SPECIALITY TIRES
TECHNICAL BOOK

GRI
WE'LL GET YOU THERE

October 2020

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.**

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

SPECIALITY TIRES

INDEX

GREEN XLR

GRI
WE'LL GET YOU THERE

65 SERIES (R1-W)

RADIAL TIRES FOR HEAVY DUTY TRACTORS

- High tire volume with low inflation pressure provides high traction and greater soil protection
- Best for soil tillage and on the road applications
- Excellent driving comfort in the field and on the road
- Strong casing, impact belts and special compound for extensive longer life

	Tire Size	LI/PI	Type	Rim		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Speed	Load Capacity (KG/TYRE)							
						S.W.	O.D.												
				Rec.	Alt.	mm	mm	mm	mm	mm									
24.0																			
											bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4
											65	1050	1225	1375	1530	1680	1810	2010	2180
											50	1100	1285	1445	1605	1765	1905	2110	2290
	440/65R24	135 D / 138 A8	TL	W 14 L	W13,W15	441	1182	538	3546	575	40	1135	1325	1490	1655	1820	1960	2175	2360
											30	1205	1410	1585	1760	1935	2085	2310	2510
											10 LT	1405	1640	1845	2050	2255	2430	2695	2925
											10 HT	1205	1410	1585	1760	1935	2085	2310	2510
											bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4
											65	1200	1400	1575	1750	1925	2075	2300	2500
											50	1260	1470	1655	1840	2025	2180	2415	2625
	480/65R24	140 D / 143 A8	TL	W 15 L	W14L	479	1234	562	3730	600	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
											bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4
											65	1440	1680	1890	2100	2310	2490	2760	3000
											50	1515	1765	1985	2205	2430	2615	2900	3150
	540/65R24	146 D / 149 A8	TL	W 16 L	W18L	530	1312	590	3930	625	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
28.0																			
											bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4
											65	1135	1325	1490	1655	1820	1960	2175	2360
											50	1195	1390	1565	1740	1910	2060	2285	2480
	440/65R28	138 D / 141 A8	TL	W 14 L	W13	441	1283	590	3878	625	40	1240	1445	1625	1805	1985	2140	2370	2575
											30	1305	1525	1715	1905	2095	2255	2500	2715
											10 LT	1520	1775	1995	2220	2440	2630	2915	3165
											10 HT	1305	1525	1715	1905	2095	2255	2500	2715
											bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4
											65	1275	1485	1670	1855	2045	2200	2440	2650
											50	1340	1560	1755	1950	2145	2315	2565	2785
	480/65R28	142 D / 145 A8	TL	W 15 L	W14L	479	1335	610	4058	650	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
28.0																			
											bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4
											65	1560	1820	2050	2275	2505	2700	2990	3250
											50	1640	1910	2150	2390	2630	2830	3140	3415
	540/65R28	149 D / 152 A8	TL	W 16 L	W 18 L	530	1413	643	4253	675	40	1705	1990	2235	2485	2735	2945	3265	3550
											30	1795	2095	2355	2615	2880	3100	3440	3740
											5LT	2090	2440	2745	3050	3355	3615	4005	4355
												1795	2095	2355	2615	2880	3100	3440	3740
											bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4
											65	1800	2100	2365	2625	2890	3115	3450	3750
											50	1890	2205	2480	2755	3030	3270	3625	3940
	600/65R28	154 D / 157 A8	TL	DW 20 B	W 18 L	611	1491	670	4470	700	40	1980	2310	2600	2890	3175	3425	3795	4125
											30	2070	2415	2715	3020	3320	3580	3970	4315
											5LT	2410	2815	3165	3520	3870	4170	4625	5025
												2070	2415	2715	3020	3320	3580	3970	4315

	Tire Size	LI/PI	Type	Rim		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Speed	Load Capacity (KG/TYRE)							
						S.W.	O.D.												
				Rec.	Alt.	mm	mm	mm	mm	mm									
30.0																			
											bar / kmph	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**
											65	1610	1875	2110	2345	2580	2780	3080	3350
											50	1690	1970	2215	2460	2710	2920	3235	3520
	540/65R30	150 D / 153 A8	TL	W 16 L	W 18 L	530	1460	670	4403	700	**40**	1750	2045	2300	2555	2810	3030	3360	3650
											30	1850	2155	2425	2695	2965	3200	3545	3855
											5LT	2155	2515	2830	3140	3455	3725	4130	4490
												1850	2155	2425	2695	2965	3200	3545	3855
34.0																			
											bar / kmph	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**
											65	1705	1990	2240	2485	2735	2950	3270	3550
											50	1795	2090	2350	2615	2875	3100	3435	3730
	540/65R34	152 D/ 155A8	TL	W 16 L	W 18 L	550	1566	712	4742	750	40	1860	2170	2445	2715	2985	3220	3565	3875
											30	1965	2290	2575	2860	3150	3395	3760	4085
											5LT	2285	2670	3000	3335	3670	3955	4380	4760
											5HT	1965	2290	2575	2860	3150	3395	3760	4085
											bar / kmph	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**
											65	1980	2310	2600	2890	3180	3425	3795	4125
											50	2085	2430	2735	3035	3340	3600	3990	4335
	600/65R34	157 D / 160 A8	TL	D W20B	W18L	611	1644	742	4960	775	40	2160	2520	2835	3150	3465	3735	4140	4500
											30	2280	2660	2990	3325	3655	3940	4370	4745
											10 LT	2655	3100	3485	3875	4260	4590	5090	5530
											10 HT	2280	2660	2990	3325	3655	3940	4370	4745
38.0																			
											psi / mph	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**
											65	1755	2045	2300	2555	2815	3030	3360	**3650**
											50	1845	2150	2420	2685	2955	3185	3530	3835
	540/65R38	153 D / 156 A8	TL	W16L	W18L	530	1667	760	5059	800	40	1920	2240	2520	2800	3080	3320	3680	4000
											30	2020	2355	2650	2940	3235	3490	3865	4200
											10 LT	2350	2745	3085	3430	3770	4065	4505	4895
											10 HT	2020	2355	2650	2940	3235	3490	3865	4200
											bar / kmph	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**
											65	2100	2450	2755	3065	3370	3630	4025	4375
											50	2205	2575	2895	3215	3535	3815	4225	4595
	600/65R38	159 D / 162 A8	TL	DW 20 B	W 18 L	611	1745	790	5247	825	**40**	2280	2660	2995	3325	3660	3945	4370	4750
											30	2415	2820	3170	3520	3875	4175	4630	5030
											5LT	2815	3285	3695	4105	4515	4865	5395	5865
												2415	2820	3170	3520	3875	4175	4630	5030
38.0																			
											bar / kmph	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**
											65	2340	2730	3070	3415	3755	4045	4485	4875
											50	2455	2865	3225	3585	3940	4250	4710	5120
	650/65R38	163 D / 166 A8	TL	DW 20 B		645	1811	830	5483	875	40	2545	2970	3340	3710	4080	4400	4875	5300
											30	2690	3140	3530	3925	4315	4655	5160	5605
											5LT	3135	3660	4115	4575	5030	5420	6010	6535
											5HT	2690	3140	3530	3925	4315	4655	5160	5605
											bar/kmph	**0.8**	**1**	**1.2**	**1.4**	**1.6**	**2.4**	**3.2**	**3.6**
											65	3160	3290	3430	3570	3720	4380	5160	5600
											50	3320	3450	3600	3750	3910	4600	5420	5880
	650/65R38	168 D / 171 A8	TL	DW 20 B		645	1811	830	5483	875	40	3460	3600	3760	3910	4070	4800	5650	6130
											30	3630	3780	3940	4110	4280	5040	5930	6440
											10LT	4200	4380	4560	4750	4950	5830	6860	7450
											10HT	3630	3780	3940	4110	4280	5040	5930	6440
											SL	7270	7570	7890	8210	8560	10070	11870	12880
	*** 650/65R38**	172 D / 175 A8																	
42.0																			
											bar / kmph	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**
											65	2470	2885	3245	3605	3965	4275	4740	5150
											50	2595	3030	3245	3785	4165	4490	4975	5410
	650/65R42	165 D / 168 A8	TL	DW 20 B		645	1913	864	5740	925	**40**	2690	3135	3530	3920	4310	4650	5150	5600
											30	2845	3315	3730	4145	4560	4915	5450	5925
											5LT	3310	3865	4350	4830	5315	5730	6350	6900
												2845	3315	3730	4145	4560	4915	5450	5925

* Under Development

GREEN XLR

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70 SERIES (R1-W)

RADIAL TIRES FOR HEAVY DUTY TRACTORS

- Suitable for several heavy-duty applications such as soil preparation and road transport
- Wide contact patch ensures excellent traction on all surfaces
- Provides long wear, smooth riding and excellent self-cleaning
- Flexible sidewall provides higher rider comfort for less fatigue and minimum soil compaction

	Tire Size	LI/PI	Type	Rim		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Speed	Load Capacity (KG/TYRE)					
						S.W.	O.D.										
				Rec.	Alt.	mm	mm	mm	mm	mm							
24.0																	
	360/70R24	122 A8/ B	TL	W 11	W 10, W12	357	1152	519	3400	550	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50	825	960	1095	1235	1365	1500
											40	825	960	1095	1235	1365	1500
											30	885	1025	1170	1320	1460	1605
											10LT	1105	1285	1465	1650	1830	2010
											10HT	885	1025	1170	1320	1460	1605
	380/70R24	125 A8/ B	TL	W 12	W 11, W13	380	1190	538	3560	575	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50	910	1055	1205	1355	1500	1650
											40	910	1055	1205	1355	1500	1650
											30	970	1130	1290	1450	1605	1765
											10LT	1215	1415	1615	1815	2010	2210
											10HT	970	1130	1290	1450	1605	1765
	420/70R24	130 A8/ B	TL	W 13	W 12 , W14 L	418	1248	554	3680	600	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50	1045	1215	1385	1562	1730	1900
											40	1045	1215	1385	1562	1730	1900
											30	1120	1300	1485	1673	1850	2035
											10LT	1400	1630	1860	2092	2315	2545
											10HT	1120	1300	1485	1673	1850	2035
	480/70R24	138 A8/ B	TL	W 15 L	W 14 L , W 16 L	479	1316	580	3894	625	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50	1230	1510	1725	1940	2150	2360
											40	1230	1510	1725	1940	2150	2360
											30	1390	1615	1845	2075	2230	2525
											10LT	1740	2025	2310	2600	2880	3160
											10HT	1390	1615	1845	2075	2300	2525
28.0																	
	380/70R28	127 A8/ B	TL	W 12	W 11 , W13	380	1293	586	3883	625	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50	965	1120	1280	1440	1595	1750
											30	1030	1200	1365	1540	1705	1875
											10LT	1290	1500	1710	1930	2135	2345
											10HT	1030	1200	1365	1540	1705	1875
	420/70R28	133 A8/ B	TL	W 13	W 12 , W14 L	418	1349	604	4020	650	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	1135	1320	1505	1695	1875	2060
											30	1210	1410	1610	1815	2005	2205
											10LT	1515	1765	2015	2270	2510	2760
											10HT	1210	1410	1610	1815	2005	2205
	480/70R28	140 A8/ B	TL	W 15 L	W 14 L , W 16 L	479	1421	634	4183	675	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	1375	1600	1825	2055	2275	2500
											40	1375	1600	1825	2055	2275	2500
											30	1470	1710	1955	2200	2435	2675
											10LT	1845	2145	2445	2755	3050	3350
											10HT	1470	1710	1955	2200	2435	2675

Tire Size	LI/PI	Type	Rim		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Speed	Load Capacity (KG/TYRE)							
					S.W.	O.D.												
			Rec.	Alt.	mm	mm	mm	mm	mm									
30.0																		
420/70R30	134 A8/ B	TL	W 13	W 12 , W14 L	418	1398	631	4172	675	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6		
										50 / 40	1165	1355	1550	1745	1930	2120		
										40	1165	1355	1550	1745	1930	2120		
										30	1250	1450	1655	1865	2065	2270		
										10LT	1560	1820	2075	2335	2585	2840		
										10HT	1250	1450	1655	1865	2065	2270		
480/70R30	141 A8/ B	TL	W 15 L	W 14 L , W 16 L	479	1478	659	4322	700	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6		
										50 / 40	1415	1650	1880	2115	2345	2575		
										40	1415	1650	1880	2115	2345	2575		
										30	1515	1765	2010	2265	2505	2755		
										10LT	1900	2210	2520	2835	3140	3450		
										10HT	1515	1765	2010	2265	2505	2755		
600/70R30	152D	TL	DW 20 B	DW 18 L, W18L	591	1602	711	4774	750	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6		
										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		
										10 HT	2250	2615	2985	3350	3720	4085		
600/70R30	152 A8/ B	TL	DW 20 B	DW18 L, W18L	591	1602	711	4774	750	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6		
										50 / 40	1955	2270	2590	2920	3230	3550		
										40	1955	2270	2590	2920	3230	3550		
										30	2090	2430	2775	3125	3455	3800		
										10LT	2615	3045	3475	3910	4330	4755		
										10HT	2090	2430	2775	3125	3455	3800		
34.0																		
480/70R34	149 A8/ B	TL	W 15 L	W 14 L , W 16 L	479	1580	711	4759	750	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4
										50 / 40	1530	1755	2015	2275	2535	2795	3025	3250
										30	1635	1880	2155	2436	2710	2990	3235	3480
										10LT	2045	2350	2700	3049	3395	3745	4050	4355
										10HT	1635	1880	2155	2436	2710	2990	3235	3480
520/70R34	148 A8/ B	TL	W 16 L	W 15 L, W 18 L	516	1640	739	4901	775	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6		
										50 / 40	1735	2015	2300	2590	2865	3150		
										30	1855	2155	2460	2770	3065	3370		
										10LT	2320	2700	3080	3470	3840	4220		
										10HT	1855	2155	2460	2770	3065	3370		
38.0																		
480/70R38	145 A8/ B	TL	W 15 L	W 14 L , W 16 L	479	1681	764	5015	800	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6		
										50 / 40	1595	1855	2115	2385	2640	2900		
										30	1705	1985	2265	2550	2825	3105		
										10LT	2135	2485	2835	3195	3535	3885		
										10HT	1705	1985	2265	2550	2825	3105		
520/70R38	150 A8/ B	TL	W 16 L	W 15 L, W 18 L	516	1749	793	5300	825	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6		
										50 / 40	1845	2144	2445	2755	3050	3350		
										30	1970	2294	2615	2945	3260	3585		
										10LT	2470	2875	3295	3690	4085	4490		
										10HT	1970	2295	2615	2945	3260	3585		
580/70R38	155 A8/ B	TL	W 18 L		577	1827	821	5505	875	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6		
										50 / 40	2130	2480	2830	3185	3525	3875		
										30	2280	2655	3025	3405	3775	4145		
										10LT	2855	3325	3790	4270	4725	5195		
										10HT	2280	2655	3025	3405	3775	4145		
710/70R38	166 A8/ B	TL	DW 23 B		716	1959	859	5751	925	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6		
										50 / 40	2915	3390	3870	4355	4825	5300		
										30	3120	3630	4140	4660	5160	5670		
										10LT	3905	4545	5185	5835	6465	7100		
										10HT	3120	3630	4140	4660	5160	5670		
710/70R38	171 D/174 A8	TL	DW 23 B		716	1959	859	5751	925	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4
										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
42.0																		
620/70R42	160 D/ B	TL	DW 20 B	-	625	1935	876	5742	925	**bar / kmph**	1	1	1	1	1	1.6		
										65	2600	3025	3450	3875	4300	4725		
										50	2715	3160	3600	4045	4490	4930		
										40	2850	3315	3780	4245	4710	5175		
										30	3320	3860	4405	4945	5490	6030		
										10 LT	2850	3315	3780	4245	4710	5175		
										10 HT	2850	3315	3780	4245	4710	5175		
620/70R42	160 A8/ B	TL	DW 20 B	-	625	1935	876	5742	925	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6		
										50 / 40	2475	2880	3285	3690	4095	4500		
										30	2650	3085	3515	3950	4385	4815		
										10LT	3320	3860	4405	4945	5490	6030		
										10HT	2650	3085	3515	3950	4385	4815		
710/70R42	173 A8/ B	TL	DW 23 B		716	2061	922	6174	975	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4
										50 / 40	3055	3510	4030	4550	5070	5590	6045	6500
										30	3270	3755	4310	4869	5425	5980	6470	6955
										10LT	4095	4705	5400	6097	6795	7490	8100	8710
										10HT	3270	3755	4310	4869	5425	5980	6470	6955

GREEN XLR

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85 SERIES (R1-W)

RADIAL TIRES FOR
HEAVY DUTY TRACTORS

- Featuring outstanding traction and driving comfort on and off the road
- New tie bar design prevents center lug cracks when the load is high
- Cut and wear resistant compound increases productivity and delivers extensive tire life
- Ideal for long working hours in the fields

	Tire Size	LI/PI	Type	Rim		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Speed	Load Capacity (KG / TYRE)					
						S.W.	O.D.										
				Rec.	Alt.	mm	mm	mm	mm	mm							
24.0																	
	280/85R24 (11.2R24)	115 A8/ B	TL	W 10	W 9	292	1086	492	3224	525	bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	670	780	890	1000	1105	1215
											30	715	830	950	1070	1185	1300
											10LT	900	1045	1190	1340	1485	1630
											10HT	715	830	950	1070	1185	1300
	320/85R24 (12.4R24)	122 A8/ B	TL	W 11	W 10 , W 9	329	1154	518	3424	550	bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	825	960	1095	1235	1365	1500
											30	885	1030	1170	1320	1465	1605
											10LT	1105	1285	1470	1650	1830	2010
											10HT	885	1030	1170	1320	1465	1605
	340/85R24 (13.6R24)	125 A8 / B	TL	W12	W 11	353	1188	531	3540	575	bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	910	1055	1205	1355	1500	1650
											30	975	1135	1290	1455	1610	1770
											10LT	1220	1420	1615	1820	2015	2215
											10HT	975	1135	1290	1455	1610	1770
	380/85R24 (14.9R24)	131 A8 / B	TL	W 12	W 11, W 13	380	1256	554	3699	600	bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	1075	1250	1425	1605	1775	1950
											30	1150	1340	1525	1720	1900	2090
											10LT	1440	1675	1910	2150	2380	2615
											10HT	1150	1340	1525	1720	1900	2090
	420/85R24 (16.9R24)	137 A8 / B	TL	W 15 L	W 14 L , W13	438	1324	582	3900	625	bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	1265	1470	1680	1890	2095	2300
											30	1360	1575	1795	2020	2240	2460
											10LT	1700	1975	2250	2535	2805	3085
											10HT	1360	1575	1795	2020	2240	2460
28.0																	
	320/85R28 (12.4R28)	124 A8/ B	TL	W 11	W 10 , W 9	329	1255	569	3743	600	bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	880	1025	1170	1315	1455	1600
											30	945	1100	1250	1410	1560	1715
											10LT	1180	1370	1565	1765	1950	2145
											10HT	945	1100	1250	1410	1560	1715
	340/85R28 (13.6R28)	127 A8/ B	TL	W12	W 11	353	1289	588	3890	625	bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	965	1120	1280	1440	1595	1750
											30	1030	1200	1365	1540	1705	1875
											10LT	1290	1500	1710	1930	2135	2345
											10HT	1030	1200	1365	1540	1705	1875
	380/85R28 (14.9R28)	133 A8/ B	TL	W 12	W 11, W 13	380	1357	606	4015	650	bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	1135	1320	1505	1695	1875	2060
											30	1215	1410	1610	1815	2010	2205
											10LT	1520	1765	2015	2270	2510	2760
											10HT	1215	1410	1610	1815	2010	2205
	420/85R28 (16.9R28)	139 A8/ B	TL	W 15 L	W 14 L , W 13	438	1425	638	4214	675	bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	1335	1555	1775	1995	2210	2430
											30	1430	1665	1900	2135	2365	2600
											10LT	1790	2085	2375	2675	2965	3255
											10HT	1430	1665	1900	2135	2365	2600

Tire Size	LI/PI	Type	Rim		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Speed	Load Capacity (KG / TYRE)					
					S.W.	O.D.										
			Rec.	Alt.	mm	mm	mm	mm	mm							
30.0																
380/85R30 (14.9R30)	135 A8/ B	TL	W 12	W 11, W 13	380	1408	633	4169	675	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	1200	1395	1590	1790	1985	2180
										30	1285	1495	1705	1920	2125	2335
										10LT	1605	1870	2130	2400	2660	2920
										10HT	1285	1495	1705	1920	2125	2335
420/85R30 (16.9R30)	140 A8/ B	TL	W 15 L	W 14 L , W13	438	1475	661	4393	700	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	1375	1600	1825	2055	2275	2500
										30	1470	1710	1955	2200	2435	2675
										10LT	1845	2145	2445	2755	3050	3350
										10HT	1470	1710	1955	2200	2435	2675
460/85R30 (18.4R30)	145 A8/ B	TL	W 16 L	W 14 L , W15 L	475	1544	682	4537	725	**bar / kmph**	1	1	1	1	1	2
										50 / 40	1595	1855	2115	2385	2640	2900
										30	1710	1990	2270	2552	2825	3105
										10LT	2135	2485	2835	3195	3535	3885
										10HT	1710	1990	2270	2550	2825	3105
480/80R30	145 A8/ B	TL	W 16 L	W14L,W15L	475	1747	778.65	5191	825	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	1595	1860	2120	2380	2640	2900
										30	1710	1990	2270	2550	2830	3105
										10 LT	2140	2490	2840	3190	3540	3890
										10 HT	1710	1990	2270	2550	2830	3105
34.0																
380/85R34 (14.9R34)	137 A8/ B	TL	W 12	W 11, W13	380	1509	682	4504	725	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	1265	1470	1680	1890	2095	2300
										30	1355	1575	1795	2020	2240	2460
										10LT	1695	1970	2250	2535	2805	3085
										10HT	1355	1575	1795	2020	2240	2460
420/85R34 (16.9R34)	142 A8/ B	TL	W 15 L	W 14 L , W13	438	1578	709	4677	750	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	1460	1695	1935	2180	2410	2650
										30	1560	1815	2070	2330	2580	2835
										10LT	1955	2275	2590	2920	3230	3550
										10HT	1560	1815	2070	2330	2580	2835
460/85R34 (18.4R34)	147 A8/ B	TL	W 16 L	W 14 L , W15 L	475	1646	721	4865	775	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	1690	1970	2245	2530	2800	3075
										30	1810	2105	2400	2705	2995	3290
										10LT	2265	2635	3010	3385	3750	4120
										10HT	1810	2105	2400	2705	2995	3290
38.0																
340/85R38 (13.6R38)	133 A8/ B	TL	W12	W 11	353	1543	712	4613	750	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	1135	1320	1505	1695	1875	2060
										30	1210	1410	1610	1815	2005	2205
										10LT	1520	1765	2015	2270	2510	2760
										10HT	1210	1410	1610	1815	2005	2205
420/85R38 (16.9R38)	144 A8/ B	TL	W 15 L	W 14 L , W13	438	1679	763	4992	800	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	1540	1790	2045	2300	2550	2800
										30	1650	1915	2190	2460	2725	2995
										10LT	2065	2400	2740	3085	3415	3750
										10HT	1650	1915	2190	2460	2725	2995
460/85R38 (18.4R38)	149 A8/ B	TL	W 16 L	W 14 L , W 15 L	475	1747	785	5161	825	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	1790	2080	2375	2670	2960	3250
										30	1915	2225	2540	2860	3165	3480
										10LT	2395	2785	3180	3580	3965	4355
										10HT	1915	2225	2540	2860	3165	3480
480/80R38	149 A8/ B	TL	W 16 L	W 14 L , W 15 L	475	1747	779	5191	825	**bar/kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	1790	2080	2375	2670	2960	3250
										30	1915	2225	2540	2860	3165	3480
										10LT	2395	2785	3180	3580	3965	4355
										10HT	1915	2225	2540	2860	3165	3480
520/85R38 (20.8R38)	155 A8 / B	TL	DW 16 L	DW 18 L , DD 16 L	516	1849	813	5393	875	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										50 / 40	2130	2480	2830	3405	3525	3525
										30	2280	2655	3025	3405	3775	4145
										10LT	2855	3325	3790	4270	4725	5195
										10HT	2280	2655	3025	3405	3775	4145
650/85R38	173 D /176 A8	TL	DW 23 B	DW 21B , DW20 B	675	2071	935	6184	975	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
										65	3120	3640	4095	4550	5005	5395
										50	3275	3820	4300	4780	5255	5665
										40	3410	3975	4475	4970	5465	5895
										30	3590	4185	4710	5235	5755	6205
										5LT	4180	4880	5485	6095	6705	7230
										5HT	3590	4185	4710	5235	5755	6205

	Tire Size	LI/PI	Type	Rim		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Speed	Load Capacity (KG / TYRE)					
						S.W.	O.D.										
				Rec.	Alt.	mm	mm	mm	mm	mm							
42.0																	
	480/80R42 (18.4R42)	151 A8/ B	TL	DW 16 L	W 16 L , DD 16 L	479	1835	835	5459	875	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	1900	2210	2520	2835	3140	3450
											30	2030	2365	2695	3035	3360	3690
											10LT	2545	2960	3375	3800	4205	4625
											10HT	2020	2365	2695	3035	3360	3690
	520/85R42 (20.8R42)	157 A8 / B	TL	DW 16 A, W 16 A	DW 18 A ,DW 18A, W18 A	516	1951	858	5735	925	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	2270	2640	3010	3390	3755	4125
											30	2430	2825	3220	3630	4015	4415
											10LT	3040	3540	4035	4545	5030	5530
											10HT	2430	2825	3220	3630	4015	4415
46.0																	
	480/80R46 (18.4R46)	158 A8/ B	TL	DW 16 L	W 16 L , DD 16 L	479	1936	895	5871	925	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	2000	2295	2635	2975	3315	3655
											30	2135	2455	2820	3185	3545	3910
											10LT	2675	3075	3530	3985	4440	4900
											10HT	2135	2455	2820	3185	3545	3910
	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	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 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
50.0																	
	480/80R50 (18.4R50)	159 A8/ B	TL	DW 16 L	W 16 L , DD 16 L	479	2036	941	6158	975	**bar / kmph**	0.6	0.8	1.0	1.2	1.4	1.6
											50 / 40	2055	2365	2715	3065	3415	3765
											30	2200	2530	2900	3275	3650	4025
											10LT	2755	3165	3635	4105	4575	5040
											10HT	2200	2530	2900	3275	3650	4025

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95 SERIES

RADIAL TIRES FOR ROW CROP APPLICATIONS

- Special line of radial tires for row crop and spraying applications
- Cut and wear resistant compound increases productivity ensures extensive tire life
- Robust casing and belts provide longer tire life

R1-W

Tire Size	LI/SI	Type	TRA Code	Rim		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Speed	Load Capacity (KG / TIRE)												
						S.W.	O.D.																	
				Rec.	Alt.	mm	mm	mm	mm	mm														
46.0																								
											bar / kmph	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6				
											50	1785	2285	2790	3065	3295	3605	3875					
380/90R46 (14.9R46)	155 A8 / B	TL	R1W	W 12	W 11 ,W 13	380	1852	859	5596	875	**40**	1785	2285	2790	3065	3295	3605	3875					
											30	1910	2450	2990	3285	3530	3860	4150					
											10	2095	2740	3315	3955	4540	4715	5235	5815				
											bar / kmph	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4		
											10	2660	3410	4190	4560	4840	5310	5780	6090	6440	7000		
380/90R46 (14.9R46)	168D/A8	TL	R1W	W 12	W 11 ,W 13	380	1852	859	5596	875	**15**	2380	3040	3740	4080	4330	4750	5160	5440	5750	6250		
											20	2180	2790	3430	3740	3970	4360	4740	5000	5280	5740		
											65	2130	2725	3350	3650	3875	4250	4625	4875	5150	5600		
											70	1940	2480	3050	3320	3530	3870	4210	4440	4690	5100		
*** 380/90R46 (14.9R46)**	172D	TL	R1W																					

R1

Tire Size	LI/SI	Type	TRA Code	Rim		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI	Speed	Load Capacity (KG / TIRE)												
						S.W.	O.D.																	
				Rec.	Alt.	mm	mm	mm	mm	mm														
32.0																								
											bar / kmph	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4		
270/95R32 (11.2R32)	136 A8 / B	TL	R1	W 9	W 8, W 10	275	1327	614	4044	625	**50**	875	1145	1390	1525	1615	1770	1930	2085	2240			
											40	875	1145	1390	1525	1615	1770	1930	2085	2240			
											30	935	1225	1485	1630	1730	1895	2065	2230	2395			
											10	1045	1315	1615	1920	2220	2285	2555	2825	3095	3360		
46.0																								
											bar / kmph	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4
											50	1105	1295	1485	1670	1860	2015	2205	2365	2585	2805	2995	3150	
300/95R46 (12.4R46)	148 A8 / B	TL	R1	W 9	W 10 ,DW 10, W11	295	1738	812	5318	825	**40**	1105	1295	1485	1670	1860	2015	2205	2365	2585	2805	2995	3150	
											30	1180	1385	1590	1790	1990	2160	2360	2530	2765	3005	3205	3375	
											20	1355	1590	1825	2055	2285	2480	2710	2905	3175	3450	3680	3875	
											10	1525	1790	2050	2305	2565	2785	3045	3265	3565	3870	4135	4350	4725
48.0																								
											bar / kmph	**0.8**	**1.2**	**1.6**	**2.0**	**2.4**	**2.8**	**3.2**	**3.6**	**4.0**	**4.4**		
230/95R48 (9.5R48)	136 A8 / B	TL	R1	W8	W 7	238	1656	792	5085	800	**50**	875	1145	1390	1525	1615	1770	1930	2085	2240			
											40	875	1145	1390	1525	1615	1770	1930	2085	2240			
											30	935	1225	1485	1630	1730	1895	2065	2230	2395			
											10	1045	1315	1615	1920	2220	2285	2555	2825	3095	3360		
											bar / kmph	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4		
270/95R48 (11.2R48)	144 A8 / B	TL	R1	W 9	W 8, W 10	275	1733	820	5351	825	**50**	1095	1430	1735	1905	2020	2210	2410	2605	2800			
											40	1095	1430	1735	1905	2020	2210	2410	2605	2800			
											30	1170	1530	1860	2040	2160	2365	2580	2785	2995			
											10	1305	1645	2020	2400	2775	2860	3195	3530	3865	4195		
											bar / kmph	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4		
340/85R48 (13.6R48)	152 A8 / B	TL	R1	W 12	W 11	353	1797	855	5572	875	**50**	1390	1815	2200	2420	2560	2805	3055	3300	3550			
											40	1390	1815	2200	2420	2560	2805	3055	3300	3550			
											30	1485	1940	2355	2585	2740	3000	3270	3535	3800			
											10	1655	2085	2560	3045	3520	3625	4050	4475	4905	5325		

* Under Development

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FT1 (FT2)

BIAS TIRES FOR TRACTORS

- Optimized rib design for easy driving both on and off roads
- More rubber in raised centre rib provides best direction stability
- Strong sidewall ensures better stability in rough operation.
- Penetration resistant compound minimizes air leaking in tubeless tire

	Tire Size	PR	TT / TL	RIM	Unloadded inflated Dimension ± 2%		SLR	RC ± 2%	At Speed30 kmph (20 mph)			At Speed40 kmph(25 MPH)			Inflation Pressure
					SW	OD			Speed Index	Load Index	MAX. LOAD	Speed Index	Load Index	MAX. LOAD	
				Rec. inch	mm	mm	mm	mm			(KGS.)			(KGS.)	Bar
16.0															
	5.50-16	6	TT / TL	4.00E	157	719	330	2134	A6	86	530	A8	78	425	4
	6.00-16	10	TT	4.50E	169	688	346	2190	A6	98	750	A8	95	690	6

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FT2 (F2)

BIAS FRONT TIRES BUILT FOR TRACTORS

- Specially designed for 2WD tractors in soil tillage and transport applications
- Unique tread design offering excellent self-cleaning properties
- Built with special cut and chip resistance tread compound

	Tire Size	PR	TT / TL	RIM		Unloadded inflated Dimension ± 2%		SLR	RC ± 2%	At Speed 30 kmph (20 mph)			At Speed 40 kmph (25 MPH)			Inflation Pressure
						SW	OD			Speed Index	Load Index	MAX. LOAD	Speed Index	Load Index	MAX. LOAD	
				Rec. inch	Alt. inch	mm	mm	mm	mm			Kgs			Kgs	Bar
16.0																
	5.00-16	6	TT	4.00E	3.00D,4J,4 1/2J	140	681	330	2032	A6	84	500	A8	76	400	4
	5.50-16	6	TT	4.00E	3.5D,4.5E	157	719	330	2134	A6	86	530	A8	78	425	4
	6.00-16	8	TT	4.50E	4.00E,4.25KA	159	739	333	2220	A6	94	670	A8	91	615	5
	6.00-16	6	TT	4.50E	4.00E,4.25KA	159	739	333	2220	A6	88	560	A8	85	515	4
	6.50-16	6	TT	4.50E	4.00E,4.25KA	173	761	344	2295	A6	91	615	A8	88	560	3
	7.50-16	6	TT	5.50F	6LB	203	808	366	2440	A6	98	750	A8	94	670	3
	7.50-16	8	TT	5.50F	6LB	203	808	366	2440	A6	102	875	A8	99	775	4
	9.00-16	10	TT	W8	6.00F,W7,W8L	234	827	398	2548	A6	116	1250	A8	111	1090	4
	10.00-16	10	TL	W8L	8LB	274	894	418	2682	A6	119	1360	A8	111	1090	3
18.0																
	7.50-18	8	TT	5.50F	-	208	874	406	2616	A6	106	950	A8	102	850	4
20.0																
	6.50-20	6	TT	5.00F	4E,5.5F	180	864	406	2565	A6	97	730	A8	93	650	3
	7.50-20	6	TT	5.50F	5.0F	206	914	432	2718	A6	103	875	A8	99	775	3
	7.50-20	8	TT	5.50F	5.0F	206	914	432	2718	A6	108	1000	A8	105	925	4

FT3 (F2M)

BIAS FRONT TIRES BUILT FOR TRACTORS

- A front wheel tire designed for 2WD tractors in soil tillage applications
- Best suited for farming operations requiring a high level of handling
- Unique tread design guarantees high flotation and less soil compaction
- High-density tread rubber provides long tire life

	Tire Size	PR	TT / TL	RIM		Unloadded inflated Dimension ± 2%		SLR	RC ± 2%	At Speed 30 kmph (20 mph)			At Speed 40 kmph (25 MPH)			Inflation Pressure
						SW	OD			Speed Index	Load Index	MAX. LOAD	Speed Index	Load Index	MAX. LOAD	
				Rec. inch	Alt. inch	mm	mm	mm	mm			Kgs			Kgs	Bar
15.0																
	9.5L-15	8	TL	8LB	-	241	782	365	2325	A6	105	925	A8	102	850	3
	11L-15	8	TL	8LB	10LB	280	795	370	2370	A6	103	875	A8	106	950	3
16.0																
	10.00-16	10	TL	W 8 L	8 L B	274	894	408	2692	A 6	117	1285	A8	114	1180	3
	11.00-16	10	TL	10 LB	W 8, W 8 L	315	968	457	2895	A6	123	1550	A8	120	1400	4
16.1																
	14L-16.1	12	TL	16.1 x W11C	-	356	980	453	2920	A6	130	1900	A8	127	1750	4

GREEN XLR

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RT100 (R1)

BIAS TIRES BUILT FOR TRACTORS

- Designed for soil preparation and spraying applications
- Dual angle lug design provides all round capabilities in on and off road applications
- Strong nylon casing offers better power transmission
- Higher Number of Lugs for higher traction and stability

	TYRE SIZE	PR	TL / TT	RIM	Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	Speed Index	Load Index	MAX. LOAD @20MPH	Inflation Pressure
					SW	OD						
				Rec. inch	mm	mm	mm	mm			kgs	Bar
24.0												
	8.3-24	8	TT	W7	211	995	469	2985	A 6	105	925	3.1
	9.5-24	8	TT	W 8	241	1056	494	3117	A 6	112	1120	2.8
	11.2-24	8	TT	W 10	284	1105	515	3249	A 6	116	1250	2.4
	12.4-24	8	TT	W 11	315	1160	535	3524	A 6	121	1450	2.3
	12.4-24	12	TT	W 11	315	1160	535	3524	A 6	128	1800	3.5
	13.6-24	8	TT	W 12	345	1210	560	3556	A 6	123	1550	2.0
	14.9-24	8	TT	W 13	378	1265	583	3719	A 6	128	1800	1.8
	14.9-24	12	TT	W 13	378	1265	583	3719	A 6	136	2240	2.6
	16.9-24	8	TT	W 15 L	429	1335	613	3925	A 6	133	2060	1.7
26.0												
	18.4-26	12	TT	W 16 L	467	1450	662	4278	A 6	146	3000	2.3
28.0												
	11.2-28	8	TT	W 10	284	1205	565	3543	A 6	118	1320	2.4
	12.4-28	8	TT	W 11	315	1260	589	3704	A 6	123	1550	2.3
	12.4-28	12	TT	W 11	325	1260	589	3704	A 6	131	1950	3.5
	13.6-28	8	TT	W 12	345	1310	614	4031	A 6	125	1650	2.0
	13.6-28	12	TT	W 12	345	1310	614.0	4031.0	A 6	134	2120	3.0
	14.9-28	8	TT	W 13	378	1365	634	4013	A 6	130	1900	1.8
	14.9-28	12	TT	W 13	378	1365	634	4013	A 8	137	2300	2.6
	16.9-28	8	TT	W 15 L	429	1435	655	4310	A 6	135	2180	1.7
	16.9-28	12	TT	W 15 L	429	1435	655	4310	A 6	143	2725	2.4
30.0												
	16.9-30	8	TT	W 15 L	429	1485	687	4501	A 6	137	2300	1.7
	16.9-30	10	TT	W 15 L	429	1485	687	4501	A 6	139	2430	2.0
	18.4-30	8	TT	W16L	460	1545	707	4741	A 6	139	2430	1.4
	18.4-30	12	TT	W16L	460	1545	707	4741	A 6	149	3250	2.3
	18.4-30	14	TT	W16L	460	1545	707	4741	A 6	151	3450	2.6
32.0												
	12.4-32	8	TT	W 11	315	1360	639	3998	A 6	124	1600	2.3
34.0												
	16.9-34	8	TT	W 15 L	429	1585	738	4650	A 6	139	2430	1.7
	18.4-34	8	TT	W 16 L	467	1650	766	4850	A 6	142	2650	1.4
	18.4-34	10	TT	W 16 L	467	1650	766	4850	A 6	146	3000	1.8
	18.4-34	12	TT	W 16 L	467	1650	766	4850	A 6	151	3450	2.3
38.0												
	13.6-38	8	TT	W 12	345	1565	738	4601	A 6	131	1950	2.0
	15.5-38	8	TT	W 14 L	395	1585	746	4660	A 6	133	2060	1.8
	16.9-38	8	TT	W 15 L	429	1685	788	4954	A 6	141	2575	1.7
	18.4-38	8	TT	W 16 L	467	1750	816	5145	A 6	143	2725	1.4
	18.4-38	12	TT	W 16 L	467	1750	816	5145	A 6	153	3650	2.3
	20.8-38	10	TT	W18L	530	1835	852	5395	A 6	152	3550	1.5

GREEN XLR

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GW100 (G1W)

BIAS TIRES BUILT FOR UTILITY TRACTORS

- Unique tread design offers superior traction in wet soil, thus delivering better fuel economy
- Flexible sidewall provides high ride comfort and less fatigue

	Tire Size	PR	TL / TT	Rim		Unloaded Inflated Dimension ± 2 %		SLR	RC ± 2 %	Speed Index	Load Index	MAX. LOAD @20MPH	Inflation Pressure
						SW	OD						
				Rec. inch	Alt. inch	mm	mm	mm	mm			Kgs.	Bar
14.0													
	7-14	8	TT	5JA	5KB	183	691	469	2097	A 6	94	685	4

GREEN XLR

GRI
WE'LL GET YOU THERE

F77 (I3)

FLOTATION RADIAL TIRES FOR HEAVY DUTY TRAILERS

- Offers high load carrying capacity at low inflation pressure
- Lug contact at center line ensures smooth and comfortable run on the road
- Strong nylon casing and special tread compound offers high wear resistance
- Reinforced bead offers superior stability
- Low rolling resistance leads to excellent fuel efficiency

Tire Size	LI/PI	TT/TL	Rim		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	SRI
					S.W.	O.D.			
			Rec.	Alt.	mm	mm	mm	mm	mm
22.5									
560/60R22.5	161 D / 172 A8	TL	AG 16.00	16.00 , 17.00 , AG 20	543	1244	549	3785	600
560/60R22.5	165D/176A8	TL	AG 16.00	16.00 , 17.00 , AG 20	543	1244	549	3785	600

Speed	Load Capacity (KG / TIRE)							
bar/kmph	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
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
bar/kmph	1	2	2	2	3	3	4	4
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

GREEN EX®

GRI
WE'LL GET YOU THERE

FL700 (I3)

FLOTATION BIAS TIRES BUILT FOR HEAVY DUTY TRAILERS

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

Tire Size	PR	Type	Rim		Unloaded Inflated Dimension +-2%		SLR	RC ± 2.5%	Load Index PR Symbol	Inflation Pressure bar	Recomonded Load							
					SW	OD					Speead							
											Drive Wheel				Free Rolling			
			Rec. inch	Alt. inch	mm	mm	mm	mm			10 Kmph	25 Kmph	40 Kmph	50 Kmph	10 Kmph	25 Kmph	40 Kmph	50 Kmph
15.5																		
400/60-15.5	18	TL	AG 13.00		400	875	380	2564	149/A8/ FR	3.9	2870	2450	2060	1850	4050	3450	2900	2620
									145/B/ FR	4.1	2980	2540	2140	1920	4210	3580	3010	2720
									137/A8/ DW	4.3	3100	2640	2220	1990	4380	3720	3130	2820
									133/B/ DW	4.5	3220	2740	2300	2070	4550	3870	3250	2930
									Cyclic	**6.3**	**4610**	**3920**	**3290**	**2970**	**5460**	**4650**	**3900**	**3510**
22.5																		
500/45-22.5	16	TL	AG 16.00		500	1044	457	3099	154/A8/ FR	3	3310	2820	2370	2140	4670	3970	3330	3000
									150/B/ FR	3.2	3440	2930	2460	2220	4850	4130	3460	3120
									142/A8/ DW	3.4	3570	3040	2550	2300	5040	4290	3600	3240
									138/B/ DW	3.6	3710	3160	2650	2390	5240	4460	3740	3370
									Cyclic	**5.0**	**5310**	**4520**	**3790**	**3420**	**6290**	**5350**	**4490**	**4050**
500/50-22.5	16	TL	AG 16.00		500.38	1069	483	3200	158/A8/ FR	2.4	3740	3190	2680	2410	5270	4490	3770	3400
									154/B/ FR	2.6	3890	3310	2780	2500	5480	4670	3920	3530
									146/A8/ DW	2.8	4040	3440	2890	2600	5700	4850	4070	3670
									142/B/ DW	3	4200	3570	3000	2700	5930	5040	4230	3810
									Cyclic	**4.2**	**6010**	**5110**	**4290**	**3870**	**7120**	**6050**	**5080**	**4580**
500/50-22.5	20	TL	AG 16.00		500	1069	483	3200	163/A8/ FR	3.2	4300	3660	3080	2770	6070	5170	4340	3910
									159/B/ FR	3.4	4470	3800	3200	2880	6310	5370	4510	4060
									151/A8/ DW	3.6	4650	3950	3320	2990	6560	5580	4690	4220
									147/B/ DW	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	16	TL	AG 16.00	15.00,17.00	500	1171	483	3200	163/A8/ FR	2.5	4300	3660	3080	2770	6070	5170	4340	3910
									159/B/ FR	2.7	4470	3800	3200	2880	6310	5370	4510	4060
									151/A8/ DW	2.9	4650	3950	3320	2990	6560	5580	4690	4220
									148/B/ DW	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	16	TL	AG 16.00		551	1069	483	3200	159/A8/ FR	2.2	3840	3260	2740	2470	5420	4600	3870	3480
									156/B/ FR	2.4	3990	3390	2850	2570	5630	4780	4020	3620
									147/A8/ DW	2.6	4150	3520	2960	2670	5850	4970	4180	3760
									144/B/ DW	2.8	4310	3660	3075	2770	6080	5170	4340	3910
									Cyclic	**3.9**	**6160**	**5240**	**4400**	**3960**	**7300**	**6200**	**5210**	**4690**

Tire Size	PR	Type	Rim		Unloaded Inflated Dimension +-2%		SLR	RC ± 2.5%	Load Index PR Symbol	Inflation Pressure bar	Recomonded Load							
					SW	OD					Speead							
											Drive Wheel				Free Rolling			
			Rec. inch	Alt. inch	mm	mm	mm	mm			10 Kmph	25 Kmph	40 Kmph	50 Kmph	10 Kmph	25 Kmph	40 Kmph	50 Kmph
22.5																		
550/60-22.5	16	TL	AG 16.00		551	1240	533	3734	166/A8/ FR	2.4	4680	3980	3340	3010	6600	5610	4710	4250
									162/B/ FR	2.6	4860	4140	3470	3130	6860	5830	4900	4420
									154/A8/ DW	2.8	5050	4300	3610	3250	7130	6060	5090	4590
									150/B/ DW	3	5250	4470	3750	3380	7410	6300	5290	4770
									Cyclic	**4.2**	**7520**	**6400**	**5370**	**4840**	**8890**	**7560**	**6350**	**5720**
600/50-22.5	16	TL	AG 20.00		599	1171	508	3505	165/A8/ FR	2	4550	3880	3250	2940	6410	5450	4580	4130
									161/B/ FR	2.2	4730	4030	3380	3050	6660	5670	4760	4290
									153/A8/ DW	2.4	4920	4190	3510	3170	6930	5900	4950	4460
									149/B/ DW	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	18	TL	AG 20.00		599	1171	508	3505	167/A8/ FR	2.2	4830	4110	3450	3110	6820	5790	4870	4390
									163/B/ FR	2.4	5020	4270	3590	3230	7090	6020	5060	4560
									155/A8/ DW	2.6	5220	4440	3730	3360	7370	6260	5260	4740
									151/B/ DW	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	16	TL	AG 20.00		599	1229	533	3708	169/A8/ FR	2	4980	4240	3560	3210	7030	5970	5020	4520
									166/B/ FR	2.2	5180	4410	3700	3330	7310	6210	5220	4700
									156/A8/ DW	2.4	5390	4580	3850	3460	7600	6460	5430	4890
									153/B/ DW	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	16	TL	AG 24.00		701	1171	508	3531	166/A8/ FR	1.6	4680	3980	3340	3010	6600	5610	4710	4250
									162/B/ FR	1.8	4860	4140	3470	3130	6860	5830	4900	4420
									154/A8/ DW	2	5050	4300	3610	3250	7130	6060	5090	4590
									150/B/ DW	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	16	TL	AG 24.00		701	1171	508	3531	166/A8/ FR	1.6	4680	3980	3340	3010	6600	5610	4710	4250
									162/B/ FR	1.8	4860	4140	3470	3130	6860	5830	4900	4420
									154/A8/ DW	2	5050	4300	3610	3250	7130	6060	5090	4590
									150/B/ DW	2.2	5250	4470	3750	3380	7410	6300	5290	4770
									Cyclic	**3.1**	**7520**	**6400**	**5370**	**4840**	**8890**	**7560**	**6350**	**5720**

FL800 (I3)

FLOTATION BIAS TIRES BUILT FOR HEAVY DUTY TRAILERS

- Suitable for field and road transport
- Provides high flotation capability and reduce 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

	Tire Size	PR	Type	RIM		Unloaded Inflated Dimension +-2%		SLR	RC ± 2.5%	Load capacity Free Rolling Wheel				Load capacity Drive Rolling				Inflation Pressure
						SW	OD			40km/h		50km/h		40km/h		50km/h		
				Rec. inch	Alt. inch	mm	mm	mm	mm	A8 Load Index	MAX. kgs	B Load Index	MAX. kgs	A8 Load Index	MAX. kgs	B Load Index	MAX. kgs	Bar
22.5																		
	600/50-22.5	16	TL	AG 20.00	-	599	1171	508	3505	165	5150	161	4625	153	3650	149	3250	2.6

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IR200 (R1)

BIAS TIRES BUILT FOR IRRIGATION APPLICATIONS

- Specially designed for irrigation requirements
- Dual lug angle provides superior traction with minimum slippage
- Optimum Land to Sea Ratio for excellent self cleaning and better fuel economy

	TYRE SIZE	PR	TT / TL	RIM		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	At Speed 30 kmph (20 mph)			Inflation Pressure
						SW	OD					MAX. LOAD	
				Rec. inch	Alt. inch	mm	mm	mm	mm	Speed Index	Load Index	Kgs	Bar
24.0													
	11.2-24	6	TL	W 10	W 9	284	1090	509	3205	A 6	110	1060	1.8
	14.9-24	6	TL	W13	W11,12	378	1245	575	3660	A 6	123	1550	1.35
	14.9-24	8	TL	W13	W12	378	1245	551	3676	A6	128	1800	1.8
38.0													
	11.2-38	6	TL	W 10	W 9	284	1445	687	4248	A 6	117	1285	1.8
	11.2-38	4	TL	W 10	W 9	284	1445	687	4248	A 6	109	1030	1.3

GREENEX®

GRI
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I100 (I-1)

BIAS TIRES BUILT FOR IMPLEMENT APPLICATIONS

- Designed for free rolling wheels on wagons, hay balers, seeders and fertilizer spreaders
- Heavily grooved ribs offers easy steering

	TYRE SIZE	PR	TT / TL	RIM		Unloadded inflated		SLR	RC ± 2.5%	Load Capacity			Inflation Pressure
						SW	OD			Speed Index	Load Index	MAX.	
				Rec. inch	Alt. inch	mm	mm	mm	mm			Kgs	Bar
14.0													
	9.5L-14SL	8	TL	8 KB	-	240	735	326	2154	B	112	1090	3
	11L-14	8	TL	8 KB	-	279	752	336	2241	B	112	1120	3
15.0													
	5.90-15	4	TL	4 1/2 KB	5KB	155	665	292	1948	B	85	515	3
	6.70-15SL	6	TL	4 1/2 KB	5KB	157	705	311	2075	B	120	1400	4
	9.5L-15SL	8	TL	8LB	-	241	765	340	2242	D	112	1120	3
	9.5L-15SL	12	TL	7	8KB	241	765	340	2242	D	121	1450	4
	11L-15SL	8	TL	8LB	10LB	270	770	342	2256	D	113	1150	2
	11L-15SL	12	TL	8 LB	10 LB	270	770	342	2256	D	121	1450	4
	12.5L-15SL	12	TL	10LB	-	310	820	362	2403	D	127	1750	4
	31/13.50-15	10	TL	10 LB	-	351	782	362	2416	B	120	1400	3
	7.60-15SL	8	TL	6LB	-	193	734	323	2152	D	106	950	3
16.0													
	12.5L-16SL	12	TL	10LB	W10L	310	845	374	2476	D	128	1800	4
16.1													
	14L-16.1	10	TL	W 14 C	-	356	940	2760	414	B	130	1750	2
	14L-16.1	12	TL	W 14 C	-	356	940	2760	414	B	134	2120	3

RIB3 (IMP)

BIAS TIRES BUILT FOR IMPLEMENT APPLICATIONS

- Designed for implements and trailers in soil tillage applications
- Offers high load carrying capacity and minimum soil compaction
- Shoulder block design promotes excellent field traction

	TYRE SIZE	PR	TT / TL	RIM		Unloadded inflated		SLR	RC ± 2.5%	Speed Radius	LOAD CAPACITY FREE ROLLING WHEEL						Inflation Pressure
						SW	OD				30 kmph (20 mph) HLV			40 kmph (25MPH) HLV			
											Speed index	Load Index	MAX. LOAD	Speed Index	Load Index	MAX. LOAD	
				Rec. inch	Alt. inch	mm	mm	mm	mm	mm			kgs			kgs	Bar
15.3																	
	10.0/75-15.3	10	TL	9		274	760	356	2235	360	A6	134	2120	A8	130	1900	6
	10.0/75-15.3	14	TL	9		274	760	343	2235	360	A6	136	2240	A8	130	1900	7
	10.0/75-15.3	18	TL	9		274	760	343	2235		A6	139	2430	A8	135	2180	6
	11.5/80-15.3	10	TL	9		297	845	343	2473	410	A6	135	2180	A 8	131	1950	3
	11.5/80-15.3	12	TL	9		297	845	370	2473		A6	139	2430	A 8	135	2180	4
	11.5/80-15.3	14	TL	9		297	845	343	2473	410	A6	143	2725	A 8	139	2430	5
	11.5/80-15.3	18	TL	9		297	845	343	2473	410	A6	147	3075	A 8	143	2725	6
	12.5/80-15.3	14	TL	9		312	889	387	2591	425	A6	147	3075	A8	142	2650	6
	12.5/80-15.3	16	TL	9		312	889	387	2591	425	A6	150	3350	A8	146	3000	7
18.0																	
	12.5/80-18	12	TL	W9	11	307	965.2	432	2819	475	A6	148	3150	A8	142	2650	5
	12.5/80-18	16	TL	W9	11	307	965.2	432	2819	475	A6	154	3750	A8	150	3350	7

GREENEX®

GRI
WE'LL GET YOU THERE

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

	TYRE SIZE	PR	TT / TL	RIM		Unloadded inflated Dimension ± 2%		SLR	RC ± 2.5%	LOAD CAPACITY FREE ROLLING WHEEL						Inflation Pressure	LOAD CAPACITY FREE ROLLING WHEEL						Inflation Pressure
										30 kmph (20 mph) LLV			40 kmph(25MPH) LLV				30 kmph (20 mph) HLV			40 kmph(25MPH) HLV			
						SW	OD			Speed Index	Load Index	MAX. LOAD (KGS.)	Speed Index	Load Index	MAX. LOAD (KGS.)		Speed Index	Load Index	MAX. LOAD (KGS.)	Speed Index	Load Index	MAX. LOAD (KGS.)	
				Rec. inch	Alt. inch	mm	mm	mm	mm							Bar							Bar
17.0																							
	15.0/55-17	10	TL	13	13	391	850	379	2491	A6	134	2120	A8	130	1900	3	A6	141	2575	A 8	134	2120	4

TECHNICAL INFORMATION

BASIC TIRE AND RIM SPECIFICATIONS

GRI

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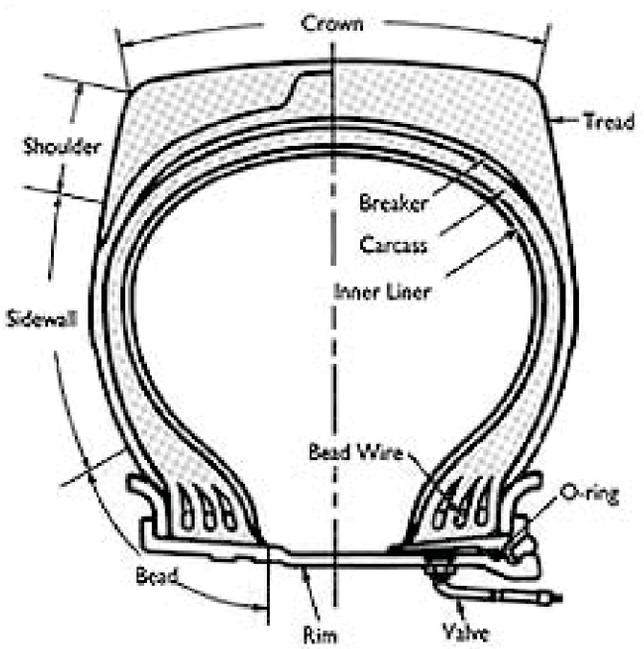
TIRE CONSTRUCTION AND COMPONENTS



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

Carcass:
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.

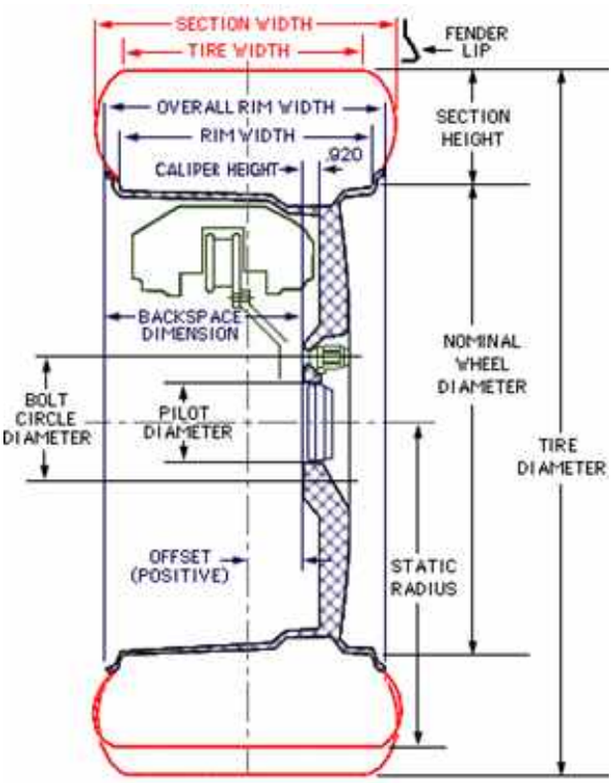
Bead:
Bead fixes the tire to the rim to support the load.

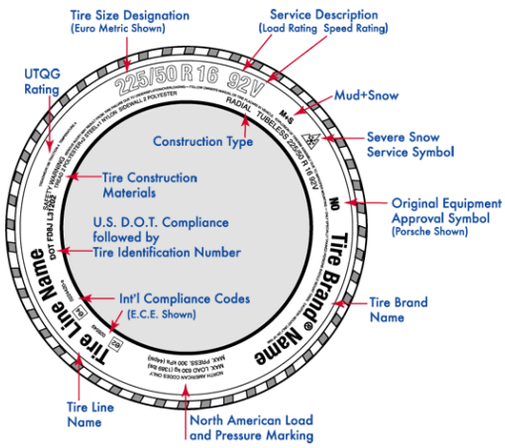
Breaker/ Belts:
It is the rubber coated layers of fabric/steel cord between the tread and the carcass, binding the two together. The breaker prevents cuts in the tread from reaching the carcass and helps absorb shocks.

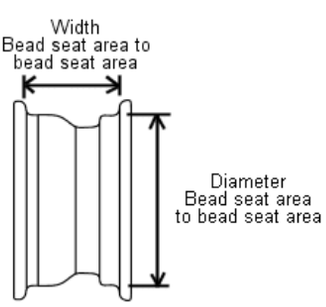
Sidewall:
The sidewall is composed of a flexible, crack-resistant rubber, and protects the carcass from damage.

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

TIRE DEFINITIONS







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, letters or design embossed on the sidewalls.

Section Height (SH)
The distance from the bead to the tread face.

$$\text{Section Height} = \frac{\text{Overall Tire Diameter} - \text{Nominal Rim Diameter}}{2}$$

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.

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; 24.00-35; 10.00-20 etc.
Radial construction: 360/70R24; 10.00R20; 26.5R25 etc.

UNITS & CONVERSIONS

PRESSURE UNITS CONVERSION TABLE

bar	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
kPa	100	150	200	250	300	350	400	450	500	550
p.s.i.	15	22	29	36	44	51	58	65	73	80

bar	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5
kPa	600	650	700	750	800	850	900	950	1 000	1 050
p.s.i.	87	94	102	109	116	123	131	138	145	152

UNITS CONVERSION TABLE

Length
1 milimeter (mm) = 0.03937"
1 inch (") = 25.4 mm = 0.0254 m
1 meter (m) = 3.281 ft
1 foot (ft) = 0.3048 m
1 kilometer (km) = 0.6214 mile
1 mile = 1609 m = 1.609 km

Mass
1 pound (lb) = 0.4536 kg
1 kilogram (kg) = 2.205 lb

Volume
1 litre (l = 0.21 gall
1 imperial gallon (imp.gal) = 4.55 l

Pressure
1 p.s.i. (lb/in2) = 6.895 kPa
1 kg/cm2 = 98.066 kPa
1 bar = 100 kPa

SPEED SYMBOL

The Speed Symbol indicates the maximum speed at which the tire can carry a load corresponding to its load index, under specified conditions.

SPEED RATING	(KM/H)	(MPH)	SPEED RATING	(KM/H)	(MPH)	SPEED RATING	(KM/H)	(MPH)
A1	5	3	D	65	40	Q	160	100
A2	10	6	E	70	43	R	170	106
A3	15	9	F	80	50	S	180	112
A4	20	12	G	90	56	T	190	118
A5	25	16	J	100	62	U	200	124
A6	30	19	K	110	68	H	210	130
A7	35	22	L	120	75	V	240	149
A8	40	25	M	130	81	W	270	168
B	50	31	N	140	87	Y	300	186
C	60	37	P	150	94	(Y)	300+	186+

LOAD INDEX

Index	Kg	Index	Kg	Index	Kg	Index	Kg	Index	Kg	Index	Kg	Index	Kg
0	45	40	140	80	450	120	1,400	160	4,500	200	14,000	240	45,000
1	46.2	41	145	81	462	121	1,450	161	5,625	201	14,500	241	46,250
2	47.5	42	150	82	475	122	1,500	162	4,750	202	15,000	242	47,500
3	48.7	43	155	83	487	123	1,550	163	5,875	203	16,000	243	48,750
4	50	44	160	84	500	124	1,600	164	5,000	204	16,000	244	50,000
5	51.5	45	165	85	515	125	1,650	165	5,150	205	16,500	245	51,500
6	53	46	170	86	530	126	1,700	166	5,300	206	17,000	246	53,000
7	54.5	47	175	87	545	127	1,750	167	5,450	207	17,500	247	54,500
8	56	48	180	88	560	128	1,800	168	5,600	208	18,000	248	56,000
9	58	49	185	89	580	129	1,850	169	5,800	209	18,500	249	58,000
10	60	50	190	90	600	130	1,900	170	6,000	210	19,000	250	60,000
11	61.5	51	195	91	615	131	1,950	171	6,150	211	19,500	251	61,500
12	63	52	200	92	630	132	2,000	172	6,300	212	20,000	252	63,000
13	65	53	206	93	650	133	2,060	173	6,500	213	20,600	253	65,000
14	67	54	212	94	670	134	2,120	174	6,700	214	21,200	254	67,000
15	69	55	218	95	690	135	2,180	175	6,900	215	21,800	255	69,000
16	71	56	224	96	610	136	2,240	176	7,100	216	22,400	256	71,000
17	73	57	230	97	730	137	2,300	177	7,300	217	23,000	257	73,000
18	75	58	236	98	750	138	2,360	178	7,500	218	23,600	258	75,000
19	77.5	59	243	99	775	139	2,430	179	7,750	219	24,300	259	77,500
20	80	60	250	100	800	140	2,500	180	8,000	220	25,000	260	80,000
21	82.5	61	257	101	825	141	2,575	181	8,250	221	25,750	261	82,500
22	85	62	265	102	850	142	2,650	182	8,500	222	26,500	262	85,000
23	87.5	63	272	103	878	143	2,725	183	8,750	223	27,250	263	87,500
24	90	64	280	104	900	144	2,800	184	9,000	224	28,000	264	90,000
25	92.5	65	290	105	925	145	2,900	185	9,250	225	29,000	265	92,500
26	95	66	300	106	950	146	3,000	186	9,500	226	30,000	266	95,000
27	97.5	67	307	107	975	147	3,075	187	9,750	227	30,750	267	97,500
28	100	68	315	108	1,000	148	3,150	188	10,000	228	31,500	268	100,000
29	103	69	325	109	1,030	149	3,250	189	10,300	229	32,500	269	103,000
30	106	70	335	110	1,060	150	3,350	190	10,600	230	33,500	270	106,000
31	109	71	345	111	1,090	151	3,450	191	10,900	231	34,500	271	109,000
32	112	72	355	112	1,120	152	3,550	192	11,200	232	35,500	272	112,000
33	115	73	365	113	1,150	153	3,650	193	11,500	233	36,500	273	115,000
34	118	74	375	114	1,180	154	3,750	194	11,800	234	37,500	274	118,000
35	121	75	387	115	1,215	155	3,875	195	12,150	235	38,750	275	121,500
36	125	76	400	116	1,250	156	4,000	196	12,500	236	40,000	276	125,000
37	128	77	412	117	1,285	157	4,125	197	12,850	237	41,250	277	128,500
38	132	78	425	118	1,320	158	4,250	198	13,200	238	42,500	278	132,000
39	136	79	437	119	1,360	159	4,375	199	13,600	239	43,750	279	136,000

CONVERSION TABLE

Tire Size Correspondences GRI						
Rim	**SRI**	**Standard Bias**	**Standard Radial**	**L Radial**	**L Radial**	**Row Crop**
			80/95	**70/75**	**65/60**	**90/95**
24	525	11.2-24	280/85R24	320/70R24		300/80R24
	550	12.4-24	320/85R24	360/70R24		340/80R24
	575	13.6-24	340/85R24	380/70R24	440/65R24*	
	600	14.9-24	380/85R24	420/70R24	480/65R24*	230/95R32*
	625	16.9-24	420/85R24	480/70R24	540/65R24*	270/95R32
28	600	12.4-28	320/85R28	360/70R28		230/95R32*
	625	13.6-28	340/85R28	380/70R28	440/65R28*	270/95R32*
	650	14.9-28	380/85R28	420/70R28	480/65R28*	
	675	16.9-28	420/85R28	480/70R28	540/65R28*	270/95R36*
30	675	14.9-30	380/85R30	420/70R30	540/65R28*	440/80R28
	700	16.9-30	420/85R30	480/70R30	540/65R30*	270/95R38*
	700				600/65R28*	
	725	18.4-30	460/85R30		600/65R30*	230/95R42*
	725		480/80R30			
34	725	14.9-34	380/85R34			480/80R34
	750	16.9-34	420/85R34	480/70R34	540/65R34*	230/95R44*
	775	18.4-34	460/85R34	520/70R34	600/65R34*	270/95R44*
36	700	12.4-36	320/85R36	480/70R30*	540/65R30*	
38	750	13.6-38	340/85R38	600/70R30*	540/65R34*	
	800	16.9-38	420/85R38	480/70R38	540/65R38*	230/95R48*
	800			600/70/R34*		
	825	18.4-38	460/85R38	520/70R38	600/65R38*	270/95R48*
	825			650/75R32*		300/95R46*
	875	20.8-38	520/85R38	580/70R38	650/65R38*	380/90R46*
42	875		480/80R42		800/65R32*	340/85R48*
	925	20.8-42	520/85R42	620/70R42	900/60R32*	300/95R52*
	925			710/70R38	650/65R42*	270/95R54
46	925	18.4-46	480/80R46			
	975	20.8-46	520/85R46	710/70R42*		
	975		650/85R38*	800/70R38*		
50	975	18.4-50	480/80R50			

Sizes in the grey shaded boxes are not available at present in GRI product range
Sizes with asterisks (*) calls for rim change

TIRE MOUNTING & REMOVAL

General instructions

Tire fitting and removal can be dangerous. Only specially trained operators using proper tools and procedures are requested to perform mounting & dismounting activity. 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 use should be ensured.
- 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 avoid the tires slippage on the rim during moments of high traction, thus eliminating the risk of shearing of the valve.
- 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) new.
- For dual fitting, use only tires of the same size & dimensions, structure and groove depth and comply with the dual spacing specified for the size used.
- 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 irreparable, 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 to be taken for not damaging 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 the flap compatibility should be as per standards.
- For TUBE TYPE tires, there should not be any air between the tire and inner tube.
- 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 ensure that the tire is centred on the rim.

Lubrication procedure

- The rim bead seat, rim flange and tire bead should be lubricated with an 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 the tire slipping on the rim. If this advice is not followed, bead damage or 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 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.
- Centre the tire on the rim. This is extremely important in order to prevent broken beads and assist the correct positioning 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 & tested pressure limitation gauges is to be used only.
- Use a filter and dehumidifier (or drier) on the compressed air line in order to avoid the entry of humidity/dirt

Steps for tire inflation

Step 1
Max inflation pressure

- 1,5 bar for tires with tire diameter 15"or less
- 1,0 bar 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 centre 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:
- 4 bar for a tire with 5 bar - bead seating pressure
- 3 bar for a tire with 3,5 bar - bead seating pressure
- 2 bar for tire with 2,5 bar - bead seating pressure

The tire must firstly be inflated to a pressure 20% higher than the service air pressure and then adjusted to service pressure.
- 5 bar for tires mounted on 15-degree rims
- 3,5 bar for Radial tractor tires
- 2,5 bar 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

- Tires should never be tried to remove in inflated conditions.
- Tire should be Deflate 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" tool to be placed 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 hold now over the flange with a tire lever and use another 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

Wrong method of transporting a tire can cause serious damage. A proper care to be taken to insure that the bead & inner part of the tire in 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 specific belts can be used.
- Forklift is recommended for transport of tires, where tire is to be lifted under tread and not on the bead.
- Complete wheels shipped from the warehouse are usually inflated to the following shipment pressures:
- 1.0 bar for tractor and garden tractor wheels
- 1.5 bar for implement wheels
- 2.0 bar for other wheels
- Above shipment pressures to be adjusted to the correct level according to the Technical Data tables, before use.

TIRE STORAGE

A 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 placed should be dry & cool.
- Tires should not be exposed for prolong duration to direct sunlight.
- Tires should be kept away from heat and ozone sources (electric motors, transformers, arc welding stations etc.), grease, petrol, volatile solvents or other substances that may deteriorate the rubber & caused 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, the position must be lug against lug.
- Tires should not be stored directly on ground for longer duration and stock should be turn over periodically.
- 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, care to be taken that there is no water or moisture inside the tire.
- Inner Tubes, O-rings and Flaps should never be hung up or suspended. It 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 got trapped between the tire and rim.

- During service tires 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.
- Under inflation results not only in incorrect tread wear but also in ply separation and eventually lead to failure of tire.
- Over inflation makes the tire stiff and decreases its resistance against hits, leading to ply tear.

ABOUT GRI

STATE-OF-THE-ART SPECIALITY TIRE FACTORY

GRI opened its advanced speciality 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 AND 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 ensures that 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 in attaining market success, both now and in the future. 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.

Business today is complex, ambiguous and uncertain – a little like life itself. To help you advance and attain your objectives, you need something that is completely the opposite. GRI tires are robustly engineered and relentlessly tested to give you assured performance, so that you can get a grip on the things that really matter.

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

GRI

WE'LL GET YOU THERE

GRI is a leading producer of Specialty Tires from Sri Lanka with offices in six countries and sales in over 50 countries around the world. GRI produces high-performance Agriculture, Construction and Material Handling Tires. GRI's state-of-the-art factory is the largest in Sri Lanka to produce specialty tires and the first to produce radial agriculture tires. Technological innovation, engineering strength and operational excellence have powered GRI through rapid growth to become a leader in specialty tires. GRI is certified in ISO 9001:2015 - Quality Management, ISO 50001: 2011 – Energy Management and ISO 14001:2004 Environmental Management.

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