



MPB 400

Product Data Sheet

Marketing Department.

August 09, 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

List of Sizes

ReleaseMonth: August'22

Brand: ASCENSO

Tread Pattern : MPB 400

Tyre Construction: Bias

Type: Tube Less

Main Applications:

Telehandlers, Compact wheel loader

TRA Code : MPT

Size	PR
10.0/75-15.3	18
11.5/80-15.3	18
10.5-18	12
12.5-18	12
18-19.5	16
18-19.5	18
10.5-20	12
12.5-20	12
12.5-20	16
14.5-20	14
16.0/70-20	14



Salient Features

Specially designed for Multipurpose Applications:

- Wider Centre Lug for Comfort & Smooth Ride.
- Designed for Better Grip & Traction.
- Increased carcass strength for Durability.



Technical Specification

Size	Rim	Unloaded Dimensions		Static Load Radius	Rolling Circumference	PR / Load Index / Speed Index	Inflation Pressure	Recommended load, kg							
								Speed, km/h							
		Mixed application													
		Free rolling				Drive Wheel									
		bar	10	25	40	50		10	25	40	50				
psi	6	16	25	31	6	16	25	31							
10.0/75-15.3 (ECE106)	9	264	760	348	2274	18 135A8 FR	7.1	3050	2590	2180	1960	2170	1840	1550	1400
		10.4	29.9	13.7	89.5	123A8 DW	103	6710	5700	4800	4310	4770	4050	3410	3080
11.5/80-15.3 (ECE106)	9	290	845	383	2528	18 143A8 FR	6.0	3820	3240	2725	2450	2660	2260	1900	1710
		11.4	33.3	15.1	99.5	130A8 DW	87	8400	7130	6000	5390	5850	4970	4180	3760

Size	Rim	Unloaded Dimensions		Static Load Radius	Rolling Circumference	PR / Load Index / Speed Index	Inflation Pressure	Recommended load, kg									
								Speed, km/h									
		Mixed application															
		Free rolling						Drive Wheel									
		bar	Static	5	10	20		25	30	40	45	50					
psi	3	6	12	15	20	25	28	31									
18-19.5 (ECE 106)	14	457	1096	495	3278	16PR	6	9040	6290	5270	5090	5000	4950	4770	4590	4500	
						160 B	87	19930	13870	11620	11220	11030	10910	10520	10120	9920	
		18.0	43.1	19.5	129.1	18PR	7.25	10340	7190	6030	5820	5720	5670	5460	5250	5150	
						165 B	105	22800	15850	13300	12830	12610	12500	12040	11580	11360	

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

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Technical Specification

Size	Rim	Unloaded Dimensions		Static Load Radius	Rolling Circumference	PR / Load Index / Speed Index	Inflation Pressure	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm	mm	Mixed application													
		in	in	15	20	30	40	50	60	70	80	90					
								bar	9	12	19	25	31	37	43	50	56
								psi	9	12	19	25	31	37	43	50	56
10.5-18 (ECE54)	9	270	905	413	2707	12PR	4.5	3140	2850	2380	2190	2130	2090	2030	1980	1900	
		10.6	35.6	16.3	106.6	130 G	65	6920	6280	5240	4820	4690	4600	4470	4360	4190	
12.5-18 (ECE54)	11	325	990	448	2961	12PR	3.5	3220	2930	2440	2240	2180	2150	2090	2030	1950	
		12.8	39.0	17.6	116.6	131 G	51	7090	6450	5370	4930	4800	4740	4600	4470	4300	
10.5-20 (ECE54)	9	270	955	438	2856	12PR	4.25	3220	2930	2440	2240	2180	2150	2090	2030	1950	
		10.6	37.6	17.2	112.4	131 G	62	7090	6450	5370	4930	4800	4740	4600	4470	4300	
12.5-20 (ECE54)	11	325	1040	473	3110	12PR	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000	
		12.8	40.9	18.6	122.4	132 G	51	7270	6610	5510	5070	4930	4850	4710	4580	4410	
14.5-20 (ECE54)	11	355	1095	496	3275	14PR	3.5	4010	3650	3040	2790	2720	2670	2600	2530	2430	
		14.0	43.1	19.5	128.9	139 G	51	8830	8040	6700	6150	5990	5880	5730	5570	5350	
16.0/70-20 (ECE54)	13SD C	407	1076	488	3218	14PR	3.5	4790	4350	3630	3340	3250	3190	3100	3020	2900	
		16.0	42.4	19.2	126.7	145 G	51	10550	9580	8000	7360	7160	7030	6830	6650	6390	

Size	Rim	Unloaded Dimensions		Static Load Radius	Rolling Circumference	PR / Load Index / Speed Index	Inflation Pressure	Recommended load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm	mm	mm	mm	Static							
		in	in	in	in	6	12	20	25	31			
12.5-20	11	325	1040	473	3110	16PR 143 B	4.5	6270	4580	3760	3080	2810	2725
		12.8	40.9	18.6	122.4		65	13830	10100	8290	6790	6200	6010

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