



FTB 190

New Product Release Document

Marketing Department.
December 08, 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 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

Release Month: December'21

Brand: ASCENSO

Tread Pattern : FTB 190

Tyre Construction: Bias

Type: Tube Less

Main Applications: Baler and Trailers

TRA Code : I-3

List of Sizes

Size	PR
400/60-15.5	14
400/60-15.5	16
500/50-17	14
500/50-17	18
500/45-22.5	16
500/60-22.5	16
550/45-22.5	16,20
550/60-22.5 V	16
550/60-22.5	16,20
600/50-22.5	16
700/40-22.5	16
700/50-22.5	16
400/55-22.5	14
600/55-22.5	16
700/50-26.5	16
800/45-26.5	16
600/55-26.5	16



Salient Features

Optimized Flotation Design:

- Reduces soil compaction
- Generates traction
- Better self cleaning properties

Enhanced Carcass Construction:

Ensures high load carrying capacity



Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Recommended load , kg (lbs)								
		SW	OD				Speed , km/h (mph)								
		mm	mm				Free rolling				Drive wheel				
		in	in				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	14 PR 145A8 FR 141B FR 132A8 DW 128B DW	2.7	3430	2920	2450	2210	2370	2010	1690	1521
							39	7546	6424	5390	4862	5214	4422	3718	3346
							3	3650	3110	2610	2350	2520	2140	1800	1620
							44	8030	6842	5742	5170	5544	4708	3960	3564
							3.3	3860	3280	2760	2480	2660	2260	1900	1710
							48	8492	7216	6072	5456	5852	4972	4180	3762
							3.6	4060	3450	2900	2610	2800	2380	2000	1800
							52	8932	7590	6380	5742	6160	5236	4400	3960
						16 PR 148A8 FR 144B FR 136A8 DW 132B DW	3.2	3770	3200	2690	2420	2670	2270	1910	1719
							46	8294	7040	5918	5324	5874	4994	4202	3782
							3.5	3960	3370	2830	2550	2810	2390	2010	1809
							51	8712	7414	6226	5610	6182	5258	4422	3980
							3.8	4160	3530	2970	2670	2950	2510	2110	1899
							55	9152	7766	6534	5874	6490	5522	4642	4178
4.2	4410	3750	3150	2840	3140	2670	2240	2016							
61	9702	8250	6930	6248	6908	5874	4928	4435							

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Recommended load , kg (lbs)								
		SW	OD				Speed , km/h (mph)								
		mm	mm				Free rolling				Drive wheel				
		in	in				Bar	10	25	40	50	10	25	40	50
							Psi	6	16	25	31	6	16	25	31
500/50-17	16	503 19.8	932 36.7	423 16.7	2788 109.8	14 PR 149A8 FR 145 B FR 137A8 DW 133 B 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
						18 PR 157A8 FR 154 B FR 145A8 DW 142 B DW	3	4890	4150	3490	3140	3430	2920	2450	2205
							44	10758	9130	7678	6908	7546	6424	5390	4851
							3.3	5170	4390	3690	3320	3630	3080	2590	2331
							48	11374	9658	8118	7304	7986	6776	5698	5128
							3.6	5430	4620	3880	3490	3820	3250	2730	2457
							52	11946	10164	8536	7678	8404	7150	6006	5405
4	5780	4910	4125	3710	4060	3450	2900	2610							
58	12716	10802	9075	8162	8932	7590	6380	5742							

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	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
		in	in	in	in	Psi	6	16	25	31	6	16	25	31	
500/45-22.5	16	513 20.2	1022 40.2	472 18.6	3057 120.3	16 PR 154A8 FR 150B FR 142A8 DW 138B DW	2.7	4440	3770	3170	2850	3140	2670	2240	2016
							39	9768	8294	6974	6270	6908	5874	4928	4435
							3	4720	4010	3370	3030	3330	2830	2380	2142
							44	10384	8822	7414	6666	7326	6226	5236	4712
							3.3	4980	4240	3560	3200	3530	3000	2520	2268
							48	10956	9328	7832	7040	7766	6600	5544	4990
							3.6	5250	4460	3750	3380	3710	3150	2650	2385
	52	11550	9812	8250	7436	8162	6930	5830	5247						
500/60-22.5	16	503 19.8	1172 46.2	534 21.0	3506 138.0	16 PR 163A8 FR 159B FR 151A8 DW 148B DW	2.5	5750	4890	4110	3770	4060	3450	2900	2610
							36	12650	10758	9042	8140	8932	7590	6380	5742
							2.7	6020	5120	4300	3870	4240	3610	3030	2727
							39	13244	11264	9460	8514	9328	7942	6666	5999
							2.9	6270	5330	4480	4030	4420	3760	3160	2844
							42	13794	11726	9856	8866	9724	8272	6952	6257
							3.2	6650	5650	4750	4280	4690	3990	3350	3015
							46	14630	12430	10450	9416	10318	8778	7370	6633

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/Sl or PR	Recommended load , kg (lbs)								
		SW	OD				Speed , km/h (mph)								
		mm	mm	Free rolling				Drive wheel							
		In	in	mm	mm		10	25	40	50	10	25	40	50	
				in	in		Psi	6	16	25	31	6	16	25	31
550/45-22.5	16	558 21.9	1070 42.1	492 19.4	3201 126.0	16 PR 159A8 FR 156 B FR 147A8 DW 143 B DW	2.2	5170	4390	3690	3320	3640	3090	2600	2340
							32	11374	9658	8118	7304	8008	6798	5720	5148
							2.4	5430	4620	3880	3490	3840	3260	2740	2466
							35	11946	10164	8536	7678	8448	7172	6028	5425
							2.6	5700	4840	4070	3660	4020	3420	2870	2583
							38	12540	10648	8954	8052	8844	7524	6314	5683
							2.8	5950	5060	4250	3830	4200	3570	3000	2700
							41	13090	11132	9350	8426	9240	7854	6600	5940
						20 PR 166A8 FR 162 B FR 154A8 DW 150 B DW	3	6260	5320	4470	4020	4440	3770	3170	2853
							44	13772	11704	9834	8844	9768	8294	6974	6277
							3.3	6620	5630	4730	4260	4690	3990	3350	3015
							48	14564	12386	10406	9372	10318	8778	7370	6633
							3.6	6970	5930	4980	4480	4940	4200	3530	3177
							52	15334	13046	10956	9856	10868	9240	7766	6989
550/60-22.5 V	16	553 21.8	1240 48.8	562 22.1	3702 145.7	16 PR 166A8 FR 162 B FR 154 A8 DW 150B DW	2.3	6340	5390	4530	4080	4490	3820	3210	2889
							33	13948	11858	9966	8976	9878	8404	7062	6356
							2.5	6660	5660	4760	4280	4720	4010	3370	3033
							36	14652	12452	10472	9416	10384	8822	7414	6673
							2.7	6970	5930	4980	4480	4940	4200	3530	3177
							39	15334	13046	10956	9856	10868	9240	7766	6989
							3	7420	6310	5300	4770	5250	4460	3750	3375
							44	16324	13882	11660	10494	11550	9812	8250	7425

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Recommended load , kg (lbs)								
		SW	OD				Speed , km/h (mph)								
		mm	mm				Free rolling				Drive wheel				
		in	in				Bar	10	25	40	50	10	25	40	50
							Psi	6	16	25	31	6	16	25	31
550/60-22.5	16	553 21.7	1240 48.8	562 22.2	3709 146.0	16 PR 166 A8 FR 162 B FR 154 A8 DW 150 B DW	2.3	6340	5390	4530	4080	4490	3820	3210	2889
							33	13948	11858	9966	8976	9878	8404	7062	6356
							2.5	6660	5660	4760	4280	4720	4010	3370	3033
							36	14652	12452	10472	9416	10384	8822	7414	6673
							2.7	6970	5930	4980	4480	4940	4200	3530	3177
							39	15334	13046	10956	9856	10868	9240	7766	6989
							3	7420	6310	5300	4770	5250	4460	3750	3375
							44	16324	13882	11660	10494	11550	9812	8250	7425
						20 PR 171 A8 FR 167 B FR 158 A8 DW 154 B DW	2.7	7390	6280	5280	4750	5100	4330	3640	3276
							39	16258	13816	11616	10450	11220	9526	8008	7207
							2.9	7710	6560	5510	4960	5320	4520	3800	3420
							42	16962	14432	12122	10912	11704	9944	8360	7524
							3.2	8180	6950	5840	5260	5640	4800	4030	3627
							46	17996	15290	12848	11572	12408	10560	8866	7979
3.5	8610	7320	6150	5540	5950	5060	4250	3825							
51	18942	16104	13530	12188	13090	11132	9350	8415							

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

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Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Recommended load , kg (lbs)								
		SW	OD				Speed , km/h (mph)								
		mm	mm				Free rolling				Drive wheel				
		In	in				mm	mm	mm	mm	Bar	10	25	40	50
600/50-22.5	20	611 24.0	1172 46.2	534 21.0	3506 138.0	16 PR 165 A8 FR 161 B FR 153 A8 DW 149 B DW	2.2	6260	5320	4470	4020	4440	3770	3170	2853
							32	13772	11704	9834	8844	9768	8294	6974	6277
							2.4	6580	5590	4700	4230	4680	3970	3340	3006
							35	14476	12298	10340	9306	10296	8734	7348	6613
							2.6	6900	5890	4930	4440	4900	4170	3500	3150
							38	15180	12914	10846	9768	10780	9174	7700	6930
							2.8	7210	6130	5150	4640	5110	4340	3650	3285
							41	15862	13486	11330	10208	11242	9548	8030	7227
700/40-22.5	24	727 44.9	1140 44.9	521 20.5	3410 134.3	16 PR 166 A8 FR 162 B FR 154 A8 DW 150 B DW	2	6370	5410	4550	4100	4510	3830	3220	2898
							29	14014	11902	10010	9020	9922	8426	7084	6376
							2.2	6730	5720	4810	4330	4760	4050	3400	3060
							32	14806	12584	10582	9526	10472	8910	7480	6732
							2.4	7080	6020	5060	4550	5010	4260	3580	3222
							35	15576	13244	11132	10010	11022	9372	7876	7088
							2.6	7420	6310	5300	4770	5250	4460	3750	3375
							38	16324	13882	11660	10494	11550	9812	8250	7425

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Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	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	40	50
							in	In	Psi	6	16	25	31	6	16	25	31
700/50-22.5	20	727 28.6	1270 50.0	574 22.6	3799 149.6	16 PR 174A8 FR 170B FR 162A8 DW 158B DW	2.2	8160	6940	5830	5250	5770	4900	4120	3708		
							32	17952	15268	12826	11550	12694	10780	9064	8158		
							2.4	8580	7290	6130	5520	6080	5160	4340	3906		
							35	18876	16038	13486	12144	13376	11352	9548	8593		
							2.6	8990	7640	6420	5780	6370	5410	4550	4095		
							38	19778	16808	14124	12716	14014	11902	10010	9009		
							2.8	9380	7970	6700	6030	6650	5650	4750	4275		
400/55-22.5	13	404 15.9	1020 40.2	471 18.5	3051 120.1	14 PR 150A8 FR 146 B FR 138A8 DW 134 B DW	2.3	4020	3420	2870	2580	2830	2400	2020	1818		
							33	8844	7524	6314	5676	6226	5280	4444	4000		
							2.5	4210	3580	3010	2710	2970	2520	2120	1908		
							36	9262	7876	6622	5962	6534	5544	4664	4198		
							2.7	4410	3750	3150	2840	3110	2640	2220	1998		
							39	9702	8250	6930	6248	6842	5808	4884	4396		
							3	4690	3990	3350	3020	3300	2810	2360	2124		
600/55-22.5	20	611 24.0	1232 48.5	559 22	3685 145.7	16PR 169A8 FR 166 B FR 156A8 DW 153 B DW	2	6960	5910	4970	4470	4800	4080	3430	3087		
							29	15312	13002	10934	9834	10560	8976	7546	6791		
							2.2	7360	6260	5260	4730	5080	4320	3630	3267		
							32	16192	13772	11572	10406	11176	9504	7986	7187		
							2.4	7740	6580	5530	4980	5350	4550	3820	3438		
							35	17028	14476	12166	10956	11770	10010	8404	7564		
							2.6	8120	6900	5800	5220	5600	4760	4000	3600		
							38	17864	15180	12760	11484	12320	10472	8800	7920		

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Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	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	40	50
							in	In	Psi	6	16	25	31	6	16	25	31
600/55-26.5	20	611 24.1	1333 52.5	609 24.0	3987 157.0	16 PR 170 A8 FR 167 B FR 159 A8 DW 156 B DW	2	7210	6130	5150	4640	5250	4460	3750	3375		
							29	15862	13486	11330	10208	11550	9812	8250	7425		
							2.2	7630	6490	5450	4910	5540	4710	3960	3564		
							32	16786	14278	11990	10802	12188	10362	8712	7841		
							2.4	8020	6820	5730	5160	5840	4960	4170	3753		
							35	17644	15004	12606	11352	12848	10912	9174	8257		
							2.6	8400	7140	6000	5400	6130	5210	4375	3938		
38	18480	15708	13200	11880	13486	11462	9625	8663									
700/50-26.5	20	727 26.8	1333 52.4	609 23.9	3987 156.9	16PR 174 A8 FR 170 B FR 162 A8 DW 158 B DW	1.8	7920	6740	5660	5090	5610	4770	4010	3609		
							26	17424	14828	12452	11198	12342	10494	8822	7940		
							2	8430	7160	6020	5420	5980	5080	4270	3843		
							29	18546	15752	13244	11924	13156	11176	9394	8455		
							2.2	8920	7580	6370	5730	6310	5370	4510	4059		
							32	19624	16676	14014	12606	13882	11814	9922	8930		
							2.4	9380	7970	6700	6030	6650	5650	4750	4275		
35	20636	17534	14740	13266	14630	12430	10450	9405									

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Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	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	40	50
							in	in	Psi	6	16	25	31	6	16	25	31
800/45-26.5	24	828 32.5	1393 54.8	634 24.9	4167 164	16PR 177 A8 FR 173 B FR 164 A8 DW 160 B DW	1.7	8790	7470	6280	5650	6020	5120	4300	3870		
							25	19338	16434	13816	12430	13244	11264	9460	8514		
							1.8	9090	7720	6490	5840	6230	5300	4450	4005		
							26	19998	16984	14278	12848	13706	11660	9790	8811		
							2	9660	8210	6900	6210	6620	5630	4730	4257		
							29	21252	18062	15180	13662	14564	12386	10406	9365		
							2.2	10220	8690	7300	6570	7000	5950	5000	4500		
							32	22484	19118	16060	14454	15400	13090	11000	9900		

Note: All tyres confirm to ETRTO standards

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