

TA 110^{/85}

Tractor
Radial

PERFORMANCE INFORMATION

General purpose R1 farm front and rear tire with standard profile and tread design for high traction tractors



FEATURES

Long service life / Durability

- Strong carcass and impact ply
- Special tread compound provides high resistance against wear and cuts
- Tread profile provides high resistance against tread base fatigue and the tire maintains its traction performance even at its half-life

Ease of use

- Special tread geometry provides self cleaning
- Strong and flexible sidewall
- Perfect grip/high traction with wide footprint

Low soil compaction / Reduced slip

- Special tread structure provides high traction and less sinking at soft surfaces
- Wide footprint provides lower soil compaction
- Ensures a balanced steering by reduced slip at all surfaces

SIZES

9.5 R20 • 9.5 R24 • 280/85 R20 • 320/85 R20 • 280/85 R24 • 320/85 R24 • 340/85 R24 • 380/85 R24 • 420/85 R24
280/85 R28 • 320/85 R28 • 340/85 R28 • 380/85 R28 • 420/85 R28 • 380/85 R30 • 420/85 R30 • 460/85 R30 • 320/85 R32
380/85 R34 • 420/85 R34 • 460/85 R34 • 320/85 R36 • 340/85 R36 • 320/85 R38 • 340/85 R38 • 380/85 R38 • 420/85 R38
460/85 R38 • 460/85 R38 RF • 520/85 R38 • 520/85 R38 RF • 650/85 R38 • 520/85 R42
520/85 R42 RF • 520/85 R46

Tractor Radial • Characteristics of TA 110 /85

Tire Size	TT/TL	Load/Speed Index	Rims		Inflated Dimensions (No Load)		Inflated Dimensions (W/Load)		Inflation Pressure (psi/bar)	Load capacity per tire, kg			
			Recom (inch)	Permitted (inch)	Section Width (mm)	Outer Diameter (mm)	Dynamic Rolling Circumference (mm)	Static Loaded Radius (mm)		Speed, km/h			
										10	30	40	50
9.5 R20	TL	108 A8 / 105 B	W8	W7	242	938	2848	430	9 / 0.6	800	540	470	
									12 / 0.8	930	640	580	500
									15 / 1.0	1040	820	670	600
									17 / 1.2	1150	910	795	695
									20 / 1.4	1270	995	910	805
									23 / 1.6	1395	1075	1000	925
									26 / 1.8	1455	-	-	-
28 / 1.9	1515	-	-	-									
9.5 R24	TL	107 A8 / 104 B	W8	W7	243	1040	3135	488	9 / 0.6	820	640	-	-
									12 / 0.8	1000	735	690	-
									15 / 1.0	1055	780	755	640
									17 / 1.2	1130	855	810	725
									20 / 1.4	1240	950	885	810
									23 / 1.6	1320	1035	975	900
									26 / 1.8	1410	-	-	-
28 / 1.9	1480	-	-	-									
280/85 R20	TL	112 A8 / 109 B	W10	W9	290	989	2955	446	9 / 0.6	800	650	600	530
									12 / 0.8	950	770	710	630
									15 / 1.0	1000	880	800	750
									17 / 1.2	1225	1000	920	850
									20 / 1.4	1350	1105	1025	940
									23 / 1.6	1480	1190	1120	1030
									26 / 1.8	1560	-	-	-
28 / 1.9	1630	-	-	-									
320/85 R20	TL	119 A8 / 116 B	W11	W9-W10	319	1052	3145	472	9 / 0.6	830	790	700	650
									12 / 0.8	970	920	840	790
									15 / 1.0	1305	1050	960	900
									17 / 1.2	1480	1190	1100	1040
									20 / 1.4	1630	1310	1225	1150
									23 / 1.6	1790	1435	1360	1250
									26 / 1.8	1870	-	-	-
28 / 1.9	1950	-	-	-									

• Load capacity on recommended speed and pressure is stated with dark colour.

DESCRIPTION

* For load capacity on various speed ratings, and inflation figures, please consult your sales representative.

** Load capacity on standard speed and weight

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Tire Size	TT/TL	Load/Speed Index	Rims		Inflated Dimensions (No Load)		Inflated Dimensions (W/Load)		Inflation Pressure (psi/bar)	Load capacity per tire, kg			
			Recom (inch)	Permitted (inch)	Section Width (mm)	Outer Diameter (mm)	Dynamic Rolling Circumference (mm)	Static Loaded Radius (mm)		Speed, km/h			
										10	30	40	50
280/85 R24	TL	115 A8 / 112 B	W10	W9	290	1089	3267	495	-	-	-	-	610
									12 / 0.8	1010	830	780	720
									15 / 1.0	1176	950	880	810
									17 / 1.2	1315	1065	1000	910
									20 / 1.4	1430	1180	1105	1010
									23 / 1.6	1580	1295	1215	1120
									26 / 1.8	1620	-	-	-
28 / 1.9	1655	-	-	-									
320/85 R24	TL	122 A8 / 119 B	W11	W9-W10	327	1155	3465	515	9 / 0.6	1090	860	800	715
									12 / 0.8	1270	1010	940	840
									15 / 1.0	1450	1075	1065	980
									17 / 1.2	1620	1305	1215	1105
									20 / 1.4	1810	1440	1350	1230
									23 / 1.6	1970	1600	1500	1360
									26 / 1.8	2165	-	-	-
28 / 1.9	2230	-	-	-									
320/85 R32	TL	126 A8	W11	W9, W10	319	1357	4071	624,6	20 / 1.4	-	3165	2960	-
									22 / 1.5	3815	3320	3105	-
									23 / 1.6	4000	3480	3250	-
340/85 R24	TL	125 A8 / 122 B	W12	W11	350	1194	3555	542	9 / 0.6	1230	940	890	790
									12 / 0.8	1450	1110	1030	930
									15 / 1.0	1620	1270	1190	1080
									17 / 1.2	1860	1470	1335	1200
									20 / 1.4	2060	1600	1495	1360
									23 / 1.6	2200	1760	1650	1500
									26 / 1.8	2350	-	-	-
28 / 1.9	2460	-	-	-									
380/85 R24	TL	131 A8 / 128 B	W12	W11-W13	388	1256	3750	560	9 / 0.6	1440	1140	1070	1020
									12 / 0.8	1690	1400	1270	1160
									15 / 1.0	2020	1580	1490	1320
									17 / 1.2	2165	1750	1640	1500
									20 / 1.4	2400	1920	1785	1650
									23 / 1.6	2625	2075	1950	1800
									26 / 1.8	2780	-	-	-
28 / 1.9	2900	-	-	-									

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Tractor Radial • Characteristics of TA 110/85

Tire Size	TT/TL	Load/Speed Index	Rims		Inflated Dimensions (No Load)		Inflated Dimensions (W/Load)		Inflation Pressure (psi/bar)	Load capacity per tire, kg			
			Recom (inch)	Permitted (inch)	Section Width (mm)	Outer Diameter (mm)	Dynamic Rolling Circumference (mm)	Static Loaded Radius (mm)		Speed, km/h			
										10	30	40	50
420/85 R24	TL	137 A8 / 134 B	W15L	W13-W14L	424	1324	3958	591	9 / 0.6	1850	1550	-	-
									12 / 0.8	2300	1710	1670	1500
									15 / 1.0	2540	1950	1825	1715
									17 / 1.2	2720	2115	1970	1880
									20 / 1.4	2940	2280	2130	2090
									23 / 1.6	3150	2465	2300	2120
									26 / 1.8	3350	-	-	-
28 / 1.9	3500	-	-	-									
280/85 R28	TL	118 A8 / 115 B	W10	W9	290	1187	3560	542	9 / 0.6	990	825	700	650
									12 / 0.8	1160	930	860	800
									15 / 1.0	1320	1045	980	900
									17 / 1.2	1480	1175	1095	1020
									20 / 1.4	1625	1310	1210	1125
									23 / 1.6	1780	1410	1320	1215
									26 / 1.8	1840	-	-	-
28 / 1.9	1970	-	-	-									
320/85 R28	TL	124 A8 / 121 B	W11	W9-W10	319	1255	3752	574	9 / 0.6	1200	1000	890	800
									12 / 0.8	1400	1140	1050	950
									15 / 1.0	1620	1280	1190	1085
									17 / 1.2	1800	1430	1345	1225
									20 / 1.4	2000	1570	1470	1360
									23 / 1.6	2150	1710	1600	1450
									26 / 1.8	2230	-	-	-
28 / 1.9	2310	-	-	-									
340/85 R28	TL	127 A8 / 124 B	W12	W11	354	1287	3880	600	9 / 0.6	1325	165	980	860
									12 / 0.8	1540	1270	1150	1040
									15 / 1.0	1840	1425	1310	1185
									17 / 1.2	2040	1560	1450	1335
									20 / 1.4	2170	1720	1605	1480
									23 / 1.6	2360	1875	1750	1600
									26 / 1.8	2420	-	-	-
28 / 1.9	2530	-	-	-									

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DESCRIPTION

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Tractor Radial • Characteristics of TA 110/85

Tire Size	TT/TL	Load/Speed Index	Rims		Inflated Dimensions (No Load)		Inflated Dimensions (W/Load)		Inflation Pressure (psi/bar)	Load capacity per tire, kg			
			Recom (inch)	Permitted (inch)	Section Width (mm)	Outer Diameter (mm)	Dynamic Rolling Circumference (mm)	Static Loaded Radius (mm)		Speed, km/h			
										10	30	40	50
380/85 R28	TL	133 A8 / 130 B	W12	W11-W13	388	1355	4089	612	9 / 0.6	1580	1250	1155	1060
									12 / 0.8	1900	1430	1360	1250
									15 / 1.0	2010	1650	1550	1415
									17 / 1.2	2350	1850	1715	1580
									20 / 1.4	2550	2020	1890	1755
									23 / 1.6	2780	2205	2060	1900
									26 / 1.8	2815	-	-	-
									28 / 1.9	2910	-	-	-
420/85 R28	TL	139 A8 / 136 B	W15L	W13-W14L	418	1425	4261	635	9 / 0.6	1700	1500	1470	1300
									12 / 0.8	2300	1760	1655	1480
									15 / 1.0	2500	1985	1915	1760
									17 / 1.2	2740	2180	2035	1900
									20 / 1.4	2985	2400	2235	2085
									23 / 1.6	3280	2600	2430	2240
									26 / 1.8	3350	-	-	-
									28 / 1.9	3460	-	-	-
380/85 R30	TL	135 A8 / 132 B	W12	W11-W13	388	1404	4236	634	9 / 0.6	1600	1275	1190	1100
									12 / 0.8	1875	1480	1380	1300
									15 / 1.0	2135	1690	1570	1585
									17 / 1.2	2380	1910	1775	1720
									20 / 1.4	2620	2115	1975	1845
									23 / 1.6	2870	2325	2180	2000
									26 / 1.8	3140	-	-	-
									28 / 1.9	3360	-	-	-
420/85 R30	TL	140 A8 / 137 B	W15L	W13-W14L	420	1475	4455	660	9 / 0.6	1800	1410	1365	1215
									12 / 0.8	2140	1670	1580	1440
									15 / 1.0	2440	1940	1810	1640
									17 / 1.2	2680	2180	1990	1830
									20 / 1.4	3030	2400	2240	2070
									23 / 1.6	3340	2640	2500	2300
									26 / 1.8	3450	-	-	-
									28 / 1.9	3550	-	-	-

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Tire Size	TT/TL	Load/Speed Index	Rims		Inflated Dimensions (No Load)		Inflated Dimensions (W/Load)		Inflation Pressure (psi/bar)	Load capacity per tire, kg			
			Recom (inch)	Permitted (inch)	Section Width (mm)	Outer Diameter (mm)	Dynamic Rolling Circumference (mm)	Static Loaded Radius (mm)		Speed, km/h			
										10	30	40	50
460/85 R30	TL	145 A8 / 142 B	W16L	W14L- W15L	466	1552	4683	694	9 / 0.6	2100	1660	1540	1440
									12 / 0.8	2400	1960	1850	1550
									15 / 1.0	2815	2220	2090	1900
									17 / 1.2	3145	2510	2350	2100
									20 / 1.4	3510	2790	2625	2400
									23 / 1.6	3860	3100	2900	2650
									26 / 1.8	3985	-	-	-
									28 / 1.9	4100	-	-	-
320/85 R32	TL	126 A8	W11	W9, W10	319	1357	4071	624.6	20 / 1.4	-	1655	1545	-
									22 / 1.5	-	1730	1615	-
									23 / 1.6	-	1820	1700	-
380/85 R34	TL	137 A8 / 137 B	W12	W11-W13	391	1506	4468	674	9 / 0.6	1700	1345	1260	1260
									12 / 0.8	1975	1565	1470	1470
									15 / 1.0	2255	1795	1675	1675
									17 / 1.2	2520	2020	1875	1875
									20 / 1.4	2800	2235	2085	2085
									23 / 1.6	3060	2445	2300	
									26 / 1.8	3320	-	-	-
									28 / 1.9	3500	-	-	-
420/85 R34	TL	142 A8 / 139 B	W15L	W13- W14L	420	1580	4750	715	9 / 0.6	2070	1555	1455	1330
									12 / 0.8	2350	1815	1695	1565
									15 / 1.0	2625	2070	1935	1740
									17 / 1.2	2910	2330	2170	2000
									20 / 1.4	3210	2585	2410	2220
									23 / 1.6	3535	2835	2650	2430
									26 / 1.8	3840	-	-	-
									28 / 1.9	4000	-	-	-
460/85 R34	TL	147 A8 / 144 B	W16L	W14L- W15L	466	1653	4965	750	9 / 0.6	2250	1805	1680	1490
									12 / 0.8	2620	2095	1950	1785
									15 / 1.0	2985	2400	2230	2040
									17 / 1.2	3320	2700	2525	2285
									20 / 1.4	3740	2985	2790	2540
									23 / 1.6	4115	3290	3075	2800
									26 / 1.8	4365	-	-	-
									28 / 1.9	4475	-	-	-

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Tire Size	TT/TL	Load/Speed Index	Rims		Inflated Dimensions (No Load)		Inflated Dimensions (W/Load)		Inflation Pressure (psi/bar)	Load capacity per tire, kg			
			Recom (inch)	Permitted (inch)	Section Width (mm)	Outer Diameter (mm)	Dynamic Rolling Circumference (mm)	Static Loaded Radius (mm)		Speed, km/h			
										10	30	40	50
320/85 R36	TL	128 A8 / 125 B	W11	W9-W10	328	1457	4364	671	9 / 0.6	1290	1045	975	900
									12 / 0.8	1515	1200	1125	1045
									15 / 1.0	1750	1380	1305	1190
									17 / 1.2	1970	1545	1470	1320
									20 / 1.4	2190	1750	1630	1485
									23 / 1.6	2405	1920	1800	1650
									26 / 1.8	2490	-	-	-
									28 / 1.9	2590	-	-	-
340/85 R36	TL	132 A8 / 129 B	W12	W11	352	1496	4482	685	9 / 0.6	1455	1140	1090	1010
									12 / 0.8	1690	1350	1270	1170
									15 / 1.0	1940	1565	1450	1345
									17 / 1.2	2180	1745	1625	1500
									20 / 1.4	2400	1935	1810	1650
									23 / 1.6	2630	2130	2000	1850
									26 / 1.8	2720	-	-	-
									28 / 1.9	2790	-	-	-
320/85 R38	TL	143A8 / 143 B	W10	W9-W11-DW11	315	1510	4515	698	9 / 0.6	1590	1300	-	-
									12 / 0.8	2015	1645	1550	-
									15 / 1.0	2180	1790	1685	1685
									17 / 1.2	2370	1935	1825	1825
									20 / 1.4	2580	2105	1980	1980
									23 / 1.6	2690	2195	2070	2070
									26 / 1.8	2795	2280	2150	2150
									28 / 1.9	2900	2370	2235	2235
									29 / 2.0	3040	2485	2340	2340
									35 / 2.4	3540	2890	2725	2725
340/85 R38	TL	133 A8 / 130 B	W12	W11	354	1555	4675	715	9 / 0.6	1500	1200	1125	990
									12 / 0.8	1750	1410	1310	1200
									15 / 1.0	2000	1590	1490	1380
									17 / 1.2	2245	1800	1675	1545
									20 / 1.4	2520	2005	1865	1720
									23 / 1.6	2750	2200	2060	1900
									26 / 1.8	2835	-	-	-
									28 / 1.9	2920	-	-	-

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Tire Size	TT/TL	Load/Speed Index	Rims		Inflated Dimensions (No Load)		Inflated Dimensions (W/Load)		Inflation Pressure (psi/bar)	Load capacity per tire, kg			
			Recom (inch)	Permitted (inch)	Section Width (mm)	Outer Diameter (mm)	Dynamic Rolling Circumference (mm)	Static Loaded Radius (mm)		Speed, km/h			
										10	30	40	50
380/85 R38	TL	139 A8 / 136 B	W12	W11- W13	388	1612	4833	742	9 / 0.6	2180	1700	1540	1420
									12 / 0.8	2380	1870	1760	1600
									15 / 1.0	2630	2040	1930	1710
									17 / 1.2	2830	2200	2080	1900
									20 / 1.4	3070	2410	2250	2020
									23 / 1.6	3300	2585	2430	2240
									26 / 1.8	3445	-	-	-
									28 / 1.9	3545	-	-	-
420/85 R38	TL	144 A8 / 141 B	W15L	W13- W14L	430	1675	5042	762	9 / 0.6	2200	1645	1540	1425
									12 / 0.8	2480	1915	1800	1670
									15 / 1.0	2775	2190	2050	1895
									17 / 1.2	3070	2460	2300	2145
									20 / 1.4	3390	2730	2550	2365
									23 / 1.6	3725	3000	2800	2575
									26 / 1.8	4030	-	-	-
									28 / 1.9	4230	-	-	-
460/85 R38	TL	149 A8 / 146 B	W16L	W14L- W15L	466	1747	5270	805	9 / 0.6	2380	1900	1780	1640
									12 / 0.8	2700	2200	2060	1880
									15 / 1.0	3170	2425	2370	2120
									17 / 1.2	3520	2835	2650	2450
									20 / 1.4	3935	3140	2950	2710
									23 / 1.6	4350	3460	3250	2960
									26 / 1.8	4630	-	-	-
									28 / 1.9	4750	-	-	-
460/85 R38 REINFORCED	TL	149 A8 / 146 B	W16L	W14L- W15L	466	1747	5270	805	9 / 0.6	2380	1900	1780	1640
									12 / 0.8	2700	2200	2060	1880
									15 / 1.0	3170	2425	2370	2120
									17 / 1.2	3520	2835	2650	2450
									20 / 1.4	3935	3140	2950	2710
									23 / 1.6	4350	3460	3250	3000
									26 / 1.8	4630	-	-	-
									28 / 1.9	4750	-	-	-

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			Recom (inch)	Permitted (inch)	Section Width (mm)	Outer Diameter (mm)	Dynamic Rolling Circumference (mm)	Static Loaded Radius (mm)		Speed, km/h			
										10	30	40	50
520/85 R38	TL	155 A8 / 152 B	DW16L	DW18L	516	1849	5529	828	9 / 0.6	3000	2300	2120	1970
									12 / 0.8	3450	2655	2500	2290
									15 / 1.0	3850	3050	2825	2600
									17 / 1.2	4255	3450	3170	2925
									20 / 1.4	4710	3790	3520	3250
									23 / 1.6	5150	4145	3875	3550
									26 / 1.8	5550	-	-	-
28 / 1.9	5825	-	-	-									
520/85 R38 REINFORCED	TL	155 A8	DW16L DD16L	DW18L	516	1849	5547	837	25 / 1.7	-	3865	3615	-
									28 / 1.9	-	4055	3790	-
									30 / 2.0	-	4145	3875	-
650/85 R38	TL	173 A8 / 173 B	DW23B	DW20B DW21B	680	2065	6095	922	9 / 0.6	4500	3400	3200	-
									12 / 0.8	5670	4380	4095	-
									15 / 1.0	6390	4935	4615	4615
									17 / 1.2	-	5215	4875	4875
									20 / 1.4	7020	5420	5070	5070
									23 / 1.6	7470	5770	5395	5395
									26 / 1.8	7920	6120	5720	5720
									28 / 1.9	8100	6255	5850	5850
									29 / 2.0	8280	6395	5980	5980
									35 / 2.4	9000	6955	6500	6500
520/85 R42	TL	157 A8 / 157 B	DW18L	DW16L	537	1950	5850	875	9 / 0.6	3200	2400	2260	2260
									12 / 0.8	3500	2815	2610	2610
									15 / 1.0	4070	3200	2990	2990
									17 / 1.2	4510	3605	3375	3375
									20 / 1.4	5015	4015	3745	3745
									23 / 1.6	5500	4400	4125	4125
									26 / 1.8	5865	-	-	-
28 / 1.9	6150	-	-	-									

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Tractor Radial • Characteristics of TA 110 /85

Tire Size	TT/TL	Load/Speed Index	Rims		Inflated Dimensions (No Load)		Inflated Dimensions (W/Load)		Inflation Pressure (psi/bar)	Load capacity per tire, kg			
			Recom (inch)	Permitted (inch)	Section Width (mm)	Outer Diameter (mm)	Dynamic Rolling Circumference (mm)	Static Loaded Radius (mm)		Speed, km/h			
										10	30	40	50
520/85 R42 REINFORCED	TL	162 A8 / 162 B	DW18L	DW16L	537	1950	5850	875	9 / 0.6	3470	2860	-	-
									12 / 0.8	3895	3205	2995	2995
									15 / 1.0	4285	3530	3300	3300
									17 / 1.2	4650	3825	3575	3575
									20 / 1.4	5100	4100	3840	3840
									23 / 1.6	5650	4500	4200	4200
									29 / 2.0	5925	4900	4520	4520
									35 / 2.4	6400	5150	4750	4750
44 / 3.0	7170	-	-	-									
520/85 R46	TL	158 A8 / 155 B	DW16L	DW18L	516	2050	6090	922	9 / 0.6	3300	2500	2300	-
									12 / 0.8	3740	2900	2690	2470
									15 / 1.0	4250	3470	3280	3000
									17 / 1.2	4650	3800	3525	3210
									20 / 1.4	5050	4160	3900	3580
									23 / 1.6	5465	4550	4250	3875
									26 / 1.8	6025	-	-	-
									28 / 1.9	6365	-	-	-

• Load capacity on recommended speed and pressure is stated with dark colour.



DESCRIPTION

* For load capacity on various speed ratings, and inflation figures, please consult your sales representative.

** Load capacity on standard speed and weight

- Our company is entitled to make any change on any information in this catalogue, without further notice.
- This catalogue annuls all the previous catalogues
- All figures are for reference; our company is not responsible for printing errors.

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