

DIAGONAL (BIAS) PLY AGRICULTURAL TRACTOR STEERING WHEEL TIRES USED IN FIELD SERVICE (INCLUDING HILLSIDE COMBINES)

BASIC TIRE LOAD RATINGS FOR TIRE SELECTION

TIRE TYPE NOMENCLATURE		
		MAX. SPEED
		SPEED INDEX
TRA	TIRE TYPE	A8
F-1	Agricultural Single Rib Tread	25 MPH
F-2	Agricultural Multiple Rib Tread	25 MPH
F-3	Industrial Multiple Rib Tread	25 MPH

TIRE SIZE	INFLATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES												
		psi	24	28	32	36	40	44	48	52	56	60	64	68
		kPa	170	190	220	250	280	300	330	360	390	410	440	470
4.00-9 SL	lbs	287 (2)												
	kg	130 (2)												
4.00-15 SL	lbs	355	395	430	465	495	535	565	585(4)					
	kg	160	180	195	212	224	243	257	265(4)					
4.00-19 SL	lbs	420	480	520	565	600	640	675	715(4)					
	kg	190	218	236	257	272	290	307	325(4)					
4.50-10 SL	lbs						540 (4)							
	kg						245 (4)							
5.00-15 SL	lbs	480	535	585	640	675	715(4)							
	kg	218	243	265	290	307	325(4)							
5.50-16 SL	lbs	600	660	715	785	855(4)	910	935	990	1050(6)				
	kg	272	300	325	355	387(4)	412	425	450	475(6)				
6.00-16 SL	lbs	675	760	825	910(4)	965	1020	1070	1140(6)	1200	1230	1280	1360(8)	
	kg	307	345	375	412(4)	437	462	487	515(6)	545	560	580	615(8)	
6.50-16 SL	lbs	785	855	935	1020(4)	1100	1140	1230(6)						
	kg	355	387	425	462(4)	500	515	560(6)						
7.50-16 SL	lbs	990	1100	1200	1320	1390	1480(6)	1570	1650	1710(8)				
	kg	450	500	545	600	630	670(6)	710	750	775(8)				
7.50/8.00-16 SL	lbs	1070	1200(4)	1320	1430	1520(6)	1610	1710	1820(8)	1870	1980	2040(10)		
	kg	487	545(4)	600	650	690(6)	730	775	825(8)	850	900	925(10)		
7.50-18 SL	lbs	1070	1200	1320	1430	1520	1610(6)			1870(8)				
	kg	487	545	600	650	690	730(6)			850(8)				
7.50-20 SL	lbs	1170	1280	1390(4)	1520	1610	1710(6)							
	kg	530	580	630(4)	690	730	775(6)							
10.00-16 SL	lbs	1570	1760	1930(6)	2090	2200	2340(8)		2910 (10)					
	kg	710	800	875(6)	950	1000	1060(8)		1320 (10)					

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THE LEADER IN THE FIELD

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TIRE SIZE	INFLATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES												
		psi	24	28	32	36	40	44	48	52	56	60	64	68
		kPa	170	190	220	250	280	300	330	360	390	410	440	470
11.00-16 SL	lbs	1870	2090	2270(6)	2470	2600(8)	2760	2910	3080	3300	3420(12)			
	kg	850	950	1030(6)	1120	1180(8)	1250	1320	1400	1500	1550(12)			
11.00-24 SL	lbs	2400	2680	2910	3200	3420(8)	3640	3860(10)	4080	4180	4400(12)			
	kg	1090	1215	1320	1450	1550(8)	1650	1750(10)	1850	1900	2000(12)			
LOW SECTION HEIGHT														
7.5L-15 SL	lbs	965	1070	1170	1280	1360	1430(6)							
	kg	437	487	530	580	615	650(6)							
9.5L-15 SL	lbs	1170	1280	1430	1520(6)	1650	1760	1870(8)						
	kg	530	580	650	690(6)	750	800	850(8)						
11L-15 SL	lbs	1390	1570	1710(6)	1870	1980	2090(8)	2200	2340(10)					
	kg	630	710	775(6)	850	900	950(8)	1000	1060(10)					
11L-16 SL	lbs	1480	1650	1760	1930	2090	2200(8)	2340	2470(10)	2540	2680	2760(12)		
	kg	670	750	800	875	950	1000(8)	1060	1120(10)	1150	1215	1250(12)		
14L-16.1 SL	lbs	2270	2540(6)	2830	3000(8)	3200	3420(10)	3640	3860(12)					
	kg	1030	1150(6)	1285	1360(8)	1450	1550(10)	1650	1750(12)					
16.5L-16.1 SL	lbs	2910	3200	3520(8)	3860	4080(10)								
	kg	1320	1450	1600(8)	1750	1850(10)								

NOTES:

- Figures in parentheses denote ply rating for which boldface loads and inflations are maximum.
- Maximum shipping pressures are the maximum inflation pressures for the tire sizes and ply ratings shown.
- For above tires used in cyclic loading service (excluding hillside combines) with speeds up to 6 mph (10 km/h), above loads may be increased 67%. This load increase applies to vehicles that operate on slopes above 11° (20% grade).
- Tire load limits at various speeds with no change in pressure:

MAX. SPEED	% CHANGE IN LOADS IN ABOVE TABLE
Stationary	+200%
10 mph (15 km/h)	+50% (except hillside combines)
15 mph (25 km/h)	+28% (except hillside combines)
20 mph (30 km/h)	+11%
25 mph (40 km/h)	Same As Table
30 mph (50 km/h)	-9% (F-3 tires only)

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