



MIR 220

New Product Release Document

Marketing Department.

Mar 19, 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 are 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

New Product Release Document

List of Sizes

Release Month: March' 22

Brand: ASCENSO

Tread Pattern : MIR 220

Tyre Construction: Radial

Type: Tube Less

Main Applications: Wheel loaders, backhoe loaders and telehandlers

TRA Code : R-1

Sizes	PR/ LI/SI
340/80R18	143A8/B
400/70R20	149 A8/B
460/70R24	159 A8/B
500/70R24	164 A8/B
400/80R24	162A8/B
440/80R24	168A8/B
480/80R26	167 A8/B
440/80R28	156 A8/B



Salient Features

Robust Steel Belted Design:

- Improved Tread design- Provides better traction
- Enhanced Carcass- Stability for both On and Off-road operations.
- Excellent self-cleaning properties.
- Steel belted Construction for longer Tyre life.



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)							Cyclic Applications	
								Constant Load					Cyclic Applications			
		mm	mm					mm	mm	mm	mm	mm	mm	mm	mm	mm
340/80R18	11	343 13.5	1001 39.4	453 17.8	2994 117.9	143 A8/B	bar	Static	10	25	30	40	50	10	15	
							psi	Static	6	16	19	25	31	6	9	
							1.9	3380	1840	1560	1530	1470	1470	2210	1970	
							28	7440	4050	3440	3370	3240	3240	4870	4340	
							2	3930	2140	1810	1780	1710	1710	2570	2290	
							33	8660	4710	3990	3920	3770	3770	5660	5040	
							2.8	4620	2510	2130	2090	2010	2010	3020	2690	
							41	10180	5530	4690	4600	4430	4430	6650	5930	
							3.4	5450	2960	2520	2460	2370	2370	3560	3180	
							49	12000	6520	5550	5420	5220	5220	7840	7000	
							4	6270	3410	2890	2830	2725	2725	4090	3650	
							58	13810	7510	6370	6230	6000	6000	9010	8040	
4.2	---	---	---	---	---	---	2840	4260	3810							
61	---	---	---	---	---	---	6260	9380	8390							
4.4	---	---	---	---	---	---	2960	4440	3970							
64	---	---	---	---	---	---	6520	9780	8740							
400/70R20	13	404 15.9	1068 42.0	485 19.1	3194 125.7	149A8/B	bar	Static	10	25	30	40	50	10	15	
							psi	Static	6	16	19	25	31	6	9	
							1.9	4090	2230	1890	1850	1780	1780	2670	2390	
							28	9010	4910	4160	4070	3920	3920	5880	5260	
							2	4740	2580	2180	2140	2060	2060	3090	2760	
							33	10440	5680	4800	4710	4540	4540	6810	6080	
							2.8	5540	3010	2550	2510	2410	2410	3620	3230	
							41	12200	6630	5620	5530	5310	5310	7970	7110	
							3.4	6510	3540	3010	2940	2830	2830	4250	3790	
							49	14340	7800	6630	6480	6230	6230	9360	8350	
							4	7480	4060	3450	3380	3250	3250	4880	4360	
							58	16480	8940	7600	7440	7160	7160	10750	9600	
4.2	---	---	---	---	---	---	3390	5090	4540							
61	---	---	---	---	---	---	7470	11210	10000							
4.4	---	---	---	---	---	---	3530	5300	4730							
64	---	---	---	---	---	---	7780	11670	10420							
460/70R24	DW15L	465 18.3	1254 49.4	571 22.5	3750 147.6	159A8/B	bar	Static	10	25	30	40	50	10	15	
							psi	Static	6	16	19	25	31	6	9	
							1.9	5470	2980	2520	2480	2380	2380	3570	3190	
							28	12050	6560	5550	5460	5240	5240	7860	7030	
							2	6350	3450	2930	2870	2760	2760	4140	3700	
							33	13990	7600	6450	6320	6080	6080	9120	8150	
							2.8	7430	4040	3420	3360	3230	3230	4850	4330	
							41	16370	8900	7530	7400	7110	7110	10680	9540	
							3.4	8740	4750	4050	3950	3800	3800	5700	5090	
							49	19250	10460	8920	8700	8370	8370	12560	11210	
							4	10060	5470	4640	4550	4375	4375	6560	5860	
							58	22160	12050	10220	10020	9640	9640	14450	12910	
4.2	---	---	---	---	---	---	4570	6860	6120							
61	---	---	---	---	---	---	10070	15110	13480							
4.4	---	---	---	---	---	---	4760	7140	6380							
64	---	---	---	---	---	---	10480	15730	14050							

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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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)								
								Constant Load					Cyclic Applications			
		mm	mm					mm	mm	bar	Static	10	25	30	40	50
in	in	in	in	psi		6	16	19	25	31	6	9				
500/70R24	DW16L	503 19.8	1310 51.6	594 23.4	3918 154.3	164A8/B	1.9	6260	3400	2880	2830	2720	2720	4080	3640	
							28	13790	7490	6340	6230	5990	5990	8990	8020	
							2	7270	3950	3350	3290	3160	3160	4740	4230	
							33	16010	8700	7380	7250	6960	6960	10440	9320	
							2.8	8510	4630	3920	3850	3700	3700	5550	4960	
							41	18740	10200	8630	8480	8150	8150	12220	10930	
							3.4	10010	5440	4630	4520	4350	4350	6530	5830	
							49	22050	11980	10200	9960	9580	9580	14380	12840	
							4	11500	6250	5300	5200	5000	5000	7500	6700	
							58	25330	13770	11670	11450	11010	11010	16520	14760	
							4.2	---	---	---	---	---	---	5220	7830	6990
							61	---	---	---	---	---	---	11500	17250	15400
							4.4	---	---	---	---	---	---	5440	8160	7290
64	---	---	---	---	---	---	11980	17970	16060							
480/80r24	DW13	404	1250	569	3738	162A8/B	3.4	7890	4290	3640	3570	3430	3430	5150	4600	
							49	17380	9450	8020	7860	7560	7560	11340	10130	
							3.6	8280	4500	3820	3740	3600	3600	5400	4820	
							52	18240	9910	8410	8240	7930	7930	11890	10620	
							3.8	8670	4710	4000	3920	3770	3770	5660	5050	
							55	19100	10370	8810	8630	8300	8300	12470	11120	
							4.0	9060	4930	4200	4100	3940	3940	5910	5280	
							58	19960	10860	9250	9030	8680	8680	13020	11630	
							5	10930	5940	5040	4940	4750	4750	7130	6370	
							73	24070	13080	11100	10880	10460	10460	15700	14030	
							5.2	---	---	---	---	---	---	4920	7380	6590
							75	---	---	---	---	---	---	10840	16260	14520
							5.4	---	---	---	---	---	---	5090	7640	6820
78	---	---	---	---	---	---	11210	16830	15020							
440/80R24	DW14L	441	1314	595	3930	168 A8/B	3.4	9150	4980	4220	4140	3980	3980	5970	5330	
							49	20150	10970	9300	9120	8770	8770	13150	11740	
							3.6	9610	5230	4430	4350	4180	4180	6270	5600	
							52	21170	11520	9760	9580	9210	9210	13810	12330	
							3.8	10070	5480	4640	4560	4380	4380	6570	5870	
							55	22180	12070	10220	10040	9650	9650	14470	12930	
							4.0	10530	5730	4880	4760	4580	4580	6870	6140	
							58	23190	12620	10750	10480	10090	10090	15130	13520	
							5	12880	7000	5940	5820	5600	5600	8400	7500	
							73	28370	15420	13080	12820	12330	12330	18500	16520	
							5.2	---	---	---	---	---	---	5800	8700	7770
							75	---	---	---	---	---	---	12780	19160	17110
							5.4	---	---	---	---	---	---	6000	9000	8040
78	---	---	---	---	---	---	13220	19820	17710							

Note: All tyres confirm to ETRTO standards

Figures in bold are the recommended specification

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		SW	OD					Speed, km/h (mph)								
								Constant Load					Cyclic Applications			
		mm	mm					mm	mm	bar	Static	10	25	30	40	50
in	in	in	in	psi	6	16	19	25	31	6	9					
480/80R26	DW15L	479 18.9	1428 56.2	647 25.5	4271 168.1	167A8/B	1.9	6830	3710	3150	3090	2970	2970	4460	3980	
							28	15040	8170	6940	6810	6540	6540	9820	8770	
							2	7910	4300	3650	3580	3440	3440	5160	4610	
							33	17420	9470	8040	7890	7580	7580	11370	10150	
							2.8	9270	5040	4270	4190	4030	4030	6050	5400	
							41	20420	11100	9410	9230	8880	8880	13330	11890	
							3.4	10900	5930	5050	4930	4740	4740	7110	6350	
							49	24010	13060	11120	10860	10440	10440	15660	13990	
							4	12540	6810	5780	5670	5450	5450	8180	7300	
							58	27620	15000	12730	12490	12000	12000	18020	16080	
							4.2	---	---	---	---	---	---	5690	8540	7620
							61	---	---	---	---	---	---	12530	18810	16780
							4.4	---	---	---	---	---	---	5930	8900	7950
							64	---	---	---	---	---	---	13060	19600	17510
440/80R28	DW14L	441 17.4	1415 55.7	646 25.4	4232 166.6	156A8/B	1.6	5310	2890	2450	2400	2310	2310	3470	3100	
							23	11700	6370	5400	5290	5090	5090	7640	6830	
							2	6050	3290	2790	2740	2630	2630	3950	3520	
							28	13330	7250	6150	6040	5790	5790	8700	7750	
							2.3	7020	3810	3230	3170	3050	3050	4580	4090	
							33	15460	8390	7110	6980	6720	6720	10090	9010	
							2.8	8230	4480	3810	3720	3580	3580	5370	4800	
							41	18130	9870	8390	8190	7890	7890	11830	10570	
							3.2	9200	5000	4240	4160	4000	4000	6000	5360	
							46	20260	11010	9340	9160	8810	8810	13220	11810	
							3.4	---	---	---	---	---	---	4210	6320	5640
							49	---	---	---	---	---	---	9270	13920	12420
							3.6	---	---	---	---	---	---	4420	6630	5920
							52	---	---	---	---	---	---	9740	14600	13040

Note: All tyres confirm to ETRTO standards

Figures in bold are the recommended specification

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