



# TDR 800

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## New Product Release Document

Marketing Department.  
August 12, 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:** AUGUST'21

**Brand:** ASCENSO

**Tread Pattern :** TDR 800

**Tyre Construction:** Radial

**Type:** Tube Less

**Main Applications:** 4WD Tractor

**TRA Code :** R-1W



List of Sizes

Size	LSI
380/80 R 38	142 D
480/80 R 42	151 D
480/80 R 46	158 D
480/80 R 50	159 D
480/80 R 50	165 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
inch	inch	inch	inch	inch	inch	inch	Psi	Static	6	16	19	25	31	40	
380/80 R 38	W12	385 15.1	1575 62	734 28.8	4711 185.4	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	
480/80 R42	DW16L	489 19.3	1842 72.5	853 33.6	5509 216.9	151 D	0.8	5080	3320	2620	2540	2420	2320	2210	
							12	11190	7310	5770	5590	5330	5110	4870	
							1	5800	3780	2990	2900	2760	2650	2520	
							15	12780	8330	6590	6390	6080	5840	5550	
							1.2	6510	4250	3350	3250	3100	2970	2830	
							17	14340	9360	7380	7160	6830	6540	6230	
							1.4	7220	4710	3720	3610	3440	3300	3140	
							20	15900	10370	8190	7950	7580	7270	6920	
							1.6	7940	5180	4090	3970	3780	3620	3450	
23	17490	11410	9010	8740	8330	7970	7600								
480/80 R 46	DW16L	489 19.3	1944 76.5	904 35.6	5814 228.9	158 D	1.2	5870	3830	3020	2930	2790	2680	2550	
							17	12930	8440	6650	6450	6150	5900	5620	
							1	6510	4250	3350	3250	3100	2970	2830	
							20	14340	9360	7380	7160	6830	6540	6230	
							1.7	7500	4890	3860	3750	3570	3420	3260	
							25	16520	10770	8500	8260	7860	7530	7180	
							2.1	8810	5750	4540	4400	4190	4020	3830	
							30	19410	12670	10000	9690	9230	8850	8440	
							2.4	9780	6380	5040	4890	4650	4460	4250	
35	21540	14050	11100	10770	10240	9820	9360								
480/80 R 50	DW16L	489 19.3	2046 80.6	955 37.6	6119 240.9	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	
35	22160	14450	11410	11080	10550	10110	9640								

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		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		
inch	inch	inch	Inch	inch	Inch	inch	inch	inch	inch	inch	inch	inch	inch	
480/80 R 50	DW16L	489 19.3	2046 80.6	955 37.6	6119 240.9	165 D	1.6	6850	4470	3530	3430	3260	3130	2980
							23	15090	9850	7780	7560	7180	6890	6560
							2	7800	5090	4020	3900	3710	3560	3390
							28	17180	11210	8850	8590	8170	7840	7470
							2.3	9040	5900	4660	4520	4300	4130	3930
							33	19910	13000	10260	9960	9470	9100	8660
							2.8	10600	6920	5460	5300	5050	4840	4610
							41	23350	15240	12030	11670	11120	10660	10150
							<b>3.2</b>	11850	7730	6100	5920	5640	5410	<b>5150</b>
							46	26100	17030	13440	13040	12420	11920	11340

**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

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