



# TDR 700

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## New Product Release Document

Marketing Department.  
June 04, 2021

This document is created to register the marketing communication collaterals and process details for the launch of the above-mentioned pattern; it is intended for internal circulation and approval for further dissemination. All facts and figures mentioned in the document is true to the best of our knowledge as on the above said date, for updated information please feel free to visit the website [www.ascensotyres.com](http://www.ascensotyres.com)

New Product Release Document

**Release Month:** APRIL'21

**Brand:** ASCENSO

**Tread Pattern :** TDR 700

**Tyre Construction:** Radial

**Type:** Tube Less

**Main Applications:** 4WD Tractor

**TRA Code :** R-1W



List of Sizes

Size	LSI
360/70R20	129 D
380/70R20	122 D
320/70R24	116 D
360/70R24	122 D
380/70R24	125 D
420/70R24	130 D
480/70R24	138 D
360/70R28	125 D
380/70R28	127 D
420/70R28	133 D
480/70R28	140 D
420/70R30	134 D
480/70R30	141 D
480/70R34	143 D
520/70R34	148 D
480/70R38	145 D
520/70R38	150 D
580/70R38	155 D
580/70R38	180 D

## Salient Features

### Tractor tyres designed with a unique mud breaker:

- Low soil compaction
- High traction
- Excellent driving experience



# Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Load Index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Mixed application											
								Bar	Static	10	25	30	40	50	65				
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
in	in	in	in	in	in	in	Psi	Static	6	16	19	25	31	40	50	65			
360/70R20	W11	357 14.06	1042 41.02	474 18.66	3116 122.68	129 D	1.2	2550	1670	1320	1280	1220	1170	1110					
							17	5620	3680	2910	2820	2690	2580	2440					
							1	2830	1850	1460	1410	1350	1290	1230					
							20	6230	4070	3220	3110	2970	2840	2710					
							1.7	3270	2130	1680	1630	1550	1490	1420					
							25	7200	4690	3700	3590	3410	3280	3130					
							2.1	3840	2510	1980	1920	1830	1750	1670					
							30	8460	5530	4360	4230	4030	3850	3680					
							2.4	4260	2780	2190	2130	2030	1940	1850					
							35	9380	6120	4820	4690	4470	4270	4070					
380/70R20	W12	380 15.0	1082 42.6	491 19.3	3236 127.4	122 D	0.8	2190	1430	1130	1090	1040	1000	950					
							12	4820	3150	2490	2400	2290	2200	2090					
							1	2480	1620	1280	1240	1180	1130	1080					
							15	5460	3570	2820	2730	2600	2490	2380					
							1.2	2810	1830	1450	1400	1340	1280	1220					
							17	6190	4030	3190	3080	2950	2820	2690					
							1.4	3130	2040	1610	1560	1490	1430	1360					
							20	6890	4490	3550	3440	3280	3150	3000					
							1.6	3450	2250	1780	1730	1640	1580	1500					
							23	7600	4960	3920	3810	3610	3480	3300					
320/70R 24	W10	319 12.6	1094 43.1	505 19.9	3272 128.8	116 D	0.8	1860	1220	960	930	890	850	810					
							12	4100	2690	2110	2050	1960	1870	1780					
							1	2120	1380	1090	1060	1010	970	920					
							15	4670	3040	2400	2330	2220	2140	2030					
							1.2	2370	1550	1220	1180	1130	1080	1030					
							17	5220	3410	2690	2600	2490	2380	2270					
							1.4	2620	1710	1350	1310	1250	1200	1140					
							20	5770	3770	2970	2890	2750	2640	2510					
							<b>1.6</b>	2880	1880	1480	1440	1370	1310	<b>1250</b>					
							<b>23</b>	6340	4140	3260	3170	3020	2890	<b>2750</b>					
360/70R 24	W11	357 14.1	1152 45.4	529 20.8	3446 135.7	122 D	0.8	2190	1430	1130	1090	1040	1000	950					
							12	4820	3150	2490	2400	2290	2200	2090					
							1	2480	1620	1280	1240	1180	1130	1080					
							15	5460	3570	2820	2730	2600	2490	2380					
							1.2	2810	1830	1450	1400	1340	1280	1220					
							17	6190	4030	3190	3080	2950	2820	2690					
							1.4	3130	2040	1610	1560	1490	1430	1360					
							20	6890	4490	3550	3440	3280	3150	3000					
							<b>1.6</b>	3450	2250	1780	1730	1640	1580	<b>1500</b>					
							<b>23</b>	7600	4960	3920	3810	3610	3480	<b>3300</b>					

# Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Load Index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Mixed application						
								Bar	Static	10	25	30	40	50
		mm	mm	mm	mm		Psi		6	16	19	25	31	40
		in	in	in	in									
380/70R 24	W12	380 15.0	1190 46.9	545 21.5	3560 140.2	125 D	0.8	2420	1580	1240	1210	1150	1100	1050
							12	5330	3480	2730	2670	2530	2420	2310
							1	2760	1800	1420	1380	1310	1260	1200
							15	6080	3960	3130	3040	2890	2780	2640
							1.2	3110	2030	1600	1550	1480	1420	1350
							17	6850	4470	3520	3410	3260	3130	2970
							1.4	3450	2250	1780	1730	1640	1580	1500
							20	7600	4960	3920	3810	3610	3480	3300
							<b>1.6</b>	3800	2480	1960	1900	1810	1730	<b>1650</b>
							<b>23</b>	8370	5460	4320	4190	3990	3810	<b>3630</b>
420/70R 24	W13	418 16.5	1248 49.1	569 22.4	3733 147.0	130 D	0.8	2810	1830	1450	1400	1340	1280	1220
							12	6190	4030	3190	3080	2950	2820	2690
							1	3200	2090	1650	1600	1520	1460	1390
							15	7050	4600	3630	3520	3350	3220	3060
							1.2	3590	2340	1850	1790	1710	1640	1560
							17	7910	5150	4070	3940	3770	3610	3440
							1.4	3980	2600	2050	1990	1890	1820	1730
							20	8770	5730	4520	4380	4160	4010	3810
							<b>1.6</b>	4370	2850	2250	2190	2080	2000	<b>1900</b>
							<b>23</b>	9630	6280	4960	4820	4580	4410	<b>4190</b>
480/70R 24	W15	479 18.9	1316 51.8	597 23.5	3936 155.0	138 D	0.8	3470	2270	1790	1740	1650	1590	1510
							12	7640	5000	3940	3830	3630	3500	3330
							1	3960	2580	2040	1980	1880	1810	1720
							15	8720	5680	4490	4360	4140	3990	3790
							1.2	4460	2910	2300	2230	2120	2040	1940
							17	9820	6410	5070	4910	4670	4490	4270
							1.4	4950	3230	2550	2470	2350	2260	2150
							20	10900	7110	5620	5440	5180	4980	4740
							<b>1.6</b>	5430	3540	2800	2710	2580	2480	<b>2360</b>
							<b>23</b>	11960	7800	6170	5970	5680	5460	<b>5200</b>
360/70R 28	W11	357 14.1	1251 49.3	579 22.8	3742 147.3	125 D	0.8	2420	1580	1240	1210	1150	1100	1050
							12	5330	3480	2730	2670	2530	2420	2310
							1	2760	1800	1420	1380	1310	1260	1200
							15	6080	3960	3130	3040	2890	2780	2640
							1.2	3110	2030	1600	1550	1480	1420	1350
							17	6850	4470	3520	3410	3260	3130	2970
							1.4	3450	2250	1780	1730	1640	1580	1500
							20	7600	4960	3920	3810	3610	3480	3300
							<b>1.6</b>	3800	2480	1960	1900	1810	1730	<b>1650</b>
							<b>23</b>	8370	5460	4320	4190	3990	3810	<b>3630</b>

# Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Load Index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Mixed application										
								Bar	Static	10	25	30	40	50	65			
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
in	in	in	in	in	in	in	Psi	Static	6	16	19	25	31	40	40	40	40	40
380/70R 28	W12	380 15.0	1293 50.9	596 23.5	3868 152.3	127 D	0.8	2550	1670	1320	1280	1220	1170	1110				
							12	5620	3680	2910	2820	2690	2580	2440				
							1	2920	1910	1500	1460	1390	1330	1270				
							15	6430	4210	3300	3220	3060	2930	2800				
							1.2	3290	2150	1690	1640	1570	1500	1430				
							17	7250	4740	3720	3610	3460	3300	3150				
							1.4	3660	2390	1880	1830	1740	1670	1590				
							20	8060	5260	4140	4030	3830	3680	3500				
							1.6	4030	2630	2070	2010	1920	1840	1750				
							23	8880	5790	4560	4430	4230	4050	3850				
420/70R 28	W13	418 16.5	1349 53.1	619 24.4	4035 158.9	133 D	0.8	2990	1950	1540	1500	1420	1370	1300				
							12	6590	4300	3390	3300	3130	3020	2860				
							1	3430	2240	1770	1710	1630	1560	1490				
							15	7560	4930	3900	3770	3590	3440	3280				
							1.2	3860	2520	1990	1930	1840	1760	1680				
							17	8500	5550	4380	4250	4050	3880	3700				
							1.4	4300	2810	2220	2150	2050	1960	1870				
							20	9470	6190	4890	4740	4520	4320	4120				
							1.6	4740	3090	2440	2370	2260	2160	2060				
							23	10440	6810	5370	5220	4980	4760	4540				
480/70R 28	W15	479 18.9	1421 55.9	649 25.6	4250 167.3	140 D	0.8	3630	2370	1870	1820	1730	1660	1580				
							12	8000	5220	4120	4010	3810	3660	3480				
							1	4160	2720	2140	2080	1980	1900	1810				
							15	9160	5990	4710	4580	4360	4190	3990				
							1.2	4690	3060	2420	2350	2230	2140	2040				
							17	10330	6740	5330	5180	4910	4710	4490				
							1.4	5220	3410	2690	2610	2490	2380	2270				
							20	11500	7510	5930	5750	5480	5240	5000				
							1.6	5750	3750	2960	2880	2740	2630	2500				
							23	12670	8260	6520	6340	6040	5790	5510				

# Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Load Index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)										
								Speed, km/h (mph)										
								Mixed application										
		Bar	Psi					Static	10	25	30	40	50	65				
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in
420/70R 30	W13	418 16.5	1398 55.0	644 25.4	4182 164.6	134 D	0.8	3130	2040	1610	1560	1490	1430	1360				
							12	6890	4490	3550	3440	3280	3150	3000				
							1	3570	2330	1840	1780	1700	1630	1550				
							15	7860	5130	4050	3920	3740	3590	3410				
							1.2	4000	2610	2060	2000	1910	1830	1740				
							17	8810	5750	4540	4410	4210	4030	3830				
							1.4	4440	2900	2290	2220	2110	2030	1930				
							20	9780	6390	5040	4890	4650	4470	4250				
							1.6	4880	3180	2510	2440	2320	2230	<b>2120</b>				
							23	10750	7000	5530	5370	5110	4910	<b>4670</b>				
480/70R 30	W15	479 18.9	1478 58.2	677 26.7	4421 174.1	141 D	0.8	3800	2480	1960	1900	1810	1730	1650				
							12	8370	5460	4320	4190	3990	3810	3630				
							1	4320	2820	2230	2160	2060	1970	1880				
							15	9520	6210	4910	4760	4540	4340	4140				
							1.2	4850	3170	2500	2430	2310	2220	2110				
							17	10680	6980	5510	5350	5090	4890	4650				
							1.4	5380	3510	2770	2690	2560	2460	2340				
							20	11850	7730	6100	5930	5640	5420	5150				
							1.6	5920	3860	3050	2960	2820	2700	<b>2575</b>				
							23	13040	8500	6720	6520	6210	5950	<b>5670</b>				
480/70R 34	W15	479 18.9	1580 62.2	728 28.7	4726 186.1	143 D	0.8	3980	2600	2050	1990	1890	1820	1730				
							12	8770	5730	4520	4380	4160	4010	3810				
							1	4550	2970	2350	2280	2170	2080	1980				
							15	10020	6540	5180	5020	4780	4580	4360				
							1.2	5130	3350	2640	2560	2440	2340	2230				
							17	11300	7380	5810	5640	5370	5150	4910				
							1.4	5700	3720	2940	2850	2720	2600	2480				
							20	12560	8190	6480	6280	5990	5730	5460				
							1.6	6270	4090	3230	3130	2980	2860	<b>2725</b>				
							23	13810	9010	7110	6890	6560	6300	<b>6000</b>				



# Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Load Index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)											
								Speed, km/h (mph)											
								Mixed application											
		Bar	Psi					Static	10	25	30	40	50	65					
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in
520/70R 34	W16	516 20.3	1640 64.6	753 29.6	4905 193.1	148 D		0.8	4600	3000	2370	2300	2190	2100	2000				
								12	10130	6610	5220	5070	4820	4630	4410				
								1	5240	3420	2700	2620	2500	2390	2280				
								15	11540	7530	5950	5770	5510	5260	5020				
								1.2	5910	3860	3050	2960	2810	2700	2570				
								17	13020	8500	6720	6520	6190	5950	5660				
								1.4	6580	4290	3390	3290	3130	3000	2860				
								20	14490	9450	7470	7250	6890	6610	6300				
								1.6	7250	4730	3730	3620	3450	3310	3150				
								23	15970	10420	8220	7970	7600	7290	6940				
480/70R 38	W15	479 18.9	1681 66.2	778 30.6	5028 198.0	145 D		0.8	4280	2790	2200	2140	2040	1950	1860				
								12	9430	6150	4850	4710	4490	4300	4100				
								1	4880	3180	2510	2440	2320	2230	2120				
								15	10750	7000	5530	5370	5110	4910	4670				
								1.2	5470	3570	2820	2740	2610	2500	2380				
								17	12050	7860	6210	6040	5750	5510	5240				
								1.4	6070	3960	3130	3040	2890	2770	2640				
								20	13370	8720	6890	6700	6370	6100	5810				
								1.6	6670	4350	3440	3340	3180	3050	2900				
								23	14690	9580	7580	7360	7000	6720	6390				
520/70R 38	W16	516 20.3	1749 68.9	806 31.7	5231 205.9	150 D		0.8	4920	3210	2540	2460	2340	2250	2140				
								12	10840	7070	5590	5420	5150	4960	4710				
								1	5610	3660	2890	2810	2670	2560	2440				
								15	12360	8060	6370	6190	5880	5640	5370				
								1.2	6330	4130	3260	3160	3010	2890	2750				
								17	13940	9100	7180	6960	6630	6370	6060				
								1.4	7020	4580	3610	3510	3340	3200	3050				
								20	15460	10090	7950	7730	7360	7050	6720				
								1.6	7710	5030	3970	3850	3670	3520	3350				
								23	16980	11080	8740	8480	8080	7750	7380				

# Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Load Index PR Symbols	Inflation Pressure	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Mixed application						
								Bar	Static	10	25	30	40	50
mm	mm	mm	mm	Psi	6	16	19	25	31	40				
in	in	in	in											
580/70R 38	DW 18	577 22.72	1827 71.9	839 33.0	5465 215.2	155 D	0.8	5680	3710	2930	2840	2700	2590	2470
							12	12510	8170	6450	6260	5950	5700	5440
							1	6490	4230	3340	3240	3090	2960	2820
							15	14300	9320	7360	7140	6810	6520	6210
							1.2	7290	4760	3760	3650	3470	3330	3170
							17	16060	10480	8280	8040	7640	7330	6980
							1.4	8100	5280	4170	4050	3850	3700	3520
							20	17840	11630	9190	8920	8480	8150	7750
							<b>1.6</b>	8910	5810	4590	4460	4240	4070	<b>3875</b>
						<b>23</b>	19630	12800	10110	9820	9340	8960	<b>8540</b>	
						180 D	2.5	9340	6090	4810	4670	4450	4260	4060
							36	20570	13410	10590	10290	9800	9380	8940
							3	11160	7280	5750	5580	5310	5090	4850
							45	24580	16040	12670	12290	11700	11210	10680
							3.8	13270	8660	6840	6640	6320	6060	5770
							55	29230	19070	15070	14630	13920	13350	12710
							4.7	15990	10430	8240	7990	7610	7300	6950
							68	35220	22970	18150	17600	16760	16080	15310
<b>5.5</b>	18400	12000	9480	9200	8760		8400	<b>8000</b>						
<b>80</b>	40530	26430	20880	20260	19300	18500	<b>17620</b>							

**Note:** All tyres confirm to ETRTO standards

Figures in bold are the recommended specification

Ascenso is a new-age off-highway tyre brand that caters to three key global segments: Agriculture, Industrial & Construction and Earthmover