

DIAGONAL (BIAS) PLY LOG SKIDDER DRIVE WHEEL TIRES
USED ON CABLE OR GRAPPLE SKIDDERS
TIRES USED AS SINGLES

BASIC TIRE LOAD RATINGS FOR TIRE SELECTIONS

TIRE TYPE NOMENCLATURE		
		MAX. SPEED
		SPEED INDEX
TRA	TIRE TYPE	A2
LS-2	Immediate Tread	5 MPH
LS-3	Deep Tread	5 MPH

TIRE SIZE	INFLATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES				
	psi	25	30	35	40	45
	kPa	170	210	240	280	310
16.9-30	lbs	6150	7100	7950(10)	8600	9250(14)
	kg	2790	3220	3600(10)	3900	4200(14)
18.4-26	lbs	6900	7950(10)	8950(12)		
	kg	3120	3600(10)	4060(12)		
18.4-34	lbs	7950	8950(10)			
	kg	3600	4060(10)			
23.1-26	lbs	10000(10)	11600	12700(14)	13900 (16)	14980 (20)
	kg	4540(10)	5260	5760(14)	6300 (16)	6800 (20)
24.5-32	lbs	12300	13900(12)	15400(16)	16800 (18)	
	kg	5580	6300(12)	7000(16)	7600 (18)	
LOW SECTION HEIGHT						
28L-26	lbs	11600(12)	13100(14)	14700(16)		
	kg	5260(12)	5940(14)	6650(16)		
30.5L-32	lbs	14700(12)	16400(16)	18500(20)	20000	22000 (26)
	kg	6650(12)	7450(16)	8400(20)	9000	10000 (26)
DH35.5L-32	lbs	19500(16)	22500(20)	24700 (24)		
	kg	8850(16)	10200(20)	11200 (24)		

NOTES:

- Figures in parentheses denote ply rating for which boldface loads and inflations are maximum.
- For shipping purposes, tire inflation pressures may be increased to 30 psi (210 kPa). (Consult tire manufacturer for minimum tire shipping pressure.) This higher inflation pressure must be reduced to operating inflation pressure BEFORE the skidder is removed from the carrier.
- "Tire Load Limit" for log skidders is defined as the maximum load for an individual tire due to the total radial forces imposed on the tire DURING OPERATION. This maximum load includes total vehicle weight with accessories, plus load winching or grappling loads and weight transfer.
- The above table applies only to log skidder tires used on cable or grapple skidders with a maximum speed of 5 mph (10 km/h). For use on other types of logging or forestry equipment or at speeds greater than 5 mph (10 km/h), refer to Table I.
- When used as duals, tire loads must be reduced. Multiply figures in table by .88.
- Consult rim and wheel manufacturer for rims for this type of service.