

# TA 110<sup>/70</sup>

Tractor  
Radial

## PERFORMANCE INFORMATION

General purpose R1W 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

200/70 R16 • 240/70 R16 • 260/70 R16 • 280/70 R16 • 280/70 R18 • 260/70 R20 • 280/70 R20 • 300/70 R20 • 320/70 R20  
360/70 R20 • 380/70 R20 • 320/70 R24 • 360/70 R24 • 380/70 R24 • 420/70 R24 • 480/70 R24 • 480/70 R26 • 320/70 R28  
360/70 R28 • 380/70 R28 • 420/70 R28 • 420/70 R30 • 480/70 R28 • 480/70 R30 • 520/70 R30 • 480/70 R34 • 520/70 R34  
480/70 R38 • 520/70 R38 • 580/70 R38 • 580/70 R42

## Tractor Radial • Characteristics of TA 110 /70

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
200/70 R16	TL	94 A8 / 94 B	W6	W7	197	691	2050	312	9/0.6	410	360	-	-
									12/0.8	520	395	370	-
									15/1.0	565	435	405	405
									17/1.2	610	475	445	445
									20/1.4	655	515	480	480
									23/1.6	700	550	515	515
									26/1.8	745	595	555	555
									28/1.9	745	595	555	555
									29/2.0	790	635	595	595
									32 / 2.2	840	675	630	630
								<b>35 / 2.4</b>	890	715	<b>670</b>	670	
240/70 R16	TL	104 A8 / 101 B	W8	W8L-W9	244	742	2219	334	9 / 0.6	-	450	-	-
									12 / 0.8	650	500	470	-
									15 / 1.0	720	550	530	350
									17 / 1.2	780	610	570	400
									20 / 1.4	845	660	600	480
									23 / 1.6	900	690	640	540
									26 / 1.8	945	740	680	600
									28 / 1.9	980	775	720	680
									29 / 2.0	1030	820	775	735
									32 / 2.2	1100	900	830	780
								<b>35 / 2.4</b>	1160	960	<b>900</b>	825	
260/70 R16	TL	109 A8 / 106 B	W8	W8L-W9	258	770	2302	345	9 / 0.6	600	535	-	-
									12 / 0.8	750	575	530	-
									15 / 1.0	820	630	590	500
									17 / 1.2	890	685	640	570
									20 / 1.4	960	750	700	630
									23 / 1.6	1010	800	740	680
									26 / 1.8	1050	840	790	730
									28 / 1.9	1090	885	820	780
									29 / 2.0	1130	955	900	840
									32 / 2.2	1240	1035	965	900
								<b>35 / 2.4</b>	1320	1090	<b>1030</b>	950	

\* 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
280/70 R16	TL	112 A8 / 112 B	W9	W8-W8L W10	282	805	2390	358	9 / 0.6	660	580	-	-
									12 / 0.8	850	650	600	-
									15 / 1.0	920	710	670	670
									17 / 1.2	1000	760	720	720
									20 / 1.4	1050	840	780	780
									23 / 1.6	1130	900	840	840
									26 / 1.8	1170	940	880	880
									28 / 1.9	1210	980	920	920
									29 / 2.0	1300	1040	960	960
									32 / 2.2	1370	1110	1050	1050
								<b>35 / 2.4</b>	1460	1190	<b>1120</b>	1120	
280/70 R18	TL	114 A8 / 114 B	W9	W8-W10	282	846	2540	384	9 / 0.6	700	600	-	-
									12 / 0.8	880	660	620	-
									15 / 1.0	960	740	700	700
									17 / 1.2	1040	810	750	750
									20 / 1.4	1110	880	820	820
									23 / 1.6	1210	950	890	890
									26 / 1.8	1260	1000	940	940
									28 / 1.9	1300	1030	970	970
									29 / 2.0	1370	1110	1030	1030
									32 / 2.2	1460	1170	1090	1090
								<b>35 / 2.4</b>	1540	1250	<b>1180</b>	1180	
260/70 R20	TL	113 A8 / 113 B	W8	W9-9	258	880	2635	397	9 / 0.6	700	610	-	-
									12 / 0.8	930	725	660	-
									15 / 1.0	1010	780	730	730
									17 / 1.2	1090	860	810	810
									20 / 1.4	1190	920	860	860
									23 / 1.6	1240	980	920	920
									26 / 1.8	1270	1010	950	950
									28 / 1.9	1340	1050	980	980
									29 / 2.0	1430	1125	1040	1040
									32 / 2.2	1510	1160	1080	1080
								<b>35 / 2.4</b>	1550	1230	<b>1150</b>	1150	

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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
280/70 R20	TL	116 A8 / 116 B	W9	W10	282	912	2736	416	9 / 0.6	-	-	-	-
									12 / 0.8	930	750	710	-
									15 / 1.0	1080	840	780	780
									17 / 1.2	1140	900	840	840
									20 / 1.4	1270	1000	915	915
									23 / 1.6	1320	1040	970	970
									26 / 1.8	1400	1100	1030	1030
									28 / 1.9	1480	1160	1075	1075
									29 / 2.0	1510	1200	1120	1120
									32 / 2.2	1580	1260	1180	1180
								<b>35 / 2.4</b>	1640	1330	<b>1250</b>	1250	
300/70 R20	TL	110 A8 / 110 B	W9	W10	290	954	2811	435	9 / 0.6	820	730	-	-
									12 / 0.8	1040	800	750	-
									15 / 1.0	1155	880	830	830
									17 / 1.2	1240	970	900	900
									20 / 1.4	1300	1040	970	970
									<b>23 / 1.6</b>	1420	1120	<b>1060</b>	1060
									26 / 1.8	1490	-	-	-
									28 / 1.9	1555	-	-	-
320/70 R20	TL	113 A8 / 113 B	W10	W9-W11	319	983	2919	442	9 / 0.6	790	790	735	735
									12 / 0.8	850	850	825	825
									15 / 1.0	940	940	890	890
									17 / 1.2	1020	1020	935	935
									20 / 1.4	1110	1110	1050	1050
									<b>23 / 1.6</b>	1230	1230	<b>1150</b>	1150
									26 / 1.8	1280	-	-	-
									28 / 1.9	1340	-	-	-

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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
360/70 R20	TL	120 A8 / 117 B	W11	W10-W12	357	1042	3116	463	9 / 0.6	960	960	900	835
									12 / 0.8	1050	1050	950	880
									15 / 1.0	1170	1170	1060	970
									17 / 1.2	1275	1275	1150	1060
									20 / 1.4	1370	1370	1270	1155
									<b>23 / 1.6</b>	1490	1490	<b>1400</b>	1285
									26 / 1.8	1560	-	-	-
									28 / 1.9	1625	-	-	-
380/70 R20	TL	132 A8 / 132 B	W12	W11-W13	380	1082	3246	484	29 / 2.0	-	1990	1860	1860
									32 / 2.2	-	2060	1930	1930
									<b>35 / 2.4</b>	-	2140	<b>2000</b>	2000
320/70 R24	TL	116 A8 / 113 B	W10	W9-W11	319	1094	3271	494	9 / 0.6	1040	840	-	-
									12 / 0.8	1200	930	880	800
									15 / 1.0	1295	1030	935	875
									17 / 1.2	1400	1140	1040	980
									20 / 1.4	1540	1230	1130	1080
									<b>23 / 1.6</b>	1680	1330	<b>1250</b>	1150
									26 / 1.8	1750	-	-	-
									28 / 1.9	1815	-	-	-
360/70 R24	TL	122 A8 / 119 B	W11	W10-W12	357	1152	3433	517	9 / 0.6	1110	930	790	715
									12 / 0.8	1250	1090	930	835
									15 / 1.0	1500	1160	1050	945
									17 / 1.2	1640	1300	1200	1080
									20 / 1.4	1790	1450	1330	1200
									<b>23 / 1.6</b>	2030	1605	<b>1500</b>	1360
									26 / 1.8	2170	-	-	-
									28 / 1.9	2270	-	-	-
380/70 R24	TL	125 A8 / 125 B	W12	W11-W13	380	1190	3562	538	9 / 0.6	1200	955	870	800
									12 / 0.8	1400	1075	1040	930
									15 / 1.0	1590	1235	1195	1070
									17 / 1.2	1790	1400	1330	1190
									20 / 1.4	2010	1580	1485	1320
									<b>23 / 1.6</b>	2200	1710	<b>1650</b>	1500
									26 / 1.8	2330	-	-	-
									28 / 1.9	2410	-	-	-

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# Tractor Radial • Characteristics of TA 110/70

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
420/70 R24	TL	130 A8 / 127 B	W13	W12-W14L	418	1248	3732	554	9 / 0.6	1390	1100	1030	945
									12 / 0.8	1600	1300	1200	1080
									15 / 1.0	1840	1450	1370	1270
									17 / 1.2	2075	1630	1530	1400
									20 / 1.4	2300	1845	1720	1540
									<b>23 / 1.6</b>	2480	2030	<b>1900</b>	1750
									26 / 1.8	2620	-	-	-
28 / 1.9	2750	-	-	-									
480/70 R24	TL	138 A8 / 135 B	W15L	W14L-W16L	478	1295	3885	576	9 / 0.6	1730	1370	1300	1100
									12 / 0.8	2000	1580	1500	1290
									15 / 1.0	2280	1820	1780	1550
									17 / 1.2	2565	2040	1940	1760
									20 / 1.4	2860	2290	2150	1970
									<b>23 / 1.6</b>	3180	2515	<b>2360</b>	2180
									26 / 1.8	3300	-	-	-
28 / 1.9	3395	-	-	-									
480/70 R26	TL	139 A8 / 136 B	W15L	W14L-W16L	478	1365	4080	619	9 / 0.6	1980	1515	1300	1220
									12 / 0.8	2280	1715	1560	1425
									15 / 1.0	2480	1895	1775	1615
									17 / 1.2	2780	2130	1980	1810
									20 / 1.4	3030	2340	2200	2000
									<b>23 / 1.6</b>	3280	2580	<b>2430</b>	2240
									26 / 1.8	3500	-	-	-
28 / 1.9	3700	-	-	-									
320/70 R28	TL	119 A8 / 116 B	W10	W9-W11	319	1189	3555	547	9 / 0.6	1190	940	880	800
									12 / 0.8	1300	1035	970	880
									15 / 1.0	1430	1135	1000	960
									17 / 1.2	1570	1210	1135	1050
									20 / 1.4	1700	1340	1240	1135
									<b>23 / 1.6</b>	1800	1450	<b>1360</b>	1250
									26 / 1.8	1910	-	-	-
28 / 1.9	2030	-	-	-									

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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
360/70 R28	TL	125 A8 / 122 B	W11	W10-W12	351	1248	3780	570	9 / 0.6	1200	940	880	800
									12 / 0.8	1420	1120	1040	960
									15 / 1.0	1590	1260	1190	1080
									17 / 1.2	1810	1430	1340	1230
									20 / 1.4	2010	1590	1500	1340
									<b>23 / 1.6</b>	2240	1760	<b>1650</b>	1500
									26 / 1.8	2360	-	-	-
									28 / 1.9	2440	-	-	-
380/70 R28	TL	127 A8 / 127 B	W12	W11-W13	377	1290	3888	586	9 / 0.6	1250	1015	940	860
									12 / 0.8	1480	1180	1160	1000
									15 / 1.0	1715	1350	1280	1150
									17 / 1.2	1915	1520	1420	1320
									20 / 1.4	2100	1720	1590	1470
									<b>23 / 1.6</b>	2340	1875	<b>1750</b>	1600
									26 / 1.8	2470	-	-	-
									28 / 1.9	2550	-	-	-
420/70 R28	TL	133 A8 / 133 B	W13	W12-W14L	413	1358	4033	610	9 / 0.6	1530	1215	1100	1015
									12 / 0.8	1790	1420	1330	1220
									15 / 1.0	2070	1630	1520	1410
									17 / 1.2	2270	1825	1710	1490
									20 / 1.4	2540	2015	1890	1740
									<b>23 / 1.6</b>	2750	2205	<b>2060</b>	1900
									26 / 1.8	2910	-	-	-
									28 / 1.9	2990	-	-	-
480/70 R28	TL	140 A8 / 140 B	W15L	W14L-W16L	476	1423	4200	637	9 / 0.6	1835	1500	1370	1240
									12 / 0.8	2145	1700	1600	1475
									15 / 1.0	2450	1960	1820	1680
									17 / 1.2	2760	2195	2050	1885
									20 / 1.4	3045	2450	2275	2090
									<b>23 / 1.6</b>	3325	2675	<b>2500</b>	2300
									26 / 1.8	3525	-	-	-
									28 / 1.9	3725	-	-	-

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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
420/70 R30	TL	134 A8 / 131 B	W13	W12- W14L	418	1398	4166	630	9 / 0.6	1535	1240	1140	-
									12 / 0.8	1820	1450	1365	1240
									15 / 1.0	2080	1670	1540	1425
									17 / 1.2	2350	1860	1740	1600
									20 / 1.4	2595	2075	1935	1780
									<b>23 / 1.6</b>	2830	2270	<b>2120</b>	1950
									26 / 1.8	3055	-	-	-
									28 / 1.9	3255	-	-	-
480/70 R30	TL	141 A8 / 138 B	W15L	W14L- W16L	478	1478	4389	660	9 / 0.6	1900	1515	-	-
									12 / 0.8	2200	1675	1680	1520
									15 / 1.0	2530	2010	1870	1700
									17 / 1.2	2850	2280	2125	1950
									20 / 1.4	3130	2525	2355	2130
									<b>23 / 1.6</b>	3460	2750	<b>2575</b>	2360
									26 / 1.8	3630	-	-	-
									28 / 1.9	3755	-	-	-
520/70 R30	TL	145 A8 / 142 B	W16L	W15L- W18L	516	1536	4560	683	9 / 0.6	2100	2000	1900	1720
									12 / 0.8	2340	2205	2070	1900
									15 / 1.0	2785	2460	2290	-
									17 / 1.2	3010	2600	2500	2270
									20 / 1.4	3130	2805	2680	2440
									<b>23 / 1.6</b>	3320	3100	<b>2900</b>	2650
									26 / 1.8	3510	-	-	-
									28 / 1.9	3630	-	-	-
480/70 R34	TL	143 A8 / 140 B	W15L	W14L- W16L	478	1580	4708	712	9 / 0.6	2100	1900	-	-
									12 / 0.8	2650	2125	1985	-
									15 / 1.0	2980	2330	2175	-
									17 / 1.2	3190	2545	2370	2065
									20 / 1.4	3420	2770	2540	2285
									<b>23 / 1.6</b>	3600	2915	<b>2725</b>	2500
									26 / 1.8	3820	-	-	-
									28 / 1.9	4010	-	-	-

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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
520/70 R34	TL	148 A8 / 145 B	W16L	W15L- W18L	516	1640	4920	737	9 / 0.6	2400	1925	1800	1600
									12 / 0.8	2850	2290	2180	1900
									15 / 1.0	3180	2520	2370	2205
									17 / 1.2	3540	2830	2600	2470
									20 / 1.4	3910	3095	2870	2700
									<b>23 / 1.6</b>	4280	3370	<b>3150</b>	2900
									26 / 1.8	4480	-	-	-
28 / 1.9	4660	-	-	-									
480/70 R38	TL	145 A8 / 142 B	W15L	W14L- W16L	478	1681	4990	762	9 / 0.6	2200	1850	1600	1510
									12 / 0.8	2530	2110	1950	1750
									15 / 1.0	2925	2325	2180	1980
									17 / 1.2	3240	2600	2420	2240
									20 / 1.4	3600	2845	2660	2500
									<b>23 / 1.6</b>	3910	3105	<b>2900</b>	2650
									26 / 1.8	4160	-	-	-
28 / 1.9	4280	-	-	-									
520/70 R38	TL	150 A8 / 147 B	W16L	W15L- W18L	516	1749	5212	789	9 / 0.6	2700	2080	1850	1730
									12 / 0.8	2980	2350	2240	2035
									15 / 1.0	3395	2660	2530	2260
									17 / 1.2	3750	2970	2780	2530
									20 / 1.4	4130	3250	3040	2820
									<b>23 / 1.6</b>	4500	3585	<b>3350</b>	3075
									26 / 1.8	4760	-	-	-
28 / 1.9	4880	-	-	-									
580/70 R38	TL	155 A8 / 152 B	W18L	-	577	1827	5463	819	9 / 0.6	3070	2360	2120	1960
									12 / 0.8	3530	2750	2490	2290
									15 / 1.0	4000	3100	2830	2570
									17 / 1.2	4340	3500	3165	2920
									20 / 1.4	4800	3800	3515	3245
									<b>23 / 1.6</b>	5200	4135	<b>3875</b>	3550
									26 / 1.8	5550	-	-	-
28 / 1.9	5810	-	-	-									
580/70 R42	TL	158 A8	W12	W11	577	1879	5637	858.8	20 / 1.4	-	4140	3870	-
									22 / 1.5	-	4320	4040	-
									<b>23 / 1.6</b>	-	4550	<b>4250</b>	-

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