

HIGH FLOTATION TIRES
USED IN AGRICULTURAL, LOGGING AND
OFF-ROAD SERVICE

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
HF-4	Extra Deep Lug Tread	30 MPH

TIRE SIZE	INFLATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES									
		psi	10	15	20	25	30	35	40	45	50
		kPa	70	100	140	170	210	240	280	310	340
42x25.00-20	lbs	1980	2540	3000	3420	3740 (8)	4180 (10)	4400	4800 (12)		
	kg	900	1150	1360	1500	1700 (8)	1900 (10)	2000	2180 (12)		
48x25.00-20	lbs	3000	3740	4400 (6)	5080	5680 (8)	6150 (10)	6600	7150 (12)	7600 (14)	
	kg	1360	1700	2000 (6)	2300	2575 (8)	2800 (10)	3000	3250 (12)	3450 (14)	
48x31.00-20	lbs	3080	3960	4680 (6)	5360 (8)	5840 (10)	6400	6950 (12)	7400 (14)		
	kg	1400	1800	2120 (6)	2430 (8)	2650 (10)	2900	3150 (12)	3350 (14)		
54x37.00-25	lbs	3960	5080 (6)	6000	6800	7600	8250 (12)		10700 (20) @ 55 psi		
	kg	1800	2300 (6)	2725	3075	3450	3750 (12)		4875 (20) @ 380 kPa		
57x31.00-26	lbs	4180	5360	6150(6)							
	kg	1900	2430	2800(6)							
66x43.00-25	lbs	5840	7400 (6)	8800 (8)	9900 (10)	11000 (12)	12300 (14)	13200 (16)	13900	14800 (20)	
	kg	2650	3350 (6)	4000 (8)	4500 (10)	5000 (12)	5600 (14)	6000 (16)	6300	6725 (20)	
66x43.00-26	lbs	5840	7400 (6)	8800 (8)	9900 (10)	11000 (12)	12000 (14)				
	kg	2650	3350 (6)	4000 (8)	4500 (10)	5000 (12)	5450 (14)				
66x44.00-25	lbs	6000	7600 (6)	9100	10200 (10)	11400	12800	13600 (16)	14300 (20)		
	kg	2725	3450 (6)	4125	4625 (10)	5150	5800	6150 (16)	6500 (20)		
67x34.00-25	lbs	5840	7400	8800	10200(8)	11400(10)	12300(12)	13200(14)			
	kg	2650	3350	4000	4325(8)	5150(10)	5600(12)	6000(14)			
67x34.00-26	lbs	5840	7400	8800	9900 (8)	11000 (10)	12000 (12)	13200 (14)			
	kg	2650	3350	4000	4500 (8)	5000 (10)	5450 (12)	6000 (14)			
68x50.00-32	lbs	5840	7400 (6)	8800 (8)	9900 (12)	11000	12300 (16)		16100 (24) @ 55 psi		
	kg	2650	3350 (6)	4000 (8)	4500 (12)	5000	5600 (16)		7300 (24) @ 380 kPa		
VA73x44.00-32	lbs	6800	8550	10200	11700	12800 (12)	14300	15200 (16)			
	kg	3075	3875	4625	5300	5800 (12)	6500	6900 (16)			

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TIRE SIZE	INFLATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES								
	psi	10	15	20	25	30	35	40	45	50
	kPa	70	100	140	170	210	240	280	310	340
DH73x44.00-32	lbs	6800	8550	10200	11700	12800 (12)	14300	15200 (16)		
	kg	3075	3875	4625	5300	5800 (12)	6500	6900 (16)		
76x50.00-32	lbs	7850	9900	11700	13200	14800	16100 (16)	17600	18700 (20)	
	kg	3550	4500	5300	6000	6700	7300 (16)	8000	8500 (20)	

ENGLISH UNITS OF MEASURE

TIRE SIZE	INFLATION	LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES														
	psi	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64
1050/50R25	LI					162		169		173						
	SINGLES lbs		5840	6950	8050	9350	10500	11700	12800	13600	14300					
	DUALS lbs		5140	6120	7080	8230	9240	10300	11260	11970	12580					
	TRIPLES lbs		4790	5700	6600	7670	8610	9590	10500	11150	11730					

METRIC UNITS OF MEASURE

TIRE SIZE	INFLATION	LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES														
	kPa	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440
	bar	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.4	2.8	3.2	3.6	4	4.4
1050/50R25	LI					162		169		173						
	SINGLES kg		2650	3150	3650	4240	4760	5300	5800	6170	6490					
	DUALS kg		2330	2770	3210	3730	4190	4660	5100	5430	5710					
	TRIPLES kg		2170	2580	3000	3480	3900	4350	4760	5060	5320					

NOTES:

- Figures in parentheses denote ply rating for which loads and inflation maximum.
- For operations at other speeds with no change in inflation pressure, inflations above may be changed as shown below.
- For cycle loading operations where loads increase or decrease, the empty vehicle load per tire must be less than the percentage of the fully laden tire load shown in the chart below. Maximum load may not be carried shown below. Maximum load may not be carried for more than 1 mile (1.6 km) before unloading operation begins. This load increase applies to vehicles which operate up to an 11° slope (20% grade). The factors in the chart apply to loads and inflation pressures in above table.

MAX. SPEED	% CHANGE IN 30 MPH (50 KM/H) 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 rate of not more than 200 feet (61 meters) in a 30-minute period.

FERTILIZER TRUCKS WITH HIGH TORQUE (E.G. WITH INJECTORS)			
CYCLIC EMPTY-TO-FULL PERCENTAGE	MAXIMUM SPEED	CHANGE IN LOADS	CHANGE IN COLD INFLATION PRESSURE
50%	10 mph (15 km/h)	+85%	+5 psi (35 kPa)
50%	15 mph (25 km/h)	+70%	+5 psi (35 kPa)
50%	20 mph (30 km/h)	+50%	+5 psi (35 kPa)
COMBINES & FERTILIZER WITHOUT HIGH TORQUE			
60%	6 mph (10 km/h)	+100%	+5 psi (35 kPa)
60%	10 mph (15 km/h)	+85%	+5 psi (35 kPa)
60%	15 mph (25 km/h)	+70%	+5 psi (35 kPa)
60%	20 mph (30 km/h)	+50%	+5 psi (35 kPa)