

Technical sheet :

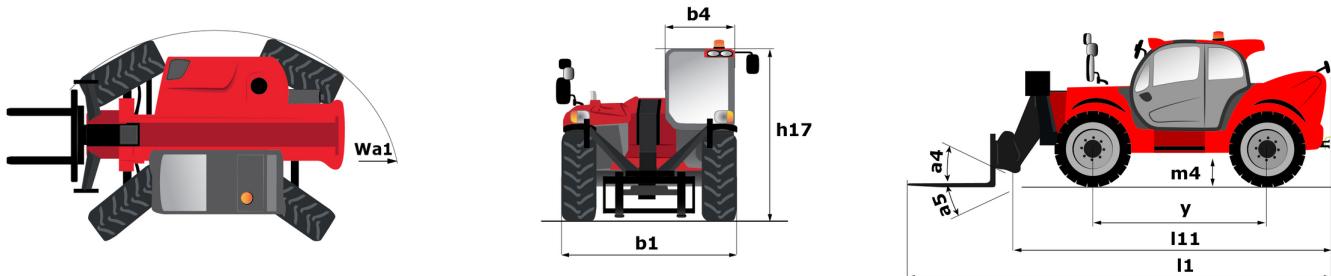
MT 1440



 **MANITOU**
HANDLING YOUR WORLD

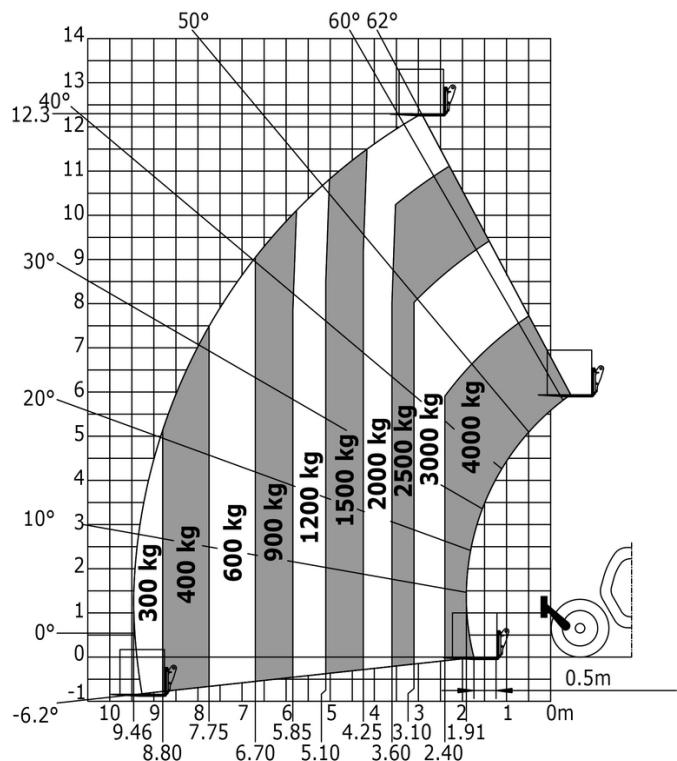
Capacities		Metric	
Max. capacity		4000 kg	
Max. lifting height		13.53 m	
Maximum outreach		9.46 m	
Breakout force with bucket		7895 daN	
Weight and dimensions			
Overall length to carriage	I11	6.02 m	
Length to face of forks	I2	6.13 m	
Overall width	b1	2.36 m	
Overall height	h17	2.45 m	
Wheelbase	y	3.07 m	
Ground clearance	m4	0.37 m	
Overall cab width	b4	0.89 m	
Tilt-up angle	a4	12 °	
Tilt-down angle	a5	114 °	
External turning radius (over tyres)	Wa1	3.94 m	
Unladen weight (with forks)		10940 kg	
Overall weight		11200 kg	
Tires type		Inflatable	
Standard tires		Alliance 400/80 - 24 - 162A8	
Forks length / width / section	I / e / s	1200 mm x 125 mm x 50 mm	
Frame leveling corrector	a9	63 °	
Performances			
Lifting		15.90 s	
Lowering		12.10 s	
Extension		17.10 s	
Retraction		12.70 s	
Crowd		4.30 s	
Dump		3.90 s	
Engine			
Engine brand		Perkins	
Engine norm		Stage IV, Tier 4 final	
Engine model		854F-E34TAN	
Number of cylinders / Capacity of cylinders		4 - 3400 cm³	
Engine power (Hp/kW)		100 Hp / 75 kW	
Max. torque / Engine rotation		430 Nm @ 1400 rpm	
Drawbar pull (Laden)		8090 daN	
Electric circuit			
12V Battery capacity		120 Ah	
Transmission			
Transmission type		Torque converter	
Number of gears (forward / reverse)		4 / 4	
Max. travel speed		24.90 km/h	
Max. travel speed (may vary according to applicable regulations)		25 km/h	
Parking brake		Automatic parking brake	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Hydraulics			
Hydraulic pump type		Gear pump	
Hydraulic flow / Pressure		170 l/min-270 bar	
Tank capacities			
Engine oil		7.50 l	
Hydraulic oil		135 l	
Diesel Exhaust fluid (AdBlue® type)		21.60 l	
Hydraulic tank capacity		13 l	
Fuel		140 l	
Noise and vibration			
Noise at driving position (LpA)		78 dB	
Noise to environment (LwA)		103 dB	
Vibration on hands/arms		2.50 m/s²	
Miscellaneous			
Steering wheels (front / rear)		2 / 2	
Drive wheels (front / rear)		2 / 2	
Safety / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS level 2	
Controls		JSM	

MT 1440 - Dimensional drawing

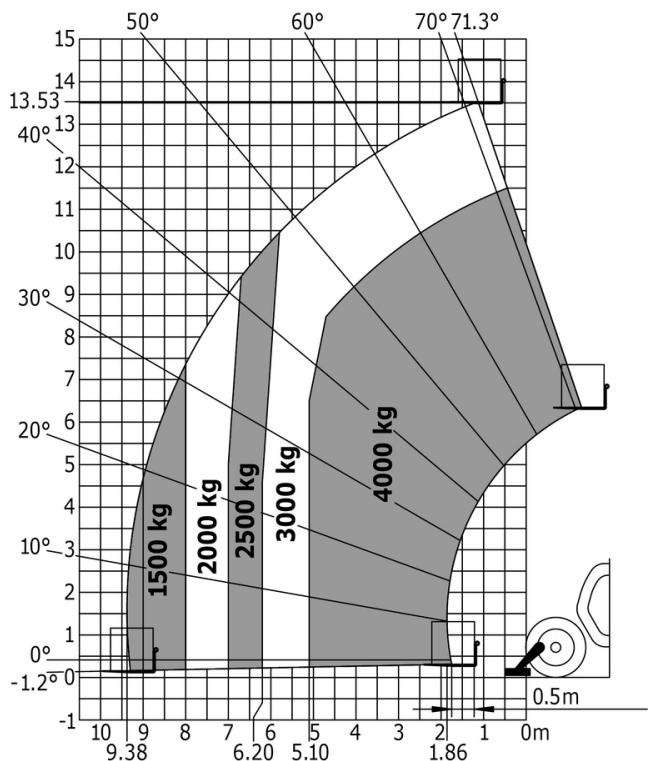


MT 1440 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric





MANITOU HANDLING YOUR WORLD

Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



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