



# TDB 121

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## Product Data Sheet

Marketing  
Department.  
December 28, 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 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)

**Release Month:** December'22

**Brand:** ASCENSO

**Tread Pattern :** TDB 121

**Tyre Construction:** Bias

**Type:** Tube Type

**Main Applications:** Tractor

**TRA Code :** R-1W+

List of Sizes

Size	PR
5-12	6
6-12	6
6-14	4
9.5-18	8
8.3-20	8
9.5-20	8
9.5-24	8
12.4-24	8
12.4-28	12
13.6-28	12
14.9-28	12
16.9-28	12



## Salient Features

- Optimized Lug distribution to support **excellent traction and self-cleaning for puddling operation**
- Better inner volume to give **higher traction in wet & moist soil conditions**
- Good lateral traction gives **operational stability**



# Technical Specification

Size	Rim Width (inch)	Unloaded Dimension		SLR	RC	PR LOAD INDEX / SPEED SYMBO L	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm	mm					10	15	20	25	30	40
		inch	inch					6	9	12	16	19	25
5-12	4JA	127 5	528 20.7	244 9.6	1579 62.1	6PR 64A6 60A8	2	280	260	240	210	200	180
							29	620	570	530	460	440	400
							2.5	320	300	280	250	230	210
							36	700	660	620	550	510	460
							3	360	340	310	280	260	230
							44	790	750	680	620	570	510
							3.5	390	360	340	300	280	250
6-12	5JA	155 6.10	577 22.7	265 10.4	1726 67.9	6PR 71A6 67A8	1.6	360	340	310	280	260	230
							23	790	750	680	620	570	510
							2	420	390	360	320	300	270
							29	920	860	790	700	660	590
							2.4	460	430	400	350	330	300
							35	1010	950	880	770	730	660
							2.6	480	450	410	370	345	310
38	1060	990	900	810	760	680							
6-14	5JA	155 6.10	627 24.6	290 11.4	1875 73.8	4PR 66A6 63A8	0.8	250	230	220	190	180	160
							12	550	510	480	420	400	350
							1.2	320	300	280	250	230	210
							17	700	660	620	550	510	460
							1.6	380	350	320	290	270	240
							23	840	770	700	640	590	530
							1.9	420	390	360	320	300	270
							28	920	860	790	700	660	590

**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

# Technical Specification

Size	Rim Width (inch)	Unloaded Dimension		SLR	RC	PR LOAD INDEX / SPEED SYMBO L	Inflation Pressure	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm	mm					mm	mm	Bar	10	15	20	25	30	40
		inch	inch					inch	inch	Psi	6	9	12	16	19	25
9.5-18	W8	241 9.48	900 35.4	411 16.18	2692 105.9	8PR 105A6 101A8	2	1020	950	880	780	730	660			
							29	2240	2090	1940	1720	1610	1450			
							2.4	1130	1050	970	870	810	730			
							35	2490	2310	2130	1910	1780	1610			
							2.8	1250	1160	1070	950	890	800			
							41	2750	2550	2350	2090	1960	1760			
							3	1300	1200	1110	990	925	830			
8.3-20	W7	211 8.30	892 35.1	412 16.2	2668 105	8PR 101A6 98A8	2	870	810	740	660	620	560			
							29	1910	1780	1630	1450	1360	1230			
							2.4	970	900	830	740	690	620			
							35	2130	1980	1830	1630	1520	1360			
							2.8	1060	990	910	810	760	680			
							41	2330	2180	2000	1780	1670	1500			
							3.2	1160	1070	990	880	825	740			
9.5-20	W8	241 9.48	955 37.5	438 17.24	2856 112.4	8PR 107A6 103A8	1.6	980	910	840	750	700	630			
							23	2160	2000	1850	1650	1540	1390			
							2	1120	1040	960	860	800	720			
							29	2460	2290	2110	1890	1760	1580			
							2.4	1250	1160	1070	950	890	800			
							35	2750	2550	2350	2090	1960	1760			
							2.8	1370	1270	1170	1040	975	880			
41	3010	2790	2570	2290	2150	1940										

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# Technical Specification

Size	Rim Width (inch)	Unloaded Dimension		SLR	RC	PR LOAD INDEX / SPEED SYMBO L	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm	mm					10	15	20	25	30	40
		inch	inch					6	9	12	16	19	25
9.5-24	W8	241 9.4	1050 41.3	486 19	3140 123.6	8PR 111A6 108A8	1.6	1110	1030	950	850	790	710
							23	2440	2270	2090	1870	1740	1560
							2	1260	1170	1080	960	900	810
							29	2770	2570	2380	2110	1980	1780
							2.4	1400	1300	1200	1070	1000	900
							35	3080	2860	2640	2350	2200	1980
							2.8	1530	1420	1310	1170	1090	980
41	3370	3120	2880	2570	2400	2160							
12.4-24	W11	315 12.40	1160 45.66	532 20.94	3469 136.5	8PR 120A6 117A8	1.2	1330	1240	1140	1020	950	860
							17	2930	2730	2510	2240	2090	1890
							1.6	1580	1470	1360	1210	1130	1020
							23	3480	3230	2990	2660	2490	2240
							2	1810	1680	1550	1380	1290	1160
							29	3980	3700	3410	3040	2840	2550
							2.3	1960	1820	1680	1500	1400	1260
33	4310	4000	3700	3300	3080	2770							
12.4-28	W11	315 12.40	1260 49.60	582 22.91	3768 148.3	12PR 131A6 127A8	2	1960	1820	1680	1500	1400	1260
							29	4310	4000	3700	3300	3080	2770
							2.5	2240	2080	1920	1710	1600	1440
							36	4930	4580	4220	3760	3520	3170
							3	2490	2310	2140	1900	1780	1600
							44	5480	5080	4710	4180	3920	3520
							3.5	2730	2540	2340	2090	1950	1760
51	6010	5590	5150	4600	4290	3870							

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Figures in bold are the recommended specification

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# Technical Specification

Size	Rim Width (inch)	Unloaded Dimension		SLR	RC	PR LOAD INDEX / SPEED SYMBOL	Inflation Pressure	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm	mm					10	15	20	25	30	40	
		inch	inch					6	9	12	16	19	25	
13.6-28	W12	345 13.58	1310 51.57	603 23.74	3918 154.2	12PR 134A6 130A8	Bar	2340	2170	2000	1790	1670	1500	
							Psi	29	5150	4770	4400	3940	3670	3300
							2.4	2600	2420	2230	1990	1860	1670	
							35	5720	5320	4910	4380	4090	3670	
							2.8	2860	2650	2450	2180	2040	1840	
							41	6290	5830	5390	4800	4490	4050	
							3	2970	2760	2540	2270	2120	1910	
44	6530	6070	5590	4990	4660	4200								
14.9-28	W13	378 14.8	1370 53.9	627 24.6	4097 161.2	12PR 137A6 133A8	Bar	2440	2260	2090	1860	1740	1570	
							Psi	23	5370	4970	4600	4090	3830	3450
							2	2770	2570	2380	2120	1980	1780	
							29	6090	5650	5240	4660	4360	3920	
							2.2	2930	2720	2510	2240	2090	1880	
							32	6450	5980	5520	4930	4600	4140	
							2.6	3220	2990	2760	2460	2300	2070	
38	7080	6580	6070	5410	5060	4550								
16.9-28	W15L	435 17.12	1440 56.69	656 25.82	4307 169.5	12PR 143A6 139A8	Bar	2550	2370	2180	1950	1820	1640	
							Psi	17	5610	5210	4800	4290	4000	3610
							1.6	3010	2800	2580	2300	2150	1940	
							23	6620	6160	5680	5060	4730	4270	
							2	3430	3190	2940	2620	2450	2210	
							29	7550	7020	6470	5760	5390	4860	
							2.4	3820	3540	3270	2920	2725	2450	
35	8400	7790	7190	6420	6000	5390								

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