									10 Cyc											2565	3155	3710	4270	4860	5285	5975	6305	6565
Static	3930	4835	5690	6545	7450	8105	9160	9665	10065																			

# AGRO INDUSTRIAL



# GRIP XLR



## MP55 (R4)

### RADIAL TIRES BUILT FOR AG/INDUSTRIAL

Radial construction helps reduce heat generation | X tread compound provides high resistance against wear & cuts | Tread angle provides excellent traction | Wide tread width provides excellent stability on lift mode | Strong casing provides resistance to impacts and shocks in heavy-duty operations | Center tie bar design for lug stability

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Speed	Maximum Load Capacity (kgs.)								Tread Depth									
			Rec.	Alt.	S.W.	O.D.					mm	mm	mm	mm	mm	mm	mm	mm	mm									
																				mm	mm							
19.5LR24	157 A8	TL	DW 16A	495	1320	584	3835	600	bar	1.4	1.6	1.8	2	2.2	2.4	2.6	2.8	3	40									
									kmph																			
									50											2038	2275	2480	2730	2867	3049	3231	3413	3640
									40											2240	2500	2725	3000	3150	3350	3550	3750	4000
									30											2330	2600	2834	3120	3276	3484	3692	3900	4160
									25											2442	2725	2970	3270	3434	3652	3870	4088	4360
									Static											2912	3250	3543	3900	4095	4355	4615	4875	5200

# LOADER



## BIAS TIRES BUILT FOR LOADERS

Directional tread with wide lugs provides optimal traction, stability & power transfer | Shock resistant & heavy-duty casing ensures strong protection against impacts | Cut & abrasion resistant tread compound | Three step lug design for exceptional self cleaning & higher stability | Center crown block provides better traction & accelerative movement | Herringbone construction for higher traction

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load 30 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.					
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	mm
12.5/80-18	12	TL	W9	11	300	958	431	2813	2700	3.7	26
12.5/80-18	14	TL	W9	11	292	958	431	2813	3150	4.3	26

# LOADER



## BIAS TIRES BUILT FOR BACKHOE AND COMPACT LOADERS

Sturdy nylon casing provides extraordinary impact and shock resistance | Cut & chip resistant tread compound | Unique tread design enables higher traction | Unique inter lug design offers unmatched puncture resistance & durability

Tire Size	LI/SS	Type	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load 30 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.					
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	mm
14.9-24	12	TL	DW13	W12	378	1265	570	3800	2900	2.9	33

# LOADER



## BIAS TIRES BUILT FOR LOADERS

Ideal for use in construction, site preparation, road building, and other soft or muddy environments. | The self-cleaning tread pattern provides excellent traction

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load @50kmph (30 mph)			Inflation Pressure	Maximum Load @10kmph (5 mph)			Inflation Pressure	Tread Depth
					S.W.	O.D.			Speed Symbol	Load Index	kgs		Speed Symbol	Load Index	kgs		
			Rec.	Alt.	mm	mm	mm	mm	bar	bar	bar	bar	mm				
15.5-25	12	TL	12.00/1.3	13.00/1.4(DC)	385	1272	569	3823	B	149	3250	2.5	A2	168	5600	4.0	24
17.5-25	16	TL	14.00/1.5	14.00/1.3, 13.00/1.4(DC)	445	1348	597	3982	A8	150	3350	2.7	A2	177	7300	4.7	26
20.5-25	16	TL	17.00/2.0	17.00/1.7	520	1480	656	4396	B	156	4000	2.3	A2	181	8250	3.5	29



# LOADER



## BIAS TIRES BUILT FOR LOADERS

CW tread compound provides high resistance against wear and cuts | Multi-directional tread pattern provides excellent traction in all terrains | Wide diagonal lugs & vertical lug grooves ensure lateral movement, better grip, higher traction and excellent self-cleaning properties | Strong casing provides impact resistance in heavy-duty operations | Puncture resistance design | Wide curb rib for resistance against sidewall damages

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load 30 kmph	Inflation Pressure	Maximum Load 40 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.							
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	kgs.	bar	mm
9.00-16	16	TT	6.50H	-	255	925	427	2740	1850	7	2300	7.25	26

# AGRO INDUSTRIAL



## BIAS TIRES BUILT FOR AG/INDUSTRIAL APPLICATIONS

X Tread compound provides high resistance against wear and cuts | Wide lugs & tread width provide excellent stability and smooth ride on hard surfaces | Strong casing provides resistance to impacts and shocks in heavy-duty operations | Center tie bar design for better lug stability to eliminate lug base cracks

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load @30kmph (20 mph)			Maximum Load @40kmph (25 mph)			Inflation Pressure	Tread Depth
					S.W.	O.D.			Speed Symbol	Load Index	kgs	Speed Symbol	Load Index	kgs		
			Rec.	Alt.	mm	mm	mm	mm	mm	mm	mm	bar	mm			
10.0/75-15.3	10	TL	9	-	264	780	356	2286	A6	128	1800	A8	123	1550	3.9	23
11.5/80-15.3	12	TL	9	-	290	866	381	2540	A6	139	2450	A8	135	2180	4.1	24
11.5/80-15.3	14	TL	9	-	290	866	381	2540	A6	143	2725	A8	139	2430	4.8	24
15.0/55-17	10	TL	13	13	381	889	406	2616	A6	141	2575	A8	134	2120	2.6	24
10.5/80-18	10	TL	W9	W8	274	907	406	2667	A6	138	2360	A8	131	1950	5.0	23
12.5/80-18	12	TL	W9	11	307	988	432	2896	A6	146	3000	A8	142	2650	3.7	28

# AGRO INDUSTRIAL



## BIAS TIRES BUILT FOR AG/INDUSTRIAL APPLICATIONS

Cut & chip resistant tread compound | Sturdy nylon casing provides extraordinary impact and shock resistance | AG/industrial tire suitable for on & off-road applications

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load @30kmph (20 mph)			Maximum Load @40kmph (25mph)			Inflation Pressure	Tread Depth
					S.W.	O.D.			Speed Symbol	Load Index	kgs	Speed Symbol	Load Index	kgs		
			Rec.	Alt.	mm	mm	mm	mm	mm	mm	mm	bar	mm			
11L-16SL	10	TL	8LB	10LB	279	830	370	2500	A6	116	1250	A8	112	1120	52	13
11L-16SL	12	TL	8LB	10LB	279	830	370	2500	A6	120	1400	A8	116	1250	64	13

# GRADER



## BIAS TIRES BUILT FOR GRADERS

Cut & chip resistant tread compound | Aggressive tread pattern for high traction | Wide diagonal lugs & mud breakers stability and self cleaning | Strong casing for impact, shock and puncture resistance | Even in heavy duty operations

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load 40 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.					
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	mm
10.00-24	12	TL	8.00 TG		277	1130	526	3305	1973	3.1	20
13.00-24	12	TL	8.00 TG SDC	9.00/1.5(DC)	333	1278	582	3785	2725	3.0	26
13.00-24	16	TL	8.00 TG SDC	9.00/1.5(DC)	333	1278	582	3785	3150	4.0	26
14.00-24	16	TL	8.00 TG SDC	9.00/1.5(DC)	362	1348	598	3962	3650	3.5	26
16.00-24	16	TL	10.00 VA SDC	-	405	1435	635	4318	4500	3.2	30

# GRADER



## BIAS TIRES BUILT FOR GRADERS

Cut & chip resistant tread compound | Thematic directional tread pattern for high traction | Strong casing for impact, shock and puncture resistance

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load 40 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.					
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	mm
14.00-24	16	TL	8.00 TG SDC	9.00/1.5(DC)	365	1345	617	4002	3650	3.5	31

# TELEHANDLER



## BIAS TIRES BUILT FOR TELEHANDLERS

X tread compound provides high resistance against wear and cuts | Multi-angle tread pattern provides excellent traction | Wide lugs & tread width provide excellent stability and smooth ride on hard surfaces | Shoulder inter-lug pads for shoulder base puncture resistance and self-cleaning | Strong casing provides resistance to impacts and shocks in heavy-duty operations | Center tie bar design for better lug stability to eliminate lug base cracks | Shoulder buttress design for high stability

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load Free Rolling Wheel				Maximum Load Drive Wheel				Tread Depth
									20 mph		30 kmph		30 kmph		40 mph		
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	kgs.	bar	kgs.	bar	kgs.	bar	mm
15.5/80-24	16	TL	W12	W13, W14L	392	1270	569	3683	3450	4.0	3075	4.0	4875	4.0	4375	58	40
16.5/85-24	16	TL	W13	W13	417.0	1322	576	3837	6150	3.8	5600	3.8	4250	3.8	3875	55	40



# EXCAVATOR



## BIAS TIRES BUILT FOR EXCAVATORS

Suitable for excavators and compact loaders | Wide diagonal lugs and mud breakers offer excellent traction and outstanding self-cleaning | Strong casing for impact, shock and puncture resistance

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension $\pm 2\%$		SLR	RC $\pm 2.5\%$	Maximum Load 5 kmph	Inflation Pressure	Maximum Load 30 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.							
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	kgs.	psi	mm
10.00-20	16	TT	8	7.0,8.0	274	1049	508	3175	164	7.5	3000	7.5	24
16.0/70-24	14	TL	13SDC	13 (DC)	410	1190	575	3600	169	4.5	3550	4.5	31

# MULTI-PURPOSE



## BIAS TIRES BUILT FOR MULTI-PURPOSE

X tread compound provides high resistance against wear and cuts | Unique lug-block tread pattern provides excellent traction | Strong casing provides resistance to impacts and shocks in heavy-duty operations | Center tie bar design for better lug stability to eliminate lug base cracks | Grooves between center blocks and lugs gives better stability, strength and shear movement | Dual strip mud breaker at shoulder and base for superior self-cleaning | Shoulder buttress design with dual layer grooves for heat dissipation

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension $\pm 2\%$		SLR	RC $\pm 2.5\%$	Maximum Load					Inflation Pressure	Tread Depth	
					S.W.	O.D.			SS		LI		kgs			
			Rec.	Alt.	mm	mm	mm	mm	SS	LI	kgs	SI	LI	kgs	bar	mm
12.5-18	10	TL	11	12 SDC	325	990	450	2940	G	128	1800	A8	133	2070	43	22
12.5-18	10	TT	11	12 SDC	325	990	450	2940	G	128	1800	A8	133	2070	43	22
12.5-18	12	TL	11	12 SDC	325	990	450	2940	G	131	1950	A8	136	2245	51	22
12.5-18	12	TT	11	12 SDC	325	990	450	2940	G	131	1950	A8	136	2240	51	22
18-19.5	16	TL	14		460	1105	497	3277	B	160	4500	A8	162	4750	87	31
18-19.5	18	TL	14		460	1105	497	3277	B	165	5150	A8	167	5450	105	31
12.5-20	12	TL	11	12 SDC	325	1040	475	3090	G	132	2000	A8	137	2300	51	22
12.5-20	12	TT	11	12 SDC	325	1040	475	3090	G	132	2000	A8	137	2300	51	22
16.0/70-20	14	TL	13SDC	13	405	1128	490	3350	G	145	2900	A8	149	3340	51	26
18-22.5	16	TL	14	-	457	1181	525	3502	A8	163	4875	A2	172	6300	64	31
18-22.5	18	TL	14	-	457	1181	525	3502	A8	167	5445	A2	177	7300	100	31

# INDUSTRIAL TRACTOR



## BIAS TIRES BUILT FOR INDUSTRIAL TRACTORS

Hook tread design ensures high stability and traction | Nylon-cord casing provides superior impact and puncture resistance | Three step lug design for exceptional self-cleaning and higher stability | Cut & abrasion resistant tread compound | Center crown block provides better traction and accelerative movement

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension $\pm 2\%$		SLR	RC $\pm 2.5\%$	Maximum Load 40 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.					
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	mm
16.0/70-20	14	TL	13	13(SDC)	407	1076	480	3295	3250	3.5	34
16.9-24	12	TL	DW15L	DW14L	429	1310	584	3838	3250	2.6	31
16.9-24	14	TL	DW15L	DW14L	429	1310	584	3838	3550	3.0	31
17.5L-24	12	TL	DW15L	DW14L	445	1270	570	3683	3150	2.7	29
19.5L-24	12	TL	DW16L		490	1325	584	3835	3450	2.3	28
19.5L-24	14	TL	DW16L		490	1325	584	3835	3750	2.6	28
21L-24	12	TL	DW18L		533	1377	610	3988	3875	2.2	30
18.4-26	12	TL	DW16L	DW15L	467	1425	635	4191	4000	2.5	30
18.4-26	14	TL	DW16L	DW15L	467	1425	635	4191	4000	2.8	30
16.9-28	12	TL	DW15L	DW14L	439	1410	635	4180	3550	2.6	31
16.9-28	14	TL	DW15L	DW14L	439	1410	635	4180	4000	3.0	31
16.9-30	12	TL	DW15L	DW14L	439	1470	635	4460	3650	2.7	31

# WINTER



## BIAS TIRES BUILT FOR WINTER APPLICATIONS

Extra deep & wide tread width for excellent braking & traction on snow & gravel | Wide centerline tie bar controls movement of the tread blocks | Ideal gap in lugs & tread block for optimum water channeling out and grip on wet & compacted snow | Special tread compound for snow and wet conditions environment | Dual bead supported strong casing with flexible sidewall

Tire Size	PR	TT/TL	TRA	Rim		Unloaded Inflated Dimension $\pm 2\%$		SLR	RC $\pm 2.5\%$	Maximum Load @40kmph (25mph)			Inflation Pressure	Maximum Load @10kmph (5 mph)			Inflation Pressure	Tread Depth
						S.W.	O.D.			Speed Symbol	Load Index	kgs		bar	Speed Symbol	Load Index		
				Rec.	Alt.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			
17.5-25	12.0	TL	G2/-2	14.00/1.5	14.00/1.3, 13.00/1.4(DC)	445	1348	608	4044	A8	145	2900	2.0	A2	171	6150	3.5	26
20.5-25	16.0	TL	G2/-2	17.00/2.0	17.00/1.7	520	1492	652	4423	A8	156	4000	2.3	A2	181	8250	3.5	32



# COMPACTOR



## BIAS TIRES BUILT FOR COMPACTORS

X tread compound provides resistance against heat | Strong nylon-cord casing provides excellent stability

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension $\pm 2\%$		SLR	RC $\pm 2.5\%$	Maximum Load 40 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.					
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	mm
11.00-20	18	TT	8.0	7.5, 8.5	291	1070	494	3310	5450	8.2	25

# MINING



## BIAS TIRES BUILT FOR MINING TRUCKS

Cut & chip resistant tread compound | Tread design with centerline tie bar | Non-directional optimized traction rock tread

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension $\pm 2\%$		SLR	RC $\pm 2.5\%$	Maximum Load 30 kmph	Inflation Pressure	Maximum Load 50 kmph	Inflation Pressure	Tread Depth
					S.W.	O.D.							
			Rec.	Alt.	mm	mm	mm	mm	kgs.	bar	kgs.	bar	mm
10.00-20	18	TT	7.5	7.0	285	1075	505	3257	2800	7.6	3250	7.6	23
11.00-20	18	TT	8.0	7.5	297	1115	529	3368	3000	7.6	3450	7.6	25









# SKID STEER



**XPT**  
XPT (R4)

## BIAS TIRES BUILT FOR SKID STEERS

Value for money for skid steer application | Cut & Chip resistant compound contributes towards the assurance of chunking, chipping and tear resistance | Thick sidewall reduces stress cracking

Tire Size	PR	TT/TL	Rim	Unloaded Inflated Dimension $\pm$ 2%		SLR	RC $\pm$ 2.5%	Maximum Load 8 kmph			Maximum Load 16 kmph			Inflation Pressure	Tread Depth
				S.W.	O.D.			Speed Symbol	Load Index	Max. Load	Speed Symbol	Load Index	Max. Load		
			Rec. inch	mm	mm	mm	mm	kgs.	kgs.	bar	mm				
10-16.5	10	TL	8.25	780	278	356	2286	A2	134	2120	A3	126	1700	5.3	14
12-16.5	12	TL	9.75	825	314	381	2434	A2	145	2900	A3	137	2300	5.6	17

# SKID STEER



**XPT SS**  
XPT SS (R4)

## BIAS TIRES BUILT FOR SKID STEERS

Three step lug design provides higher lug stability, strength & traction | Unique tread pattern for better traction & rapid movements | Self-cleaning terrace keeps the tire clean & the machine energy efficient | Reinforced sidewall with high-ply construction for improved side impact protection | Abrasion, cut & chip resistant compound

Tire Size	PR	TT/TL	Rim	Unloaded Inflated Dimension $\pm$ 2%		SLR	RC $\pm$ 2.5%	Maximum Load 8 kmph			Maximum Load 16 kmph			Inflation Pressure	Tread Depth
				S.W.	O.D.			Speed Symbol	Load Index	Max. Load	Speed Symbol	Load Index	Max. Load		
			Rec. inch	mm	mm	mm	mm	kgs.	kgs.	bar	mm				
10-16.5	8	TL	8.25	278	860	356	2286	A2	129	1850	A3	121	1450	4.2	23
10-16.5	10	TL	8.25	278	860	356	2286	A2	134	2120	A3	126	1700	5.3	23
10-16.5	12	TL	8	263	780	356	2286	A2	138	2360	A3	130	1900	6.2	23
12-16.5	12	TL	9.75	314	860	381	2434	A2	145	2900	A3	137	2300	5.6	27
12-16.5	14	TL	10	314	825	381	2434	A2	147	3075	A3	139	2430	6.2	27
14-17.5	14	TL	10.5	370	930	420	2743	A2	155	3875	A3	147	3075	5.6	35

# SKID STEER



# XPT ND

## XPT ND (R4)

### BIAS TIRES BUILT FOR SKID STEERS

Non-directional tread design provides efficiency on hard surfaces | Abrasion, cut & chip resistant compound | Enhanced sidewall for improved side impact protection | Horizontal block design with optimum wet/dry ratio for high performance on rough surfaces with a higher load capacity

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load 8 kmph			Maximum Load 16 kmph			Inflation Pressure bar	Tread Depth mm
					S.W.	O.D.			Speed Symbol	Load Index	Max. Load kgs.	Speed Symbol	Load Index	Max. Load kgs.		
			Rec. inch	mm	mm	mm										
10-16.5	10	TL	8.25		278	780	356	2286	A2	134	2120	A3	126	1700	5.3	29
12-16.5	10	TL	9.75		314	825	381	2434	A2	140	2500	A3	132	2000	4.5	33
12-16.5	12	TL	9.75		314	825	381	2434	A2	140	2500	A3	132	2000	4.5	33

# SKID STEER



# XPT HD

## XPT HD (L5)

### BIAS TIRES BUILT FOR SKID STEERS

Tread design with high solid to void ratio provides large footprint | Cut & chip resistant rubber compound for tread & sidewall | Reinforced casing and reinforced sidewall | Extra deep tread with substantial tie bar

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load 10 kmph			Maximum Load 15 kmph			Inflation Pressure bar	Tread Depth mm
					S.W.	O.D.			Speed Symbol	Load Index	kgs.	Speed Symbol	Load Index	kgs.		
			Rec. inch	Alt. inch	mm	mm										
10-16.5	12	TL	8.25	-	259	805	351	2337	A2	138	2375	A3	130	1900	6.2	35
12-16.5	14	TL	9.75	-	307	838	366	2438	A2	147	3075	A3	139	2430	6.2	35

# SKID STEER



# XPT +

## XPT+ (R4)

### BIAS TIRES BUILT FOR SKID STEERS

Stepped lugs provide exceptional self-cleaning and higher stability for better fuel economy | Higher NSD for superior traction in all terrains ensured extensive tire life | Higher tread width and section width for better stability and roadability provide easy handling | Higher land sea ratio for better traction | Better cut and chip resistant ensure higher strength and run time

Tire Size	PR	TT/TL	Rim		Unloaded Inflated Dimension ± 2%		SLR	RC ± 2.5%	Maximum Load 8 kmph			Maximum Load 16 kmph			Inflation Pressure bar	Tread Depth mm
					S.W.	O.D.			Speed Symbol	Load Index	kgs.	Speed Symbol	Load Index	kgs.		
			Rec. inch	Alt. inch	mm	mm										
10-16.5	10	TL	8.25	-	259	790	351	2337	A2	134	2120	A3	125	1675	5.2	16
12-16.5	12	TL	9.75	-	307	826	366	2438	A2	145	2900	A3	136	2291	4.5	18
31x15.5-15	10	TL	13LB		400	790	368	2430	A2	122	1500	A3	131	1950	4.2	21





## PNEUMATIC FORKLIFT TIRE

Large footprint & unique tread assures optimal traction in diverse conditions and surfaces | Multi layer sidewall & wide rim guard offers high load carrying capacity, machine stability & protection against side impacts | Optimum wet/dry ratio with flatter design provides low rolling resistance | Superior self-cleaning properties

Tire Size	PR	TT/TL	Tube	Valve	Flap	Rim		Unloaded Inflated Dimension ± 2%		Speed Symbol	Maximum Load										Inflation Pressure	Tread Depth
											Fork Lift Trucks				Other Vehicles				Static Load			
											Up to 15 mph (A5) / 25 kmph				5 mph (A2) / 10		15 mph (A5)		0 kmph			
						Load Wheel		Steering Wheel			Load Wheel		Steering Wheel									
						Rec. mm	alt. mm	S.W. mm	O.D. mm		Load Index	kgs.	Load Index	kgs.	Load Index	kgs.	Load Index	kgs.	Load Index	kgs.		
5.00-8	8	TT	5.00-8	JS2	5.00-8	3.0D	3.25 I	135	467	A 5	115	1250	105	950	106	950	95	700	123	1530	8.3	13
5.00-8	10	TT	5.00-8	JS2	5.00-8	3.0D	3.25 I	135	467	A 5	120	1435	111	1090	111	1090	100	805	127	1755	10.0	13
18x7-8	14	TT	18X7-8	V3-02-05	18X7-8	4.33 R	5.00F	173	472	A 5	130	1905	121	1450	121	1450	110	1070	137	2335	9.0	15
18x7-8	16	TT	18X7-8	V3-02-05	18X7-8	4.33 R	5.00F	173	472	A 5	135	2170	125	1650	125	1650	115	1215	142	2657	10.0	15
6.00-9	10	TT	6.00-9	JS2	6.00-9	4.00E		168	536	A 5	127	1735	117	1320	117	1320	107	975	134	2125	8.5	15
6.00-9	12	TT	6.00-9	JS2	6.00-9	4.00E		168	536	A 5	130	1905	121	1450	121	1450	110	1070	137	2335	9.0	15
6.50-10	10	TT	6.50-10	JS2	6.50-10	5.00F	5.50F	183	592	A 5	131	1970	122	1500	122	1500	111	1105	138	2415	7.8	16
6.50-10	12	TT	6.50-10	JS2	6.50-10	5.00F	5.50F	183	592	A 5	134	2150	125	1635	125	1635	114	1205	141	2632	10.0	16
6.50-10	14	TT	6.50-10	JS2	6.50-10	5.00F	5.50F	183	592	A 5	138	2365	128	1800	128	1800	118	1325	145	2898	10.0	16
23X9-10	20	TT	23X9-10	TR177A	23X9-10	6.5F		236	579	A 5	151	3485	142	2650	142	2650	131	1955	158	4267	10.0	19
7.00-12	12	TT	7.00-12	TR75A	7.00-12	5.00S		196	681	A 5	142	2710	133	2060	133	2060	122	1520	149	3317	8.5	16
7.00-12	14HD	TT	7.00-12	TR75A	7.00-12	5.00S		196	681	A 5	143	2790	134	2120	134	2120	123	1560	150	3413	9.0	16
7.00-12	14	TT	7.00-12	TR75A	7.00-12	5.00S		196	681	A 5	143	2790	134	2120	134	2120	123	1560	150	3413	9.0	16
7.00-15	14	TT	7.00-15	TR75A	180-15	5.5	5.0	190	734	A 5	141	2575	150	3350	150	3350	139	2430	148	3150	9.0	13
8.15-15	14	TT	8.15-15	TR75A	8.15-15	7.0	7.0BD	218	706	A 5	154	3815	145	2900	145	2900	134	2135	161	4669	9.0	17
8.15-15	16	TT	8.15-15	TR75A	8.15-15	7.0	7.0BD	218	706	A 5	157	4140	148	3150	148	3150	137	2320	164	5072	8.3	17
8.25-15	14	TT	7.50/8.25-15	TR177A	7.00/8.25-15	6.5	7.0	246	841	A 5	158	4275	149	3250	149	3250	138	2395	165	5233	8.0	19
8.25-15	16	TT	7.50/8.25-15	TR177A	7.00/8.25-15	6.5	7.0	246	841	A 5	161	4670	152	3550	152	3550	141	2615	168	5716	9.3	19
250-15	16	TT	250-15	TR 77 A	250/300/10L-15	7.5		231	744	A 5	159	4405	150	3350	150	3350	139	2470	166	5394	8.3	19
250-15	20	TT	250-15	TR 77 A	250/300/10L-15	7.5		231	744	A 5	165	5260	156	4000	156	4000	145	2950	172	6440	10.5	19
300-15	18	TT	300-15	TR 77 A	250/300/10L-15	8.0		277	851	A 5	170	6080	161	4625	161	4625	150	3410	177	7446	7.5	24
300-15	20	TT	300-15	TR 77 A	250/300/10L-15	8.0		277	851	A 5	172	6410	163	4875	163	4875	152	3595	179	7849	9.5	24
10.00-20	18	TT	10.00-20	444	7.5/191	7.5	8.0	285	1080	A 5	175	6970	166	5300	166	5300	155	3905	182	8533	10.0	32



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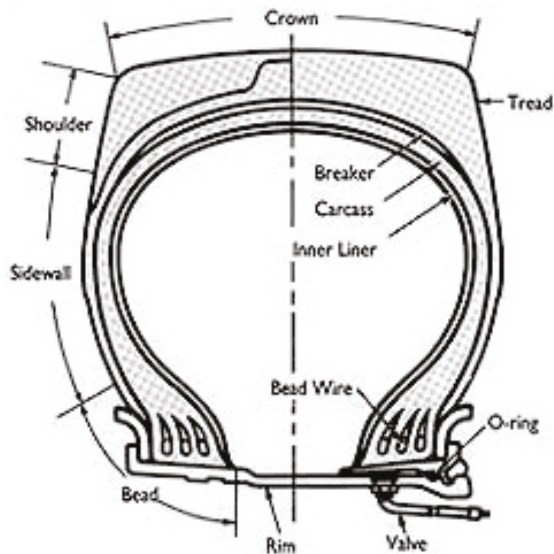


# **TIRES: CARE & SAFETY**





# TIRE CONSTRUCTION & COMPONENTS



**FIGURE 1**

## TREAD

Tread is the outermost covering of the tire and is the only part that normally comes in contact with the road surface.

## CARCASS / CASING

The carcass of tires consists of a number of rubber-coated layers of fabric/steel called "plies". The carcass forms a semi rigid frame for the compressed air in a tire but is flexible enough to absorb some shocks and jolts from the road surface.

## BEAD

Bead fixes the tire to the rim to support the load.

## BREAKER / BELTS / RE-ENFORCING PLYS

Are the rubber coated layers of fabric/steel cord between the tread and the carcass, binding the two together. The breaker prevents cuts in the tread from reaching the carcass and helps absorb shocks.

## SIDEWALL

The sidewall is composed of a flexible, crack-resistant rubber, and protects the carcass from damage.

## Inner Liner

The inner liner is made of an air-impermeable rubber compound and is comparable to tubes in tube type tires.

# TIRE DEFINITIONS

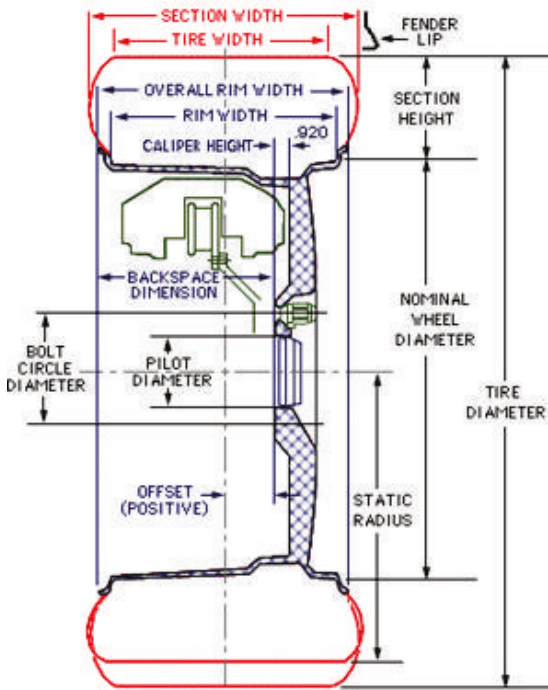


FIGURE 2

## OVERALL DIAMETER (OD)

Inflated diameter of the tire under reference tire pressure, but with no vehicle 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, letter, or design embossed on the sidewalls.

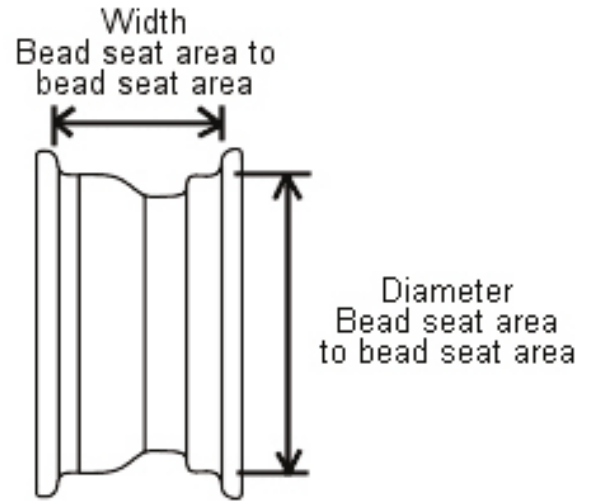
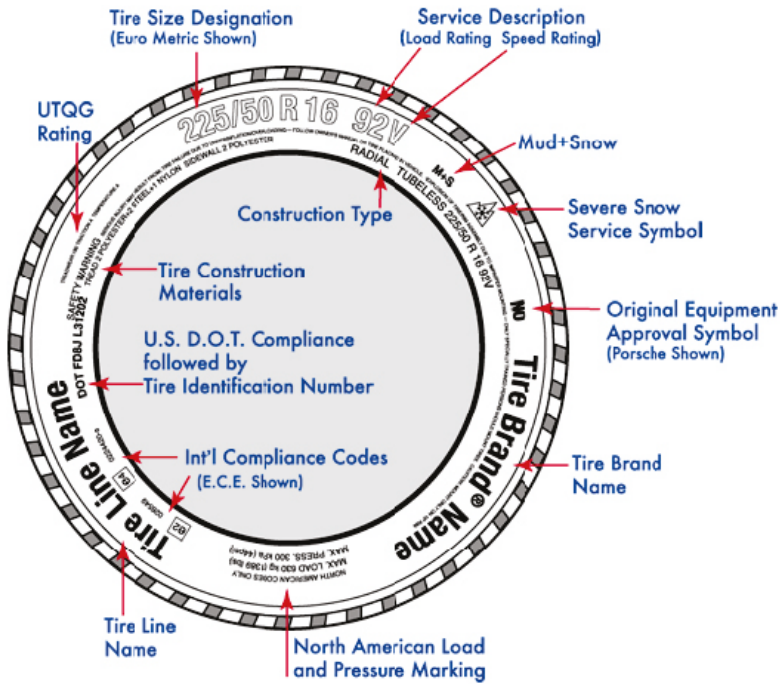
## SECTION HEIGHT (SH)

The distance from the bead to the tread face. Section Height = Overall Tire Diameter - Nominal Rim Diameter.

## STATIC LOADED RADIUS (SLR)

It is the minimum radius acquired by the tire under reference load and pressure at static condition. This is the distance from the vehicle hub centerline to the ground when the tire is inflated and when the tire supports the vehicle load.





## TREAD WIDTH

This is the distance measured from the inner tread shoulder to the outer tread shoulder.

## ASPECT RATIO (AR)

This refers to the tire's section height in relation to its section width, as a percentage. For example, a 60 series tire features a sidewall that's 60 percent as tall as the tire's section width. Aspect Ratio = (Nominal section height / Section width) x 100.

## NOMINAL RIM DIAMETER

Outer diameter of bead seat area of rim flange.

## AGRICULTURAL AND INDUSTRIAL TIRE SIZE

The size of each tire is indicated by nominal section width and bead diameter in inches. Bias or cross ply construction is indicated by "-" and Radial construction is indicated by the letter "R".

Example:

Bias construction: 12-4; 24.00-35; 10.00-20 etc.

Radial construction: 360/70R24; 10.00R20; 26.5R25 etc.

# TIRE TYPE SYMBOLS & DEFINITIONS

TIRE TYPE SYMBOL/DEFINITION		
SYMBOL	DESCRIPTION	APPLICATION
F1	Single rib tread	Single rib front tractor 2WD
F2	Three rib tread	Three rib front tractor 2WD
F2 M	Mul rib tread	Mul rib front tractor 2WD
F3	Four rib tread	Four rib front tractor 2WD
I1	Rib tread	Conventional implement, free rolling
I2	Moderate tread	Flotation implement
I3	Traction tread	Traction implement, drive position
R1	Drive position, regular tread	General farming, dry soil
R1W	Drive position, deeper tread	General farming, moist soil
R2	Drive position, rice/cane, deeper tread	General farming, wet or flooded fields
R3	Drive position, shallow tread	Turf, minimal disturbance
R4	Drive position, industrial tread	Industrial, hard surface
HF1	Shallow tread	High flotation implement, heavy loads
HF2	Regular lug tread	High flotation traction, heavy loads
HF3	Deep lug tread	High flotation, high traction, heavy loads
HF4	Extra deep tread	High flotation, high traction, heavy loads, wet conditions
E2	Traction regular tread	Earthmovers (scrapers, articulated dump trucks) soft surface conditions
E3	Rock regular tread	Earthmovers (scrapers, articulated dump trucks) more tread than void for rock resistance
E4	Rock deep tread	Earthmovers (scrapers, articulated dump trucks) more tread than void for rock resistance
E7	Flotation tread	Earthmover, sand rib, pavers and rollers, high flotation
L2	Traction regular tread	Loader, soft surface conditions
L3	Rock regular tread	Loader, hard surface conditions
L4	Rock deep tread	Loader, hard surface conditions, higher traction
L5	Rock extra deep tread	Loader, severe service, mining, higher traction
L6	Rock extra deep tread	Loader, severe service, mining, higher traction
L4S	Smooth deep tread	Loader, smooth tread for cut and impact protection
L5S	Smooth extra deep tread	Loader, smooth tread for cut and impact protection
L6S	Smooth extra deep tread	Loader, smooth tread for cut and impact protection
G2	Traction regular tread	Grader, common conditions
G3	Rock regular tread	Grader, severe conditions
C1	Smooth tread	Compactor

## SPEED SYMBOL

Speed Rating	MPH	Speed Rating	MPH	Speed Rating	MPH
A1	3	D	40	Q	100
A2	6	E	43	R	106
A3	9	F	50	S	112
A4	12	G	55	T	118
A5	16	J	62	U	124
A6	19	K	68	H	130
A7	22	L	75	V	149
A8	25	M	81	W	168
B	30	N	87	Y	186
C	35	P	94	(Y)	186+

The Speed Symbol indicates the maximum speed at which the tire can carry a load corresponding to its load index, under specified conditions. The common designations for farm tires are A8: 25 mph, B : 30 mph, and D: 40 mph



# RCI INDEX & RCI CHART

RCI is a group value system used to find tires of similar rolling circumference with different widths for varied applications. Rolling circumference is measured by the distance a tire travels while completing one full revolution. With the proliferation of mechanical front wheel drive tractors (MFWD) in use it is important to understand the effect of rolling circumference on proper tractor set up. Since both axles are drive axles and typically the front tires require more revolutions to travel the same distance, the tractor has a gear ratio set to drive each axle at comparable speeds. Matching front to rear tires rolling circumferences to the gear ratio is the only way to stay away from lead/lag situations. Lead/lag problems occur when tires do not correspond with the gear ratio which creates hopping as the tires push or pull against each other and the gears.

Most tractor manufacturers provide gear ratio information along with the other specifications of the tractor set up. Typical gear ratios for MFWD tractors range from 1.2 to 1.5 and allow for a front tire lead of approximately 5%. Check with the dealer or owners manual for specific gear ratios and the increased speed the front tires should turn at. The RCI chart aids in selecting a front to rear tire combination that provides the proper match to the gear ration. On MFWD tractors, if the front tires are too small or the rear tires too large, the rear tires will turn too fast for the fronts and push them. That is called "lag". If the front tires are too big or the rears are too small, the front tires will pull the rears. That is called "lead".

The RCI column in the chart shows the RCI Group number. Tires with the same group number will have very similar outside diameters and rolling circumferences as shown in the second and third columns. Larger tires have higher group numbers than smaller tires.

Across the top of the chart, tires are grouped by the width of row the tire needs to fit in. Below those, columns are labeled by the tire widths by millimeters with the corresponding width by inches just below. RCI groups from the left can be aligned with widths from the top in order to see the recommended tires to fit both gear ratio and row width.

In order to properly transition a tractor set up of a MFWD in order to run the tractor in narrow rows or to expand the width in order to raise the load carrying capacity, you must have the below information to find the recommended tire sizes.

- » Current tire sizes and RC
- » Tractor gear ratio
- » Recommended front lead percentage
- » Row width

With those four pieces of information you should be able to find the correct sizes for front and rear tires recommended for the change over. You can use this formula to calculate the lead lag of the set up of a MFWD tractor.

$$\text{Lead Ratio} = \frac{(\text{Front Tire RC} \times \text{Gear Ratio}) - (\text{Rear Tire RC})}{\text{Rear Tire RC} \times 100}$$

# RCI CHART

Row Width Inches Section Width MM			20				30		38		Flotation/Wide	
			290 & smaller	320	340	380	420	480	520	580	600	700
RCI	RC inch apprx	O.D. inch apprx	11.2	12.4	13.6	14.9	16.9	18.4	20.8		24.5	28.0
48	243	81						480/80R50	520/85R46 (20.8R46)		650/85R38	710/70R42
47	230	77						480/80R46	520/85R42 (20.8R42)		650/65R42 620/70R42	710/70R38
46	219	73			340/85R48 (13.6R48)	380/90R46 (14.9R46)		480/80R42	520/85R38 (20.8R38)	580/70R38	650/65R38	
45	207	69	270/95R46 (12.4R46)	300/95R46 (12.4R46)				480/80R38 460/85R38 (18.4R38)	520/70R38		600/65R38	
44	197	66	230/95R48 (9.5R48)				420/85R38 (16.9R38)	480/70R38	520/70R34 540/65R38		600/65R34	
43	187	63				380/80R38	420/85R34 (16.9R34)	480/70R34 460/85R34 (18.4R34)	540/65R34		600/70R30	
42	177	59			340/85R38 (13.6R38)	380/85R34 (14.9R34)	420/85R30 (16.9R30)	480/80R30 460/85R30 (18.4R30)	540/65R30		600/65R28	
41	168	56				380/85R30 (14.9R30)	420/70R30 420/85R28 (16.9R28)	480/70R28 480/70R30	540/65R28			
40	159	53	270/95R32 (11.2R32)			380/85R28 (14.9R28)	420/70R28	480/65R28				
39	153	51	280/85R28 (11.2R28)		340/85R28 (13.6R28)	380/70R28	440/65R28 420/85R24 (16.9R24)	480/70R24	540/65R24			
38	145	48		320/85R24 (12.4R24)		380/70R24 380/85R24 (14.9R24)	420/70R24	480/65R24				
37	136	46		320/85R24 (12.4R24)	360/70R24 340/85R24 (13.6R24) 360/70R28		440/65R24					
36	127	43	280/85R24 (11.2R24)									

Most tractors are set up as five step tractors on this chart. This means that having rear tires with an RCI of 47 will lead you to front tires that have an RCI of 42, five steps below the rears. If the change in sizing is to change for narrow rows, find the corresponding rear tire under the narrow row column in the same RCI group as the current rear tires. (Example: 520/85R46 is in the 48 RCI group and 38" row width group. The 480/80R50 is also in the 48 RCI group but can run in the 30" row width. Five steps down from the 480/80R50 shows that the 480/70R38 would be a corresponding front tire size).

# LOAD INDEX

Load Index	lbs.	Load Index	lbs.	Load Index	lbs.	Load Index	lbs.
70	740	111	2400	152	7850	193	25400
71	760	112	2470	153	8050	194	26000
72	785	113	2540	154	8250	195	26800
73	805	114	2600	155	8550	196	27600
74	825	115	2680	156	8800	197	28300
75	855	116	2760	157	9100	198	29100
76	880	117	2830	158	9350	199	30000
77	910	118	2910	159	9650	200	30900
78	935	119	3000	160	9900	201	32000
79	965	120	3080	161	10200	202	33100
80	990	121	3200	162	10500	203	34200
81	1020	122	3300	163	10700	204	35300
82	1050	123	3420	164	11000	205	36400
83	1070	124	3520	165	11400	206	37500
84	1100	125	3640	166	11700	207	38600
85	1140	126	3740	167	12000	208	39700
86	1170	127	3860	168	12300	209	40800
87	1200	128	3960	169	12800	210	41900
88	1230	129	4080	170	13200	211	43000
89	1280	130	4180	171	13600	212	44100
90	1320	131	4300	172	13900	213	45400
91	1360	132	4400	173	14300	214	46700
92	1390	133	4540	174	14800	215	48100
93	1430	134	4680	175	15200	216	49400
94	1480	135	4800	176	15700	217	50700
95	1520	136	4940	177	16100	218	52000
96	1570	137	5080	178	16500	219	53600
97	1610	138	5200	179	17100	220	55100
98	1650	139	5360	180	17600	221	56800
99	1710	140	5520	181	18200	222	58400
100	1760	141	5680	182	18700	223	60000
101	1820	142	5840	183	19300	224	61500
102	1870	143	6000	184	19800	225	64000
103	1930	144	6150	185	20400	226	66000
104	1980	145	6400	186	20900	227	68000
105	2040	146	6600	187	21500	228	69500
106	2090	147	6800	188	22000	229	71500
107	2150	148	6950	189	22700	230	74000
108	2200	149	7150	190	23400	231	76000
109	2270	150	7400	191	24000	232	78500
110	2340	151	7600	192	24700	233	80500



# CONVERSION TABLE

EQUIVALENT SIZE CHART			
Conventional Size	Comparable Metric Size	Conventional Size	Comparable Metric Size
11.2-20	280/85R20	18.4-30	480/80R30 460/85R30
12.4-20	320/85R20	14.9-34	380/85R34
9.5-24	250/85R24	16.9-34	420/85R34
11.2-24	280/85R24	18.4-34	460/85R34
12.4-24	320/85R24	12.4-36	320/85R36
13.6-24	340/85R24	13.6-36	340/85R36
14.9-24	380/85R24	13.6-38	340/85R38
16.9-24	420/85R24	14.9-38	380/85R38
16.9R26	420/85R26	16.9-38	420/85R38
18.4-26	480/80R26	18.4-38	460/85R38
11.2-28	280/85R28	20.8-38	520/85R38
12.4-28	320/85R28	18.4-42	480/80R42
13.6-28	340/85R28	20.8-42	520/85R42
14.9-28	380/85R28	14.9-46	380/90R46
16.9-28	420/85R28	16.9-46	420/80R46
14.9-30	380/85R30	18.4-46	480/80R46
16.9-30	420/85R30 420/90R30	20.8-46	520/85R46
		18.4-50	480/80R50

# TIRE MOUNTING & REMOVAL

## GENERAL INSTRUCTIONS

Tire fitting and removal can be dangerous. Only specially trained operators using proper tools and procedures should perform mounting & dismounting of tires. If not done by a qualified personnel or correct procedures, these operations may cause visible or invisible damage to the tire and rim, which may result in breakdown during subsequent use and also create a serious risk for operator's safety.

In exceptional cases where these operations cannot be carried out by an expert, tire mounting and removal must be performed by carefully following the instructions specially provided.

- » The tire to be fitted must be the correct type and size for the vehicle concerned and the intended application.
- » Particular attention must be paid to the compatibility of the rim and tire centering.
- » For high powered tractors, check that the rims for the drive wheels feature a knurling in the bead seat, which can reduce tires slippage on the rim during moments of high traction, thus eliminating the risk of shearing of the valve stem if a tube is required.
- » Painting on the bead seats of rims for drive wheels with epoxy resin paints should be avoided. In the case of rims with a special finish, carefully rasp and renew the protection with a normal anti-rust treatment.
- » New tires should also have all other parts (inner tube, flap, valve sealing ring) replaced.
- » For dual fitments, use only tires of the same size & dimensions, structure and groove depth, and comply with the dual spacing specified for the size used.
- » For mechanical front wheel drive fitments, refer to the RCl chart and gear ratio stated by the tractor manufacturer.
- » Used tires should be checked from both external and internal side for water, moisture, foreign bodies, or any sign of rust. If damage is found and assessed to be irreplaceable, the tire should be scrapped.
- » The rim must be clean and in good condition, especially if it has already been used.

## TIRE CLEANING & MAINTENANCE

- » Rims and rim components with rust, deformed, damaged or re-welded should be discarded.
- » Special care should be taken to not damage any parts of the tire or tube during fitting and removal.
- » Always use the proper specialized equipment and tools and the approved type of lubricant (never use silicone or petroleum-base lubricants).
- » Tire bead area and the contact area between the rim and the tire should be cleaned.
- » Tire, tube, and flap compatibility should be as per standards.
- » For correct fitting of tube type tires, it is advisable to lightly powder and partially inflate the tube before placing it inside the tires in order to avoid creasing.
- » It should be ensured that the tire is centered on the rim.

## LUBRICANT PROCEDURE

- » The rim bead seat, rim flange, and tire bead should be lubricated with a high-quality, quick drying, fitting lubricant made for agricultural tires or in case of emergency, soap and water.
- » The fitting lubricant with these characteristics reduces also the risk of tire slippage on the rim. Use of improper lubricant or no lubricant can cause, bead damage, a fracture could occur during fitting and/or rim slippage during normal operation, which may cause premature tire failure.
- » For application of lubricants, a soft-bristled brush is to be used.
- » Silicone & other solvent-based substances should be avoided.

## TIRE MOUNTING PROCEDURE

Note: Mount and remove tires on DW type rims on the flange nearer the lower well [irrespective of valve position].

For Tubeless:

- » Fasten the valve core housing in the valve hole.
- » Fit the tire on the rim, placing the inner bead over the flange at the top. Be sure the bead is not "hung up" on the bead seat flange. It should move into the rim well.

For Tube Type:

- » Pull the tire towards the outside of the rim as far as possible in order to make room for the tube.
- » Before inserting the tube in the tire, ensure that the valve is positioned at the bottom of the wheel. Align the stem with the valve hole and place the tube in the tire, starting at the bottom. Place the valve in the valve hole and screw the rim nut in place. Be sure that the tube is well inside the rim.

For Both Tube Type & Tubeless:

- » Starting at the top, use the fitting tools to lift the outer bead up and over the rim flange, then down into the rim well. After positioning the first section of the outer bead in the rim well, place one hand against the section to hold it in place and then use the other hand to pry the remainder of the bead over the flange with the fitting tools.
- » Center the tire on the rim. This is extremely important in order to prevent broken beads and assist in the correct positioning of the bead on the rim bead seat during inflation.

## PROCEDURE DURING TIRE INFLATION

- » Keep a safe distance, always use a safety cage, if possible anchored to the wall and/or the floor, or with retaining chains if no cage is available, the fitter must ensure that no part of his body is in the possible trajectory of the valve mechanism or the caps during inflation. (See the red dotted area shown in figures 1, 2, 3, which shows the risk region for personnel during these operations).



FIGURE 01



FIGURE 02



FIGURE 03



- » Do not leave equipment on the sidewall of the tire laid flat.
- » Correct and tested air pressure gauges designed for accurate low pressure measurements should be used. Quality digital gauges are advised.

## STEPS FOR TIRE INFLATION

### STEP 1

#### MAX INFLATION PRESSURE

- » 22 psi for tires with a tire diameter of 15" or less.
- » 15 psi for all other tires.
- » For wheels with BLS (tire lock) separate instructions must be followed. Ensure that the beads are correctly positioned on the bead seat. If not, deflate the tire and center it on the rim.

### STEP 2

- » Do not exceed the recommended maximum fitting pressure during inflation. In case of doubt or any difficulty, contact a specialist.
- » Inflation up to max bead seating pressure with a safety device (blast cage or distance filling) to be done.

### STEP 3

- » After inflating up to max. bead seating pressure, the pressure must be adjusted to appropriate shipment or service pressure before removal from the safety device. Adjustment to service pressure with a safety device (safety cage or distance filling).

In cases in which service pressure is higher than:

- » 58 psi for a tire with 73 psi bead seating pressure.
- » 44 psi for a tire with 51 psi bead seating pressure.
- » 29 psi for a with tire with 36 psi bead seating pressure.

The tire must firstly be inflated to a pressure 20 % higher than the service air pressure and the adjusted to service pressure.

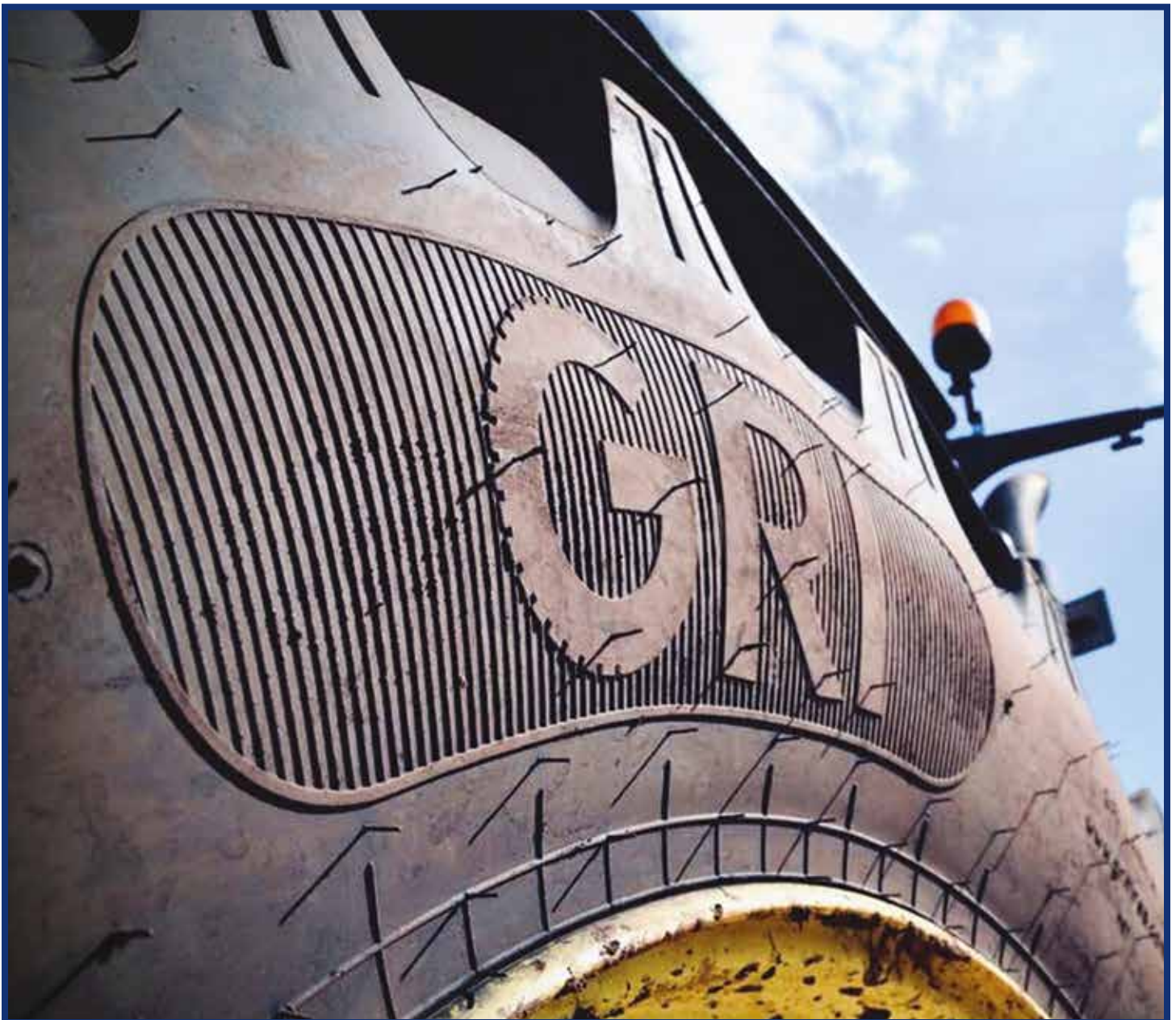
- » 73 psi for tires mounted on 15-degree rims
- » 51 psi for Radial tractor tires
- » 36 psi for all other Agricultural tires fitted on 5-degree rims

## FINAL CHECKING AFTER MOUNTING

- » Tire beads to be checked whether properly positioned on the rim seats or not.
- » It is important to inflate the tire to the max. bead seating pressure. This is to ensure the proper fit of the tire against the rim.
- » If the beads are not correctly seated, it is necessary to deflate, lubricate, and inflate again. Repeat these operations until the beads are correctly seated.

## REMOVAL PROCEDURE

- » Tire should be deflated by removing the valve core. After deflating, remove the rim nut and push the valve through the valve hole (for tube type tires).
- » After the complete deflation of tire, hydraulic "bead unseating" can be accomplished by placing a hydraulic or other purposely designed tool between the tire bead and rim flange and bead to be removed off from the bead seat.
- » Lubricate the tire bead and the rim flange area with specific lubricants.
- » Bead to be pushed off at the bottom of the wheel into the well with sufficient force. Insert tire lever under the bead at the top of the wheel and carefully slide the bead over the rim flange.
- » Bead section to be held now over the flange with a tire lever and use another tire lever to slide the next section over the flange.
- » Carefully pry the rest of the inside bead over the rim flange, ensuring that the bead area at the top of the tire is down in the well of the rim & remove the tire completely from the rim.



# TIRE TRANSPORTATION

Improper methods of transporting a tire can cause serious damage. Proper care should be taken to ensure that the bead & inner part of the tire is not getting damaged. Small bead damages can cause a serious issue of air leakage resulting under inflation and possible separation of the tire components.

It is highly advised to observe the below recommendations during tire transportation or handling, in order to reduce the risk of damages or problems:

- » Tire should not be lifted with a crane hook by leverage on the bead.
- » Steel slings, chains, or ropes should not be used for lifting & carrying the tires.
- » Large fibered straps, rubber slings, or specified belts can be used.
- » Forklift is recommended for transport of tires, where tire is to be lifted under tread and not on the bead.

# TIRE STORAGE

Special care should be taken during the storage of tires in order to prevent the tires from possible damages by deformation, abrasion, & chemical reactions.

- » Storage area should be dry & cool.
- » Tires should not be exposed for prolonged duration to direct sunlight.
- » Tires should be kept away from heat and ozone sources (electric motors, transformers, arc welding stations etc.), fuel, volatile solvents, or other substances that may deteriorate the rubber and cause changes in chemical properties.
- » Avoid horizontal storage for tires (whether radial or cross-ply). It should always be stored vertically side by side.
- » Small tires, if stored flat, need to be positioned with lug against lug.
- » Tires should not be stored directly on ground for longer durations.
- » Inflation pressure should be reduced when tires are stored after being mounted on rims.
- » It is advisable to protect tires from ultra-violet rays and weather effects with a waterproof tarpaulin.
- » During storage, steps should be taken to prevent water or moisture from being inside the tire.
- » Inner tubes, O-rings, and Flaps should never be hung up or suspended, but should always be stored on shelves.



# TIRE LIFE & FAILURE

Regular inspection and maintenance of the tires increases service life. During the daily visual inspection of the tires, it is important to note any damage, such as splinters and large gashes or pin hole damage that causes moisture to penetrate the tire shell. Any such damage should be repaired without causing a separation (external rubber releasing from the tire shell). Check the tension of the anti-slide devices, and make sure that they do not have any loose links or sharp parts that can damage the tires. Remove any branches or wood splinters that have gotten trapped between the tire and rim.

- » During tire service, you have to consider the correlation between speed, inflation pressure, and load capacity.
- » Overloading results in premature tire failure. Use the technical documentation and inflation tables which show the load and pressure figures for different operating speeds, loads, and air pressures.
- » Under inflation results not only in incorrect tread wear, but also in ply separation and eventually leads to failure of tire.
- » Over inflation makes the tire stiff, increases soil compaction, and decreases its resistance against hits, leading to ply tear.













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GRI tires are rigorously tested to assure performance to give you peace of mind, and time to focus on the other things that matter most.

**Whatever your goal, GRI will get you there.**

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Founded in 2002 by Prabhash Subasinghe, Managing Director, GRI produces material handling solid tires, radial agriculture tires, and construction tires. GRI has operations in nine countries, and a business presence in more than 50 countries worldwide. Since 2018 GRI has been advancing in the rapid expansion of its specialty tire production plants and tire compound mixing facilities in Sri Lanka as well as its operations in key countries. GRI ensures its commitment to sustainability and environmental protection throughout its operations both locally and globally.



The GREEN X CIRCLE is a global farmer ecosystem connecting natural rubber farmers with crop farmers worldwide focusing on sustainable farming practices to increase productivity that will benefit farming communities and inspire greatness for generations to come. We source pure natural rubber from Sri Lankan rubber farmers to build GRI's high-grade agriculture tires, that are eventually fitted on machinery of farmers across the world. GRI is committed to sustainably increasing Sri Lanka's natural rubber harvest while also enhancing opportunities for the rubber farmers in the island. Sri Lanka's unique geographical location, ideal climate and rich soil, and deep agricultural heritage is ideally suited to produce high-quality natural rubber. GREEN X CIRCLE creates awareness among farming communities on sustainable and productive use of resources, knowing the climate challenges that future generations will face.



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