



IMB 161

New Product Release Document

Marketing Department.
August 25 , 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

New Product Release Document

Release Month: November'20

Brand: ASCENSO

Tread Pattern : IMB 161

Tyre Construction: Bias

Type: Tube Less

Main Applications: Balers and Trailer

TRA Code : I-2

List of Sizes

Size	PR
260/70-15.3	10,14
300/80-15.3	14
400/60-15.5	16
340/55-16	12,18
380/55-17	10,14,18
480/45-17	14,18
500/50-17	10,14,18
400/70-20	16
500/55-20	10,12



Salient Features

Wider Footprint:

Minimises soil compaction and protects the grass land

Optimum Height to Width Ratio:

Ensures stability

Strong Nylon Carcass:

Ensures high load carrying capacity



Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Free/ Drive Wheel	Recommended load , kg (lbs)									
		Speed , km/h (mph)														
		Free rolling					Drive wheel									
		Bar	10				25	40	50	10	25	40	50			
		Psi	6				16	25	31	6	16	25	31			
260/70-15.3	9	268 10.5	753 29.6	345 13.5	2253 88.7	10 PR 122 A8 FR 110 A8 DW	LI/SI	2.5	1820	1550	1300	1170	1290	1090	920	828
							36	4004	3410	2860	2574	2838	2398	2024	1822	
							2.7	1900	1620	1360	1220	1340	1140	960	864	
							39	4180	3564	2992	2684	2948	2508	2112	1901	
							2.9	1990	1690	1420	1280	1400	1190	1000	900	
							42	4378	3718	3124	2816	3080	2618	2200	1980	
							3.2	2100	1790	1500	1350	1480	1260	1060	954	
						46	4620	3938	3300	2970	3256	2772	2332	2099		
						14 PR 130 A8 FR 118 A8 DW	4.1	2240	1900	1600	1440	1570	1330	1120	1008	
							59	4928	4180	3520	3168	3454	2926	2464	2218	
							4.5	2370	2010	1690	1520	1650	1400	1180	1062	
							65	5214	4422	3718	3344	3630	3080	2596	2336	
							5	2520	2140	1800	1620	1750	1490	1250	1125	
							73	5544	4708	3960	3564	3850	3278	2750	2475	
5.5	2660	2260	1900	1710	1850		1570	1320	1188							
80	5852	4972	4180	3762	4070	3454	2904	2614								
300/80-15.3	9	295 11.6	869 34.2	392 15.4	2599 102.3	14 PR 139 A8 FR	2.8	2880	2450	2060	1850	-	-	-	-	
							41	6336	5390	4532	4070	-	-	-	-	
							3.1	3070	2610	2190	1970	-	-	-	-	
							45	6754	5742	4818	4334	-	-	-	-	
							3.4	3230	2750	2310	2080	-	-	-	-	
							49	7106	6050	5082	4576	-	-	-	-	
							3.7	3400	2890	2430	2190	-	-	-	-	
							54	7480	6358	5346	4818	-	-	-	-	

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Free/ Drive Wheel	Recommended load , kg (lbs)								
		SW	OD				Speed , km/h (mph)								
		mm	mm	mm	mm	Free rolling				Drive wheel					
		In	in	in	in	LI/SI	Bar	10	25	40	50	10	25	40	50
						Psi	6	16	25	31	6	16	25	31	
400/60-15.5	13	404 15.9	874 34.4	395 15.5	2614 102.9	16 PR 148 A8 FR 135 A8 DW	3.2	3770	3200	2690	2420	2600	2210	1860	1674
							46	8294	7040	5918	5324	5720	4862	4092	3683
							3.5	3960	3370	2830	2550	2740	2330	1960	1764
							51	8712	7414	6226	5610	6028	5126	4312	3881
							3.8	4160	3530	2970	2670	2880	2450	4060	1854
							55	9152	7766	6534	5874	6336	5390	4532	4079
							4.2	4410	3750	3150	2840	3050	2590	2180	1962
61	9702	8250	6930	6248	6710	5698	4796	4316							
340/55-16	11	343 13.5	780 30.7	358 14.0	2333 91.8	12 PR 133 A8 FR 121 A8 DW	2.5	2490	2120	1780	1600	1750	1490	1250	1125
							36	5478	4664	3916	3520	3850	3278	2750	2475
							2.7	2600	2210	1860	1670	1830	1560	1310	1179
							39	5720	4862	4092	3674	4026	3432	2882	2594
							2.9	2720	2310	1940	1750	1920	1630	1370	1233
							42	5984	5082	4268	3850	4224	3586	3014	2713
							3.2	2880	2450	2060	1850	2030	1730	1450	1305
							46	6336	5390	4532	4070	4466	3806	3190	2871
						18 PR 140 A8 FR 128 A8 DW	3.6	2970	2520	2120	1910	2130	1810	1520	1368
							52	6534	5544	4664	4202	4686	3982	3344	3010
							4	3150	2680	2250	2030	2270	1930	1620	1458
							58	6930	5896	4950	4466	4994	4246	3564	3208
							4.4	3330	2830	2380	2140	2390	2030	1710	1539
							64	7326	6226	5236	4708	5258	4466	3762	3386
							4.8	3500	2980	2500	2250	2520	2140	1800	1620
70	7700	6556	5500	4950	5544	4708	3960	3564							

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Free/ Drive Wheel	Recommended load , kg (lbs)								
		SW	OD				Speed , km/h (mph)								
		mm	mm				Free rolling				Drive wheel				
		in	in				mm	mm	Bar	10	25	40	50	10	25
						Li/SI	Psi	6	16	25	31	6	16	25	31
380/55-17	13	380 14.9	850 33.4	389 15.3	2543 100.1	10 PR 134 A8 FR 122 A8 DW	2	2550	2170	1820	1640	1810	1540	1290	1161
							29	5610	4774	4004	3608	3982	3388	2838	2554
							2.2	2690	2280	1920	1730	1900	1620	1360	1224
							32	5918	5016	4224	3806	4180	3564	2992	2693
							2.4	2830	2400	2020	1820	2000	1700	1430	1287
							35	6226	5280	4444	4004	4400	3740	3146	2831
							2.6	2970	2520	2120	1910	2100	1790	1500	1350
							38	6534	5544	4664	4202	4620	3938	3300	2970
						14 PR 141 A8 FR 128 A8 DW	2.5	3120	2650	2230	2010	2180	1860	1560	1404
							36	6864	5830	4906	4422	4796	4092	3432	3089
							2.7	3260	2770	2330	2100	2280	1940	1630	1467
							39	7172	6094	5126	4620	5016	4268	3586	3227
							2.9	3400	2890	2430	2190	2380	2020	1700	1530
							42	7480	6358	5346	4818	5236	4444	3740	3366
							3.2	3610	3060	2575	2320	2520	2140	1800	1620
						18 PR 146 A8 FR 134 A8 DW	46	7942	6732	5665	5104	5544	4708	3960	3564
							3.5	3570	3030	2550	2300	2530	2150	1810	1629
							51	7854	6666	5610	5060	5566	4730	3982	3584
							3.8	3750	3190	2680	2410	2660	2260	1900	1710
							55	8250	7018	5896	5302	5852	4972	4180	3762
							4.2	3980	3380	2840	2560	2810	2390	2010	1809
							61	8756	7436	6248	5632	6182	5258	4422	3980
							4.6	4200	3570	3000	2700	2970	2520	2120	1908
						67	9240	7854	6600	5940	6534	5544	4664	4198	

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Free/ Drive Wheel	Recommended load , kg (lbs)								
		SW	OD				Speed , km/h (mph)								
							Free rolling				Drive wheel				
		mm	mm				mm	mm	Bar	10	25	40	50	10	25
in	in	in	in	LI/SI	Psi	6	16	25	31	6	16	25	31		
480/45-17	16	479 18.8	864 34.0	395 15.5	2585 101.7	14 PR 146 A8 FR 134 A8 DW	2.5	3630	3080	2590	2330	2580	2190	1840	1656
							36	7986	6776	5698	5126	5676	4818	4048	3643
							2.7	3790	3220	2710	2440	2690	2280	1920	1728
							39	8338	7084	5962	5368	5918	5016	4224	3802
							2.9	3960	3370	2830	2550	2800	2380	2000	1800
							42	8712	7414	6226	5610	6160	5236	4400	3960
							3.2	4200	3570	3000	2700	2970	2520	2120	1908
							46	9240	7854	6600	5940	6534	5544	4664	4198
						18 PR 149 A8 FR 136 A8 DW	2.7	3910	3320	2790	2510	2700	2300	1930	1737
							39	8602	7304	6138	5522	5940	5060	4246	3821
							2.9	4070	3460	2910	2620	2810	2390	2010	1809
							42	8954	7612	6402	5764	6182	5258	4422	3980
							3.2	4310	3670	3080	2770	2980	2530	2130	1917
							46	9482	8074	6776	6094	6556	5566	4686	4217
3.5	4550	3870	3250	2930	3140	2670	2240	2016							
51	10010	8514	7150	6446	6908	5874	4928	4435							

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Free/ Drive Wheel	Recommended load , kg (lbs)								
		SW	OD				Speed , km/h (mph)								
							Free rolling				Drive wheel				
		mm	mm				mm	mm	Bar	10	25	40	50	10	25
in	in	in	in	LI/SI	Psi	6	16	25	31	6	16	25	31		
500/50-17	16	503 19.8	932 36.6	423 16.5	2788 109.7	10 PR 143 A8 FR 131 A8 DW	1.6	3350	2840	2390	2150	2390	2030	1710	1539
							23	7370	6248	5258	4730	5258	4466	3762	3386
							1.7	3470	2950	2480	2230	2480	2110	1770	1593
							25	7634	6490	5456	4906	5456	4642	3894	3505
							1.8	3580	3050	2560	2300	2560	2180	1830	1647
							26	7876	6710	5632	5060	5632	4796	4026	3623
							2	3820	3240	2725	2450	2730	2320	1950	1755
							29	8404	7128	5995	5390	6006	5104	4290	3861
						14 PR 149 A8 FR 137 A8 DW	2.2	3950	3360	2820	2540	2800	2380	2000	1800
							32	8690	7392	6204	5588	6160	5236	4400	3960
							2.4	4160	3530	2970	2670	2940	2500	2100	1890
							35	9152	7766	6534	5874	6468	5500	4620	4158
							2.6	4350	3700	3110	2800	3080	2620	2200	1980
							38	9570	8140	6842	6160	6776	5764	4840	4356
2.8	4550	3870	3250	2930	3220	2740	2300	2070							
41	10010	8514	7150	6446	7084	6028	5060	4554							

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Free/ Drive Wheel	Recommended load , kg (lbs)								
		SW	OD				Speed , km/h (mph)								
							Free rolling				Drive wheel				
							Bar	10	25	40	50	10	25	40	50
mm	mm	mm	mm	LI/SI	Psi	6	16	25	31	6	16	25	31		
In	in	in	in												
500/50-17	16	503 19.8	932 36.6	423 16.5	2788 109.7	18 PR 154 A8 FR 142 A8 DW	3	4440	3770	3170	2850	3140	2670	2240	2016
							44	9768	8294	6974	6270	6908	5874	4928	4435
							3.3	4690	3990	3350	3020	3320	2820	2370	2133
							48	10318	8778	7370	6644	7304	6204	5214	4693
							3.6	4940	4200	3530	3180	3490	2960	2490	2241
							52	10868	9240	7766	6996	7678	6512	5478	4930
							4	5250	4460	3750	3380	3710	3150	2650	2385
58	11550	9812	8250	7436	8162	6930	5830	5247							
400/70-20	13	414 16.2	1072 42.2	487 19.1	3206 126.2	16PR 156A8 FR 144A8 DW	3	4730	4020	3380	3040	3300	2810	2360	2124
							44	10406	8844	7436	6688	7260	6182	5192	4673
							3.3	5000	4250	3570	3210	3500	2980	2500	2250
							48	11000	9350	7854	7062	7700	6556	5500	4950
							3.6	5260	4470	3760	3380	3680	3130	2630	2367
							52	11572	9834	8272	7436	8096	6886	5786	5207
							4	5600	4760	4000	3600	3920	3330	2800	2520
58	12320	10472	8800	7920	8624	7326	6160	5544							

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	Free/ Drive Wheel	Recommended load , kg (lbs)								
		Speed , km/h (mph)													
		Free rolling					Drive wheel								
		Bar	10				25	40	50	10	25	40	50		
		Psi	6				16	25	31	6	16	25	31		
500/55-20	16	503 19.8	1058 41.6	481 18.9	3165 124.6	10 PR 150 A8 FR 138 A8 DW	1.8	3960	3370	2830	2550	2790	2370	1990	1791
							26	8712	7414	6226	5610	6138	5214	4378	3940
							2	4210	3580	3010	2710	2970	2520	2120	1908
							29	9262	7876	6622	5962	6534	5544	4664	4198
							2.2	4450	3780	3180	2860	3140	2670	2240	2016
							32	9790	8316	6996	6292	6908	5874	4928	4435
							2.4	4690	3990	3350	3020	3300	2810	2360	2124
35	10318	8778	7370	6644	7260	6182	5192	4673							
500/55-20	16	503 19.8	1058 41.6	481 18.9	3165 124.6	12 PR 155 A8 FR 143 A8 DW	2.5	4700	4000	3360	3020	3290	2800	2350	2115
							36	10340	8800	7392	6644	7238	6160	5170	4653
							2.7	4910	4180	3510	3160	3440	2930	2460	2214
							39	10802	9196	7722	6952	7568	6446	5412	4871
							2.9	5120	4360	3660	3290	3600	3060	2570	2313
							42	11264	9592	8052	7238	7920	6732	5654	5089
							3.2	5430	4610	3875	3490	3820	3240	2725	2452.5
46	11946	10142	8525	7678	8404	7128	5995	5396							

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

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