

SMALLER-SIZE HIGH FLOTATION TIRES FOR AGRICULTURAL AND SKID STEER/MINI-LOADER SERVICE

BASIC TIRE LOAD RATINGS FOR TIRE SELECTION

TIRE TYPE NOMENCLATURE		
		MAX. SPEED
		SPEED INDEX
TRA	TIRE TYPE	B
HF-1	Shallow Tread	30 MPH
HF-2	Regular Lug Tread	30 MPH
HF-3	Deep Lug Tread	30 MPH

TIRE SIZE	INFLATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES									
		psi	20	25	30	35	40	45	50	55	60
		kPa	140	170	210	240	280	310	340	380	410
27x8.50-15 NHS (215/70D15)	lbs	965	1100	1230(4)	1320	1430	1570(6)	1650	1760	1820(8)	
	kg	437	500	560(4)	600	650	710(6)	750	800	825(8)	
27x9.50-15 NHS	lbs	990	1140	1280(4)	1390	1480	1610(6)	1710	1820	1870(8)	
	kg	450	515	580(4)	630	670	730(6)	775	825	850(8)	
29x12.00-15 NHS	lbs	1320(4)		1710 (6)							
	kg	600(4)		775 (6)							
31x13.50-15 NHS	lbs	1650(4)	1870	2090(6)	2270	2470	2600(8)	2760	2910	3080(10)	3520 lbs. @ 75 psi (12)
	kg	750(4)	850	950(6)	1030	1120	1180(8)	1250	1320	1400(10)	1600 kg @ 520 kPa (12)
31x15.50 NHS (390/60D15)	lbs	1710(4)	1930	2150(6)	2340	2540	2760(8)				
	kg	775(4)	875	975(6)	1060	1150	1250(8)				

NOTES:

- Figures in parentheses denote ply rating for which boldface loads and inflations are maximum.
- For operations at other speeds, including skid steer/mini-loader service, the loads in the table may be changed as shown below with no change in inflation pressure:

MAX. SPEED	% CHANGE IN LOADS
Stationary	+165%
*Creep	+100%
5 mph (10 km/h)	+58%
10 mph (15 km/h)	+32%
20 mph (30 km/h)	+12%

*Creep speed is a travel speed of not more than 200 feet (61 meters) in a 30 minute period.

FOR RIM AND WHEEL LOAD INFORMATION, SEE IMPORTANT NOTES ON PAGES 174-178.