

MHT 1490

TECHNICAL DATA SHEET

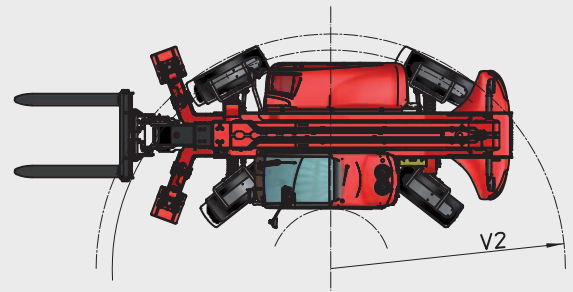
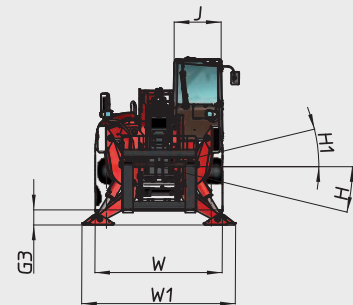
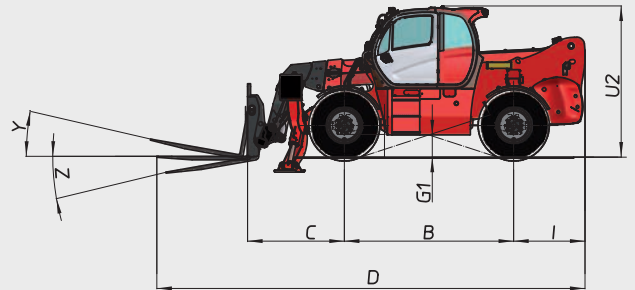


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MHT 1490

	MHT 1490	
	on tyres	on stabilizers
Lifting		
Max. capacity at 600 mm LC	9000 kg	
Max. lifting height	13.65 m	14.00 m
Max. outreach	9.55 m	9.45 m
Unladen time		
Lifting	14.9 s	
Lowering	12.8 s	
Extension	18.9 s	
Retraction	10.8 s	
Tyres	17.5 R25	
Braking		
Parking brake	Negative parking brake	
Engine	Mercedes Stage 4 (Tier IV Final)	
Type	OM 934LA	
Cubic capacity	5100 cm³	
Power	176 HP/129 kW	
Max. torque	750 Nm/1200-1600 rpm	
Laden drawbar pull	10900 daN	
Gradeability (laden)	34 %	
Transmission	Hydrostatic	
Reversing shift	electrohydraulic control	
Number of gears (forward/reverse)	2/2	
Max. travel speed (may vary according to applicable regulations)	40 kph	
Axle	DANA	
Steering mode	4 wheel steer 3 steering modes 	
Controls	JSM® Joystick multi-function load limiter cut off system - EN 15000 norm	
Hydraulics	Piston pump LS	
Load Sensing Pump	180 l/min - 300 bar	
Capacities		
Hydraulic oil	275 l	
Fuel	315 l	
Unladen weight (with forks)	19500 kg	
Dimensions		
C. Front wheel centre to carriage	1.92 m	
B. Wheelbase	3.37 m	
I. Rear wheel centre to rear face	1.41 m	
D. Overall length to carriage	6.71 m	
G1. Ground clearance	0.44 m	
J. Overall width of cab	0.92 m	
W. Overall width	2.50 m	
W1. Overall width (stabilizers lowered)	3.03 m	
U2. Overall height	3.00 m	
Standard forks (length x width x thickness)	1200 x 200 x 60 mm	
Turning radius over tyres (V2)	4.01 m	
Frame levelling (H1/H)	+/- 8°	
Carriage rotation -crowd/dump (Y/Z)	135°	
Noise and vibration		
Noise at driving position (LpA)	82 dB	
Environmental noise (LwA)	106 dB	
Vibration to whole hand/arm	<2.5 m/s²	

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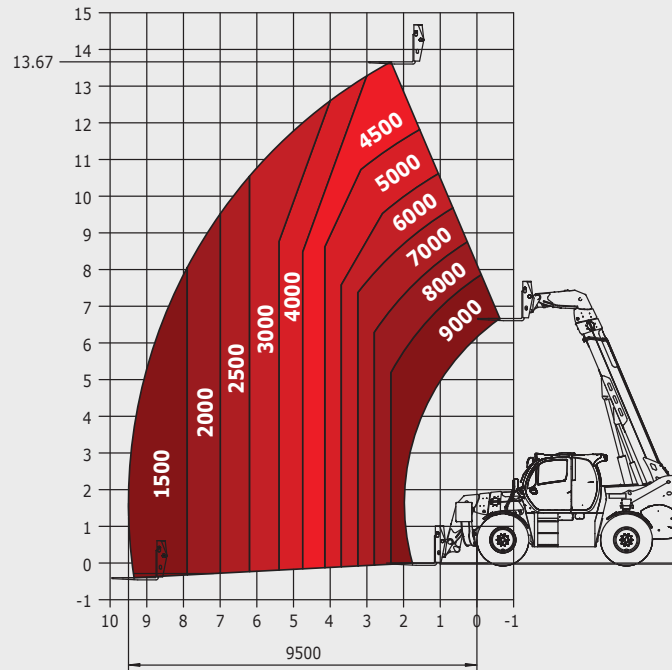
mm	MHT 1490	mm	MHT 1490
A	1200	L	60
B	3370	O	200
C	1865	P2	18°
C1	1795	P3	36°
D	6655	R	3740
D1	6585	S	8550
D2	5495	T	4540
F	2065	U1	2930
F1	2065	U2	3000
G	440	V	5570
G1	440	V1	1030
G2	440	V2	4015
G3	290	W	2510
H	10	W1	3030
H1	10	W2	1280
I	1415	W3	2410
J	930	Y	28°
K	1425	Z	107°

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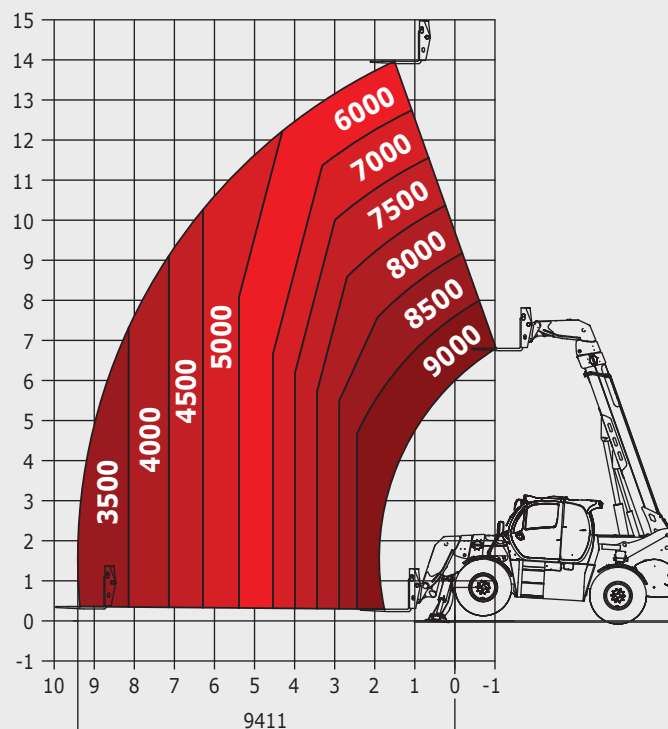
Rough terrain load chart

standard EN1459 B

Machine on tyres with forks 600 mm CDG Forks



Machine on stabilizers with forks 600 mm CDG Forks



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