



# TSB 110

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## New Product Release Document

Marketing Department.  
December 09, 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:** September'20

**Brand:** ASCENSO

**Tread Pattern :** TSB 110

**Tyre Construction:** Bias

**Type:** Tube Type

**Main Applications:** 2 WD Tractor

**TRA Code:** F2

List of Sizes

Size	PR
5.00-15	6
5.50-16	6
6.00-16	6,8
6.50-16	6
7.50-16	8,10
9.00-16	10
10.00-16	10
11.00-16	10
7.50-18	8
4.00-19	6
6.00-19	6
7.50-20	8



## Salient Features

### **Wider Centre Rib:**

Ease in steering & prevents damage to the grass land

### **High Strength Nylon Carcass:**

Provides stability to the machine & ensures durability

### **Special Tread Compound:**

Provides longer tyre life  
Resistance to puncture



# Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h(mph)					
		mm	mm	Mixed Application									
		in	in	mm	mm		Bar	Static	10	20	25	30	40
				in	in		Psi		6	12	15	20	25
5.00-15	4.00E	130 5.1	664 26.1	308 12.1	1986 78.2	6 PR 76 A8	3.2	1020	680	470	440	380	340
							46	2250	1500	1040	970	840	750
							3.5	1080	720	500	460	400	360
							51	2380	1590	1100	1010	880	790
							3.8	1140	760	520	490	420	380
							55	2510	1670	1150	1080	930	840
							4.15	1200	800	550	510	440	400
60	2640	1760	1210	1120	970	880							
5.50-16	4.00E	150 5.9	713 28.1	330 13.0	2133 84.0	6PR 82 A8	2.2	1020	680	470	440	380	340
							32	2250	1500	1040	970	840	750
							2.6	1140	760	520	490	420	380
							38	2510	1670	1150	1080	930	840
							3.0	1230	820	560	520	460	410
							44	2710	1810	1230	1150	1010	900
							3.85	1430	950	650	610	530	475
56	3150	2090	1430	1340	1170	1050							
6.00-16	4.50E	159 6.3	739 29.1	341 13.4	2211 87.0	6PR 85 A8	2.7	1290	860	590	550	480	430
							39	2840	1890	1300	1210	1060	950
							3.0	1380	920	630	590	510	460
							44	3040	2030	1390	1300	1120	1010
							3.3	1470	980	680	630	540	490
							48	3240	2160	1500	1390	1190	1080
							3.6	1550	1030	710	660	570	515
52	3410	2270	1560	1450	1260	1130							

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		SW	OD					Speed, km/h(mph)							
		mm	mm	Mixed Application											
		in	in	mm	mm		Bar	Static	10	20	25	30	40		
				mm	mm	mm	mm	Psi		6	12	15	20	25	
6.00-16	4.50E	159	739	341	2211	8 PR 91 A8	3.6	1560	1040	720	670	580	520		
							52	3440	2290	1590	1480	1280	1150		
							3.9	1650	1100	760	700	610	550		
							57	3630	2420	1670	1540	1340	1210		
							4.3	1740	1160	800	740	640	580		
							62	3830	2560	1760	1630	1410	1280		
							4.7	1850	1230	850	790	680	615		
						68	4070	2710	1870	1740	1500	1350			
7.50-16	5.50F	203	808	369	2417	8PR 99 A8	2.9	1950	1300	900	830	720	650		
							42	4300	2860	1980	1830	1590	1430		
							3.2	2070	1380	950	880	770	690		
							46	4560	3040	2090	1940	1700	1520		
							3.5	2190	1460	1010	930	810	730		
							51	4820	3220	2220	2050	1780	1610		
							3.85	2330	1550	1070	990	860	775		
								56	5130	3410	2360	2180	1890	1710	
				8.0	31.8	14.5	95.2	10 PR 104 A8	3.6	2280	1520	1050	970	840	760
									52	5020	3350	2310	2140	1850	1670
									3.9	2400	1600	1100	1020	890	800
									57	5290	3520	2420	2250	1960	1760
									4.3	2550	1700	1170	1090	940	850
									62	5620	3740	2580	2400	2070	1870
4.75	2700								1800	1240	1150	1000	900		
						69	5950	3960	2730	2530	2200	1980			

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		SW	OD					Speed, km/h(mph)										
								Mixed Application										
		mm	mm					10	20	25	30	40						
		in	in										Bar	Static	6	12	15	20
						Psi												
9.00-16	6.0F	234	856	389	2561	10PR	3.2	2820	1880	1300	1200	1040	940					
							46	6210	4140	2860	2640	2290	2070					
							3.5	2970	1980	1370	1270	1100	990					
							51	6540	4360	3020	2800	2420	2180					
							9.2	33.7	15.3	100.8	111 A8	3.8	3120	2080	1440	1330	1150	1040
							55	6870	4580	3170	2930	2530	2290					
							<b>4.15</b>	3270	2180	1500	1400	1210	<b>1090</b>					
							60	7200	4800	3300	3080	2670	2400					
10.00-16	W8L	274	894	405	2674	10PR	2.6	3090	2060	1420	1320	1140	1030					
							38	6810	4540	3130	2910	2510	2270					
							2.8	3240	2160	1490	1380	1200	1080					
							41	7140	4760	3280	3040	2640	2380					
							10.8	35.2	15.9	105.3	115 A8	3.1	3450	2300	1590	1470	1280	1150
							45	7600	5070	3500	3240	2820	2530					
							<b>3.4</b>	3650	2430	1680	1560	1350	<b>1215</b>					
							49	8040	5350	3700	3440	2970	2680					

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		SW	OD					Speed, km/h(mph)					
		mm	mm	mm	mm		Mixed Application						
		in	in	in	In		Bar	Static	10	20	25	30	40
							Psi		6	12	15	20	25
11.00-16	W10L	315 12.4	967 38.1	435 17.1	2893 113.9	10PR 118 A8	2.5	3390	2260	1560	1450	1250	1130
							36	7470	4980	3440	3190	2750	2490
							2.7	3540	2360	1630	1510	1310	1180
							39	7800	5200	3590	3330	2890	2600
							3.0	3750	2500	1730	1600	1390	1250
							44	8260	5510	3810	3520	3060	2750
							<b>3.3</b>	3960	2640	1820	1690	1470	<b>1320</b>
							48	8720	5810	4010	3720	3240	2910
7.50-18	5.50F	203 8.0	859 33.8	395 15.6	2570 101.2	8PR 102 A8	2.9	2160	1440	990	920	800	720
							42	4760	3170	2180	2030	1760	1590
							3.2	2280	1520	1050	970	840	760
							46	5020	3350	2310	2140	1850	1670
							3.5	2400	1600	1100	1020	890	800
							51	5290	3520	2420	2250	1960	1760
							<b>3.85</b>	2550	1700	1170	1090	940	<b>850</b>
							56	5620	3740	2580	2400	2070	1870



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		in	in	mm	mm		Bar	Static	10	20	25	30	40
				In	in		Psi		6	12	15	20	25
4.00-19	3.00D	112 4.4	717 28.2	338 13.3	2145 84.4	4 PR 69 A8	2.7	810	540	370	350	300	270
							39	1780	1190	810	770	660	590
							3.0	870	580	400	370	320	290
							44	1920	1280	880	810	700	640
							3.3	930	620	430	400	340	310
							48	2050	1370	950	880	750	680
							3.6	980	650	450	420	360	325
							52	2160	1430	990	930	790	720
6.00-19	4.50E	165 6.5	815 32.1	379 14.9	2438 96.0	6PR 89 A8	2.7	1470	980	680	630	540	490
							39	3240	2160	1500	1390	1190	1080
							3.0	1560	1040	720	670	580	520
							44	3440	2290	1590	1480	1280	1150
							3.3	1650	1100	760	700	610	550
							48	3630	2420	1670	1540	1340	1210
							3.6	1740	1160	800	740	640	580
							52	3830	2560	1760	1630	1410	1280

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		SW	OD					Speed, km/h(mph)					
		mm	mm	Mixed Application									
		in	in	mm	mm		Bar	Static	10	20	25	30	40
mm	mm	in	in	Psi	6	12	15		20	25			
7.50-20	5.50F	203	909	420	2719	8PR	2.9	2340	1560	1080	1000	870	780
							42	5150	3440	2380	2200	1920	1720
							3.2	2490	1660	1150	1060	920	830
							46	5480	3660	2530	2330	2030	1830
		8.0	35.8	16.5	107.0	105 A8	3.5	2610	1740	1200	1110	970	870
							51	5750	3830	2640	2440	2140	1920
							<b>3.85</b>	2780	1850	1280	1180	1030	<b>925</b>
							56	6120	4070	2820	2600	2270	2040

**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