



TDR 900

Product Data Sheet

Marketing Department.
June 01, 2022

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

ReleaseMonth: June' 22

Brand: ASCENSO

Tread Pattern : TDR 900

Tyre Construction: Radial

Type: Tube Less

Main Applications: ROW CROP

TRA Code : R-1



List of Sizes

Sizes	PR/ LI/SI
270/95R32	136D
230/95R32	128D
230/95R36	130D
270/95R36	139D
270/95R38	140D
270/95R42	139D
230/95R44	134D
270/95R44	142D
300/95R46	148D
320/90R46	148D
380/90R46 Steel Belted	159D
380/90R46 Steel Belted	173D
230/95R48	136D
270/95R48	144D
340/85R48	151D
320/90R50	150D
300/95R52 Steel Belted	156D
270/95R54 Steel Belted	156D

Salient Features

NARROW & SPRAYER TYRES DESIGNED WITH UNIQUE MUD BREAKER:

- High load carrying capacity for smooth operations.
- High Traction
- Low soil compaction



Technical Specification

Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	Load Index / Speed Index	Inflation Pressure	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm	mm	MIXED APPLICATION											
		in	in	mm	mm			bar	Static	10	25	30	40	50	65
				in	in	psi		6	16	19	25	31	40		
270/95R32	W9	275 10.8	1327 52.2	619 24.4	3969 156.3	136 D	1.9	2810	1830	1450	1400	1340	1280	1220	
							28	6190	4030	3190	3080	2950	2820	2690	
							2	3270	2130	1680	1630	1550	1490	1420	
							33	7200	4690	3700	3590	3410	3280	3130	
							2.8	3820	2490	1970	1910	1820	1740	1660	
							41	8410	5480	4340	4210	4010	3830	3660	
							3.4	4490	2930	2310	2240	2140	2050	1950	
							49	9890	6450	5090	4930	4710	4520	4300	
							4	5150	3360	2650	2580	2450	2350	2240	
							58	11340	7400	5840	5680	5400	5180	4930	
230/95R32	W7	228 9.0	1251 49.3	587 23.1	3741 147.3	128 D	1.9	2230	1460	1150	1120	1060	1020	970	
							28	4910	3220	2530	2470	2330	2250	2140	
							2	2600	1700	1340	1300	1240	1190	1130	
							33	5730	3740	2950	2860	2730	2620	2490	
							2.8	3060	2000	1580	1530	1460	1400	1330	
							41	6740	4410	3480	3370	3220	3080	2930	
							3.4	3610	2360	1860	1810	1720	1650	1570	
							49	7950	5200	4100	3990	3790	3630	3460	
							4	4140	2700	2130	2070	1970	1890	1800	
							58	9120	5950	4690	4560	4340	4160	3960	
230/95R36	W7	228 9.0	1352 53.2	638 25.1	4044 159.2	130 D	1.9	2370	1550	1220	1180	1130	1080	1030	
							28	5220	3410	2690	2600	2490	2380	2270	
							2	2740	1790	1410	1370	1300	1250	1190	
							33	6040	3940	3110	3020	2860	2750	2620	
							2.8	3220	2100	1660	1610	1530	1470	1400	
							41	7090	4630	3660	3550	3370	3240	3080	
							3.4	3800	2480	1960	1900	1810	1730	1650	
							49	8370	5460	4320	4190	3990	3810	3630	
							4	4370	2850	2250	2190	2080	2000	1900	
							58	9630	6280	4960	4820	4580	4410	4190	
270/95R36	W9	275 10.8	1428 56.2	669 26.3	4271 168.1	139 D	1.9	3040	1980	1560	1520	1450	1390	1320	
							28	6700	4360	3440	3350	3190	3060	2910	
							2	3520	2300	1810	1760	1680	1610	1530	
							33	7750	5070	3990	3880	3700	3550	3370	
							2.8	4120	2690	2120	2060	1960	1880	1790	
							41	9070	5930	4670	4540	4320	4140	3940	
							3.4	4850	3170	2500	2430	2310	2220	2110	
							49	10680	6980	5510	5350	5090	4890	4650	
							4	5590	3650	2880	2790	2660	2550	2430	
							58	12310	8040	6340	6150	5860	5620	5350	

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

Technical Specification

Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	Load Index / Speed Index	Inflation Pressure	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm	mm					MIXED APPLICATION							
		in	in					mm	mm	mm	mm	mm	mm	mm	mm
							bar	Static	10	25	30	40	50	65	
							psi		6	16	19	25	31	40	
270/95R38	W9	275 10.8	1479 58.2	695 27.4	4514 177.7	140 D	1.9	3110	2030	1600	1550	1480	1420	1350	
							28	6850	4470	3520	3410	3260	3130	2970	
							2	3610	2360	1860	1810	1720	1650	1570	
							33	7950	5200	4100	3990	3790	3630	3460	
							2.8	4230	2760	2180	2120	2010	1930	1840	
							41	9320	6080	4800	4670	4430	4250	4050	
							3.4	4990	3260	2570	2500	2380	2280	2170	
							49	10990	7180	5660	5510	5240	5020	4780	
							4	5750	3750	2960	2880	2740	2630	2500	
							58	12670	8260	6520	6340	6040	5790	5510	
270/95R42	W9	275 10.8	1581 62.2	746 29.4	4728 186.1	139 D	1.6	3110	2030	1600	1550	1480	1420	1350	
							23	6850	4470	3520	3410	3260	3130	2970	
							2	3660	2390	1880	1830	1740	1670	1590	
							29	8060	5260	4140	4030	3830	3680	3500	
							2.4	4210	2750	2170	2100	2000	1920	1830	
							35	9270	6060	4780	4630	4410	4230	4030	
							2.9	4900	3200	2520	2450	2330	2240	2130	
							42	10790	7050	5550	5400	5130	4930	4690	
							3.4	5590	3650	2880	2790	2660	2550	2430	
							49	12310	8040	6340	6150	5860	5620	5350	
230/95R44	W7	228 9.0	1556 61.3	740 29.1	4654 183.2	134 D	1.9	2650	1730	1360	1320	1260	1210	1150	
							28	5840	3810	3000	2910	2780	2670	2530	
							2	3060	2000	1580	1530	1460	1400	1330	
							33	6740	4410	3480	3370	3220	3080	2930	
							2.8	3590	2340	1850	1790	1710	1640	1560	
							41	7910	5150	4070	3940	3770	3610	3440	
							3.4	4230	2760	2180	2120	2010	1930	1840	
							49	9320	6080	4800	4670	4430	4250	4050	
							4	4880	3180	2510	2440	2320	2230	2120	
							58	10750	7000	5530	5370	5110	4910	4670	
270/95R44	W9	275 10.8	1632 64.3	771 30.4	4881 192.2	142 D	1.9	3310	2160	1710	1660	1580	1510	1440	
							28	7290	4760	3770	3660	3480	3330	3170	
							2	3840	2510	1980	1920	1830	1750	1670	
							33	8460	5530	4360	4230	4030	3850	3680	
							2.8	4510	2940	2320	2250	2150	2060	1960	
							41	9930	6480	5110	4960	4740	4540	4320	
							3.4	5290	3450	2730	2650	2520	2420	2300	
							49	11650	7600	6010	5840	5550	5330	5070	
							4	6100	3980	3140	3050	2900	2780	2650	
							58	13440	8770	6920	6720	6390	6120	5840	

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Technical Specification

Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	Load Index / Speed Index	Inflation Pressure	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm	mm					MIXED APPLICATION							
		in	in					mm	mm	mm	mm	mm	mm	mm	mm
							bar	Static	10	25	30	40	50	65	
							psi		6	16	19	25	31	40	
300/95R46	W9	295 11.6	1738 68.4	819 32.2	5198 204.6	148 D	1.9	3960	2580	2040	1980	1880	1810	1720	
							28	8720	5680	4490	4360	4140	3990	3790	
							2	4580	2990	2360	2290	2180	2090	1990	
							33	10090	6590	5200	5040	4800	4600	4380	
							2.8	5360	3500	2760	2680	2550	2450	2330	
							41	11810	7710	6080	5900	5620	5400	5130	
							3.4	6300	4110	3250	3150	3000	2880	2740	
							49	13880	9050	7160	6940	6610	6340	6040	
							4	7250	4730	3730	3620	3450	3310	3150	
							58	15970	10420	8220	7970	7600	7290	6940	
320/90R46	W10	319 12.6	1744 68.7	822 32.4	5216 205.4	148 D	1.6	3800	2480	1960	1900	1810	1730	1650	
							23	8370	5460	4320	4190	3990	3810	3630	
							2	4490	2930	2310	2240	2140	2050	1950	
							29	9890	6450	5090	4930	4710	4520	4300	
							2.5	5360	3500	2760	2680	2550	2450	2330	
							36	11810	7710	6080	5900	5620	5400	5130	
							3.1	6390	4170	3290	3200	3040	2920	2780	
							45	14070	9190	7250	7050	6700	6430	6120	
							3.6	7250	4730	3730	3620	3450	3310	3150	
							52	15970	10420	8220	7970	7600	7290	6940	
380/90R46 (SB)	W12	380 15.0	1852 72.9	866 34.1	5539 218.1	159 D	1.9	5470	3570	2820	2740	2610	2500	2380	
							28	12050	7860	6210	6040	5750	5510	5240	
							2	6350	4140	3270	3170	3020	2900	2760	
							33	13990	9120	7200	6980	6650	6390	6080	
							2.8	7430	4850	3830	3710	3540	3390	3230	
							41	16370	10680	8440	8170	7800	7470	7110	
							3.4	8740	5700	4500	4370	4160	3990	3800	
							49	19250	12560	9910	9630	9160	8790	8370	
							4	10060	6560	5180	5030	4790	4590	4375	
							58	22160	14450	11410	11080	10550	10110	9640	
380/90R46 (SB)	W12	380 15.0	1852 72.9	866 34.1	5539 218.1	173 D	2.8	7590	4950	3910	3800	3610	3470	3300	
							41	16720	10900	8610	8370	7950	7640	7270	
							3	8920	5820	4600	4460	4250	4070	3880	
							49	19650	12820	10130	9820	9360	8960	8550	
							4.2	10720	6990	5520	5360	5100	4890	4660	
							61	23610	15400	12160	11810	11230	10770	10260	
							5.2	12950	8450	6670	6470	6160	5910	5630	
							75	28520	18610	14690	14250	13570	13020	12400	
							6.1	14950	9750	7700	7480	7120	6830	6500	
							88	32930	21480	16960	16480	15680	15040	14320	

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Technical Specification

Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	Load Index / Speed Index	Inflation Pressure	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		MIXED APPLICATION													
		mm	mm					mm	mm	mm	mm	mm	mm	mm	mm
		in	in	in	in		bar	Static	10	25	30	40	50	65	
							psi		6	16	19	25	31	40	
230/95R48	W7	228 9.0	1657 65.2	790 31.1	4956 195.1	136 D	1.9	2810	1830	1450	1400	1340	1280	1220	
							28	6190	4030	3190	3080	2950	2820	2690	
							2	3270	2130	1680	1630	1550	1490	1420	
							33	7200	4690	3700	3590	3410	3280	3130	
							2.8	3820	2490	1970	1910	1820	1740	1660	
							41	8410	5480	4340	4210	4010	3830	3660	
							3.4	4490	2930	2310	2240	2140	2050	1950	
							49	9890	6450	5090	4930	4710	4520	4300	
							4	5150	3360	2650	2580	2450	2350	2240	
							58	11340	7400	5840	5680	5400	5180	4930	
270/95R48	W9	275 10.8	1733 68.2	822 32.4	5183 204.1	144 D	1.9	3520	2300	1810	1760	1680	1610	1530	
							28	7750	5070	3990	3880	3700	3550	3370	
							2	4070	2660	2100	2040	1940	1860	1770	
							33	8960	5860	4630	4490	4270	4100	3900	
							2.8	4760	3110	2450	2380	2270	2170	2070	
							41	10480	6850	5400	5240	5000	4780	4560	
							3.4	5590	3650	2880	2790	2660	2550	2430	
							49	12310	8040	6340	6150	5860	5620	5350	
							4	6440	4200	3320	3220	3070	2940	2800	
							58	14190	9250	7310	7090	6760	6480	6170	
340/85R48	W12	353 13.9	1797 70.7	848 33.4	5374 211.6	151 D	1.6	4160	2720	2140	2080	1980	1900	1810	
							23	9160	5990	4710	4580	4360	4190	3990	
							2	4920	3210	2540	2460	2340	2250	2140	
							29	10840	7070	5590	5420	5150	4960	4710	
							2.5	5870	3830	3020	2930	2790	2680	2550	
							36	12930	8440	6650	6450	6150	5900	5620	
							3.1	6990	4560	3600	3500	3330	3190	3040	
							45	15400	10040	7930	7710	7330	7030	6700	
							3.6	7940	5180	4090	3970	3780	3620	3450	
							52	17490	11410	9010	8740	8330	7970	7600	

Note: All tyres conform 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

Mahansaria Tyres Pvt. Ltd.

612, 6th Floor, Maker Chambers IV, Nariman Point, Mumbai 400021, Maharashtra, India

T: +91 22 4348 1600 Website: www.ascensotyres.com

Technical Specification

Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	Load Index / Speed Index	Inflation Pressure	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		MIXED APPLICATION													
		mm	mm					mm	mm	mm	mm	mm	mm	mm	mm
		in	in	in	in		bar	Static	10	25	30	40	50	65	
							psi		6	16	19	25	31	40	
320/90R50	W10	319	1846	873	5521	150 D	2.0	5700	3720	2940	2850	2720	2600	2480	
							29	12560	8190	6480	6280	5990	5730	5460	
							2.4	6100	3980	3140	3050	2900	2780	2650	
							35	13440	8770	6920	6720	6390	6120	5840	
							2.8	6670	4350	3440	3340	3180	3050	2900	
							41	14690	9580	7580	7360	7000	6720	6390	
							3.2	7200	4700	3710	3600	3430	3290	3130	
							46	15860	10350	8170	7930	7560	7250	6890	
							3.6	7710	5030	3970	3850	3670	3520	3350	
							52	16980	11080	8740	8480	8080	7750	7380	
300/90R52 (SB)	W9	295	1891	896	5656	156 D	2.8	6460	4220	3330	3230	3080	2950	2810	
							41	14230	9300	7330	7110	6780	6500	6190	
							3.2	6990	4560	3600	3500	3330	3190	3040	
							46	15400	10040	7930	7710	7330	7030	6700	
							3.6	7450	4860	3840	3730	3550	3400	3240	
							52	16410	10700	8460	8220	7820	7490	7140	
							4.0	7840	5120	4040	3920	3730	3580	3410	
							58	17270	11280	8900	8630	8220	7890	7510	
							4.8	9200	6000	4740	4600	4380	4200	4000	
							70	20260	13220	10440	10130	9650	9250	8810	
270/95R54 (SB)	W9	275	1886	898	5641	156 D	3.2	6140	4010	3160	3070	2920	2800	2670	
							46	13520	8830	6960	6760	6430	6170	5880	
							3.6	6530	4260	3370	3270	3110	2980	2840	
							52	14380	9380	7420	7200	6850	6560	6260	
							4.0	6900	4500	3560	3450	3290	3150	3000	
							58	15200	9910	7840	7600	7250	6940	6610	
							4.8	8100	5280	4170	4050	3850	3700	3520	
							70	17840	11630	9190	8920	8480	8150	7750	
							5.6	9200	6000	4740	4600	4380	4200	4000	
							81	20260	13220	10440	10130	9650	9250	8810	

Note: All tyres confirm to ETRTO standards

Figures in bold are the recommended specification

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