



TDR 650

Product Data Sheet

Marketing Department.
August 24, 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

List of Sizes

Release Month: August'21

Brand: ASCENSO

Tread Pattern : TDR 650

Tyre Construction: Radial

Type: Tube Less

Main Applications: Tractor

TRA Code : R-1W



Size	LSI
440/65R24	135 D
480/65R24	140 D
440/65R28	138 D
540/65R24	146 D
480/65R28	142 D
540/65R28	149 D
540/65R30	150 D
540/65R34	152 D
600/65R34	157 D
540/65R38	153 D
600/65R38	159 D
650/65R38	163 D
650/65R38 Steel Belted	171 D
650/65R42	165 D

Salient Features

Optimum Tread Design:

Maximum performance in field and on road operations

First in the Industry with Dual Mud Breakers:

Ensure better self-cleaning

Greater Lug Overlap:

Provides safe and comfortable ride at high speeds



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	mm	mm	mm	mm	mm	mm	mm	mm	mm		
in	in	in	in	in	in	in	Psi	6	16	19	25	31	40	
440/65R24	W14 L	441 17.4	1182 46.5	541 21.3	3535 139.2	135 D	1.2	3010	1970	1550	1510	1430	1380	1310
							17	6630	4340	3410	3330	3150	3040	2890
							1	3340	2180	1720	1670	1590	1520	1450
							20	7360	4800	3790	3680	3500	3350	3190
							1.7	3840	2510	1980	1920	1830	1750	1670
							25	8460	5530	4360	4230	4030	3850	3680
							2.1	4510	2940	2320	2250	2150	2060	1960
							30	9930	6480	5110	4960	4740	4540	4320
							2.4	5010	3270	2580	2510	2390	2290	2180
							35	11040	7200	5680	5530	5260	5040	4800
480/65R24	W15L	479 18.8	1234 48.5	563 22.1	3691 145.3	140 D	1.2	3450	2250	1780	1730	1640	1580	1500
							17	7600	4960	3920	3810	3610	3480	3300
							1	3840	2510	1980	1920	1830	1750	1670
							20	8460	5530	4360	4230	4030	3850	3680
							1.7	4420	2880	2280	2210	2100	2020	1920
							25	9740	6340	5020	4870	4630	4450	4230
							2.1	5180	3380	2670	2590	2460	2360	2250
							30	11410	7440	5880	5700	5420	5200	4960
							2.4	5750	3750	2960	2880	2740	2630	2500
							35	12670	8260	6520	6340	6040	5790	5510

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

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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	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
440/65R28	W14L	441 17.3	1283 50.5	591 23.2	3837 151	138 D	1.6	4490	2930	2310	2240	2140	2050	1950
							23	9890	6450	5090	4930	4710	4520	4300
							1.8	4740	3090	2440	2370	2260	2160	2060
							26	10440	6810	5370	5220	4980	4760	4540
							2.0	4990	3260	2570	2500	2380	2280	2170
							29	10990	7180	5660	5510	5240	5020	4780
							2.2	5200	3390	2680	2600	2470	2370	2260
							32	11450	7470	5900	5730	5440	5220	4980
							2.4	5430	3540	2800	2710	2580	2480	2360
							35	11960	7800	6170	5970	5680	5460	5200
540/65R24	W16L	530 20.8	1312 51.6	595 23.4	3924 154.5	146 D	1.2	4140	2700	2130	2070	1970	1890	1800
							17	9120	5950	4690	4560	4340	4160	3960
							1	4600	3000	2370	2300	2190	2100	2000
							20	10130	6610	5220	5070	4820	4630	4410
							1.7	5290	3450	2730	2650	2520	2420	2300
							25	11650	7600	6010	5840	5550	5330	5070
							2.1	6210	4050	3200	3110	2960	2840	2700
							30	13680	8920	7050	6850	6520	6260	5950
							2.4	6900	4500	3560	3450	3290	3150	3000
							35	15200	9910	7840	7600	7250	6940	6610

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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	
in	in	in	in	in	in	in	Psi	Static	6	16	19	25	31	40	40	40	40
480/65R28	W15L	479 18.8	1335 52.5	613 24.1	3993 157.2	142 D	1.2	3660	2390	1880	1830	1740	1670	1590			
							17	8060	5260	4140	4030	3830	3680	3500			
							1	4070	2660	2100	2040	1940	1860	1770			
							20	8960	5860	4630	4490	4270	4100	3900			
							1.7	4690	3060	2420	2350	2230	2140	2040			
							25	10330	6740	5330	5180	4910	4710	4490			
							2.1	5500	3590	2830	2750	2620	2510	2390			
							30	12110	7910	6230	6060	5770	5530	5260			
							2.4	6100	3980	3140	3050	2900	2780	2650			
35	13440	8770	6920	6720	6390	6120	5840										
540/65R28	W16L	530 20.8	1413 55.6	646 25.4	4226 166.4	149 D	1.2	4490	2930	2310	2240	2140	2050	1950			
							17	9890	6450	5090	4930	4710	4520	4300			
							1	4990	3260	2570	2500	2380	2280	2170			
							20	10990	7180	5660	5510	5240	5020	4780			
							1.7	5750	3750	2960	2880	2740	2630	2500			
							25	12670	8260	6520	6340	6040	5790	5510			
							2.1	6740	4400	3470	3370	3210	3080	2930			
							30	14850	9690	7640	7420	7070	6780	6450			
							2.4	7480	4880	3850	3740	3560	3410	3250			
35	16480	10750	8480	8240	7840	7510	7160										
540/65R30	W16L	530 20.8	1464 57.6	671 26.4	4479 176.3	150 D	1.2	4620	3020	2380	2310	2200	2110	2010			
							17	10180	6650	5240	5090	4850	4650	4430			
							1	5130	3350	2640	2560	2440	2340	2230			
							20	11300	7380	5810	5640	5370	5150	4910			
							1.7	5910	3860	3050	2960	2810	2700	2570			
							25	13020	8500	6720	6520	6190	5950	5660			
							2.1	6950	4530	3580	3470	3310	3170	3020			
							30	15310	9980	7890	7640	7290	6980	6650			
							2.4	7710	5030	3970	3850	3670	3520	3350			
35	16980	11080	8740	8480	8080	7750	7380										

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		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
540/65R34	W16L	530 20.8	1566 61.6	722 28.4	4684 184.4	152 D	1.2	4900	3200	2520	2450	2330	2240	2130				
							17	10790	7050	5550	5400	5130	4930	4690				
							1	5450	3560	2810	2730	2600	2490	2370				
							20	12000	7840	6190	6010	5730	5480	5220				
							1.7	6280	4100	3240	3140	2990	2870	2730				
							25	13830	9030	7140	6920	6590	6320	6010				
							2.1	7360	4800	3790	3680	3500	3360	3200				
							30	16210	10570	8350	8110	7710	7400	7050				
							2.4	8170	5330	4210	4080	3890	3730	3550				
35	18000	11740	9270	8990	8570	8220	7820											
600/65R34	DW20B	611 24.0	1644 64.7	754 29.6	4917 193.5	157 D	1.2	5700	3720	2940	2850	2720	2600	2480				
							17	12560	8190	6480	6280	5990	5730	5460				
							1	6330	4130	3260	3160	3010	2890	2750				
							20	13940	9100	7180	6960	6630	6370	6060				
							1.7	7270	4740	3740	3630	3460	3320	3160				
							25	16010	10440	8240	8000	7620	7310	6960				
							2.1	8530	5570	4400	4270	4060	3900	3710				
							30	18790	12270	9690	9410	8940	8590	8170				
							2.4	9490	6190	4890	4740	4520	4330	4125				
35	20900	13630	10770	10440	9960	9540	9090											
540/65R38	W16L	530 20.8	1667 65.6	773 30.4	4986 196.3	153 D	1.2	5040	3290	2600	2520	2400	2300	2190				
							17	11100	7250	5730	5550	5290	5070	4820				
							1	5590	3650	2880	2790	2660	2550	2430				
							20	12310	8040	6340	6150	5860	5620	5350				
							1.7	6440	4200	3320	3220	3070	2940	2800				
							25	14190	9250	7310	7090	6760	6480	6170				
							2.1	7570	4940	3900	3780	3600	3450	3290				
							30	16670	10880	8590	8330	7930	7600	7250				
							2.4	8400	5480	4330	4200	4000	3830	3650				
35	18500	12070	9540	9250	8810	8440	8040											

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		SW	OD					Speed, km/h (mph)						
								Mixed application						
								Bar	Static	10	25	30	40	50
Psi		6	16	19	25	31	40							
600/65R38	DW20B	611 24.0	1745 68.7	805 31.7	5219 205.5	159 D	1.2	6050	3950	3120	3020	2880	2760	2630
							17	13330	8700	6870	6650	6340	6080	5790
							1	6720	4380	3460	3360	3200	3070	2920
							20	14800	9650	7620	7400	7050	6760	6430
							1.7	7730	5040	3980	3860	3680	3530	3360
							25	17030	11100	8770	8500	8110	7780	7400
							2.1	9060	5910	4670	4530	4310	4140	3940
							30	19960	13020	10290	9980	9490	9120	8680
							2.4	10060	6560	5180	5030	4790	4590	4375
650/65R38	DW20B	645 25.4	1811 71.3	832 32.7	5438 214.1	163 D	1.2	6740	4400	3470	3370	3210	3080	2930
							17	14850	9690	7640	7420	7070	6780	6450
							1	7480	4880	3850	3740	3560	3410	3250
							20	16480	10750	8480	8240	7840	7510	7160
							1.7	8600	5610	4430	4300	4100	3930	3740
							25	18940	12360	9760	9470	9030	8660	8240
							2.1	10100	6590	5200	5050	4810	4610	4390
							30	22250	14520	11450	11120	10590	10150	9670
							2.4	11210	7310	5780	5610	5340	5120	4875
650/65R38 Steel Belted	DW20B	645 25.4	1811 71.3	832 32.7	5438 214.1	171 D	1.6	9430	6150	4860	4720	4490	4310	4100
							23	20770	13550	10700	10400	9890	9490	9030
							2.0	10470	6830	5390	5230	4980	4780	4550
							29	23060	15040	11870	11520	10970	10530	10020
							2.4	11290	7370	5820	5650	5380	5160	4910
							35	24870	16230	12820	12440	11850	11370	10810
							2.8	12350	8060	6360	6180	5880	5640	5370
							41	27200	17750	14010	13610	12950	12420	11830
							3.6	14150	9230	7290	7070	6730	6460	6150
650/65R42	DW20B	645 25.4	1913 75.3	883 34.7	5809 228.7	165 D	1.2	7110	4640	3660	3550	3380	3240	3090
							17	15660	10220	8060	7820	7440	7140	6810
							1	7890	5150	4060	3940	3760	3600	3430
							20	17380	11340	8940	8680	8280	7930	7560
							1.7	9090	5930	4680	4540	4330	4150	3950
							25	20020	13060	10310	10000	9540	9140	8700
							2.1	10670	6960	5500	5340	5080	4870	4640
							30	23500	15330	12110	11760	11190	10730	10220
							2.4	11850	7730	6100	5920	5640	5410	5150
35	26100	17030	13440	13040	12420	11920	11340							

Note: All tyres confirm to ETRTO standards

Figures in bold are the recommended specification

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