

# TABLE H – HIGH FLOTATION TIRES USED IN AGRICULTURAL, LOGGING, AND OFF-THE-ROAD SERVICE

TIRE TYPE NOMENCLATURE		MAX SPEED
TRA	TIRE TYPE	SPEED INDEX 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		LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES								
	psi		10	15	20	25	30	35	40	45	50
	kPa		80	100	110	120	140	150	170	180	190
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)
800/50-25 (54x31.00-25)	lbs.		3740	4680	5520	6400	7150	7850 (12)			
	kg		1700	2120	2500	2900	3250	3550 (12)			
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)		

FOR RIM AND WHEEL LOAD INFORMATION, SEE IMPORTANT NOTES ON PAGES 168-172.

RADIAL FARM

BIAS FARM

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FORESTRY & FLOTATION

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TIRE SIZE	INFLATION		LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES							
	psi	10	15	20	25	30	35	40	45	50
	kPa	80	100	110	120	140	150	170	180	190
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)	
78x45.00-32	lbs	8050	10200	12000	13600 (10)	15200	16500	18200 (16)		
	kg	3650	4325	5450	6150 (10)	6900	7500	8250 (16)		

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)

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.

## NOTES:

- Figures in parentheses in the first table denote ply rating for which loads and inflation pressures are maximum.
- For operations at other speeds with no change in inflation pressure, inflations above may be changed as shown at right.
- Figures in the chart apply to loads and inflation pressures in Table H. For cyclic loading service see Table F2 on page 138. 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 above. Maximum load may not be carried for more than 1 mile (1.6 km) before unloading operation begins. This load increase applies to vehicles that operate up to an 11° slope (20% grade).

FOR RIM AND WHEEL LOAD INFORMATION, SEE IMPORTANT NOTES ON PAGES 168-172.

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