



# TSB 110

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## New Product Release Document

Marketing Department.  
January 20, 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:** January'21

**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
5.50-16	6
6.00-16	6
7.50-16	8,10
9.00-16	10
10.00-16	10
11.00-16	10
7.50-18	8
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)										
								Mixed Application										
								Bar	Static	10	20	25	30	40				
Psi	6	12	15	20	25													
5.50-16	4.00E	150	713	330	2133	6PR	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					
							5.9	28.1	13.0	84.0	82 A8	3.0	1230	820	560	520	460	410
							44	2710	1810	1230	1150	1010	900					
							<b>3.85</b>	1430	950	650	610	530	<b>475</b>					
56	3150	2090	1430	1340	1170	1050												
6.00-16	4.50E	159	739	341	2211	6PR	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					
							6.3	29.1	13.4	87.0	85 A8	3.3	1470	980	680	630	540	490
							48	3240	2160	1500	1390	1190	1080					
							<b>3.6</b>	1550	1030	710	660	570	<b>515</b>					
52	3410	2270	1560	1450	1260	1130												

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		SW	OD					Speed, km/h(mph)						
		Mixed Application												
		mm	mm	mm	mm		Bar	Static	10	20	25	30	40	
		in	in	in	in		Psi		6	12	15	20	25	
7.50-16	5.50F	203	808	369	2417	8PR	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	
							<b>3.85</b>	2330	1550	1070	990	860	<b>775</b>	
		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
<b>4.75</b>	2700							1800	1240	1150	1000	<b>900</b>		
69	5950	3960	2730	2530	2200	1980								

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Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommend load, kg (lbs)					
		Speed, km/h(mph)											
		Mixed Application											
		Bar	Static					10	20	25	30	40	
		Psi						6	12	15	20	25	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
in	in	in	in	in	in	in	in	in	in	in	in		
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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		mm	mm	mm	mm			Mixed Application										
		in	in	in	in		Bar	Static	10	20	25	30	40					
				Psi	6	12	15		20	25								
6.00-19	4.50E	165	815	379	2438	6PR	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					
							6.5	32.1	14.9	96.0	89 A8	3.3	1650	1100	760	700	610	550
							48	3630	2420	1670	1540	1340	1210					
							<b>3.6</b>	1740	1160	800	740	640	<b>580</b>					
							52	3830	2560	1760	1630	1410	1280					
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

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