

MHT 7140


TECHNICAL DATA SHEET



 **MANITOU**

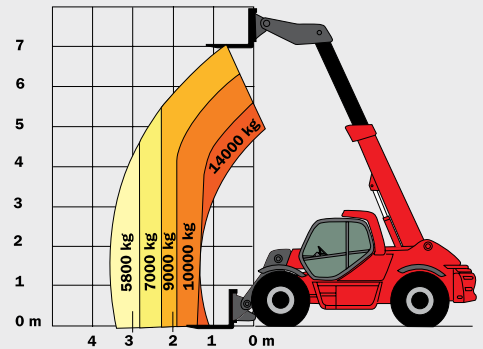
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MHT 7140

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Lifting	
Max. capacity at 600 mm LC	14000 kg
Max. capacity at 1200 mm LC	9000 kg
Max. lifting height	7 m
Unladen time	
Lifting	11.5 s
Lowering	7.8 s
Extension	7.7 s
Retraction	5.1 s
Tyres	
16.00 R 25	
Braking	
Service brake	multiple-disk brake with oil bath on front and rear axles
Parking brake	automatic negative handbrake
Engine	
MERCEDES - STAGE 3A	
Type	OM 904
Cubic capacity	4250 cm ³
Power	175 HP / 129 kW
Max. torque	675 Nm - 1200 rpm
Injection	direct
Cooling	water
Laden drawbar pull	15500 daN
Gradeability (unladen/laden)	100% / 45%
Transmission	
hydrostatic with automatic power regulation 4 wheel drive	
Reversing shift	electro magnetic
Number of gears (forward/reverse)	2/2
Max. travel speed (may vary according to applicable regulations)	25 kph
Axle	OMCI
Steering mode	4 wheel steer 3 steering modes 
Controls	
JSM® Joystick multi-fonction load limiter cut off system - EN15000 norm	
Hydraulics	
Load Sensing Pump	170 l/min - 350 bar
Capacities	
Hydraulic oil	290 l
Fuel	200 l
Unladen weight (with forks)	
20570 kg	
Dimensions	
1. Front wheel centre to carriage	1.33 m
2. Ground clearance	0.44 m
3. Overall length to front tyres	5.98 m
4. Wheelbase	3.40 m
5. Rear wheel centre to rear face	1.25 m
6. Overall width of cab	0.90 m
7. Inside tyre width	2.00 m
8. Overall width	2.48 m
9. Overall height	2.93 m
Standard forks (length x width x thickness)	1500 x 200 x 80 mm
Turning radius (over tyres)	5.59 m
Carriage rotation (crowd/dump)	12°/12°
Noise and vibration	
Noise at driving position (LpA)	79.2 dB
Environmental noise (LwA)	108 dB
Vibration to whole hand/arm	<2.5 m/s ²
Vibration on driver's body	<0.5 m/s ²

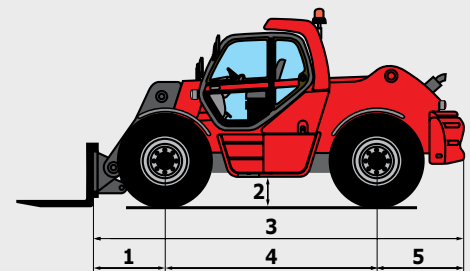
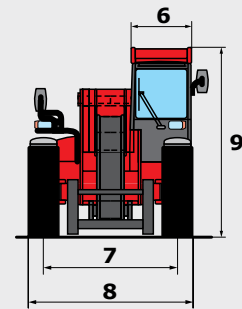
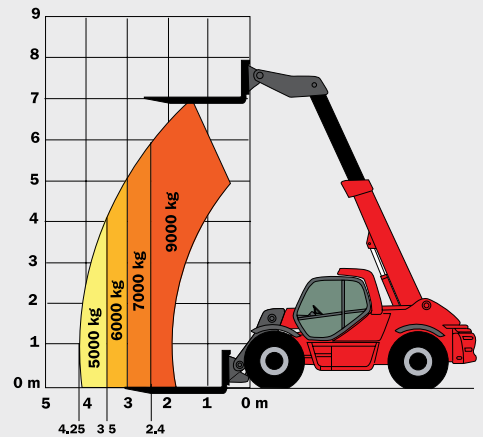
Rough terrain load chart CDG 600

Standard EN1459 B



Rough terrain load chart CDG 1200

Standard EN1459 B



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