Technical sheet :

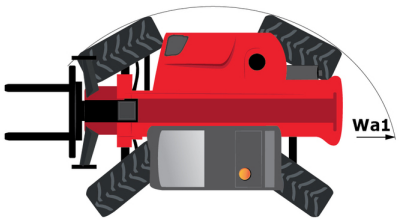
MT 1440

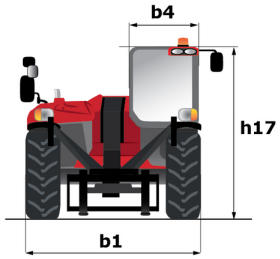


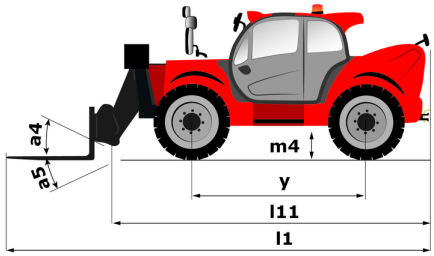
MANITOU
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Max. outreach		9.46 m
Breakout force with bucket		7895 daN
Weight and dimensions		
Overall length to carriage	l11	6.02 m
Length to face of forks	l2	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		Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 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
I.C. Engine power rating - Power		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
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
Fuel tank		140 l
DEF tank capacity		21.60 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 / Safety cab homologation		Standard EN 15000 / ROPS - FOPS level 2 cab
Controls		JSM

MT 1440 - Dimensional drawing

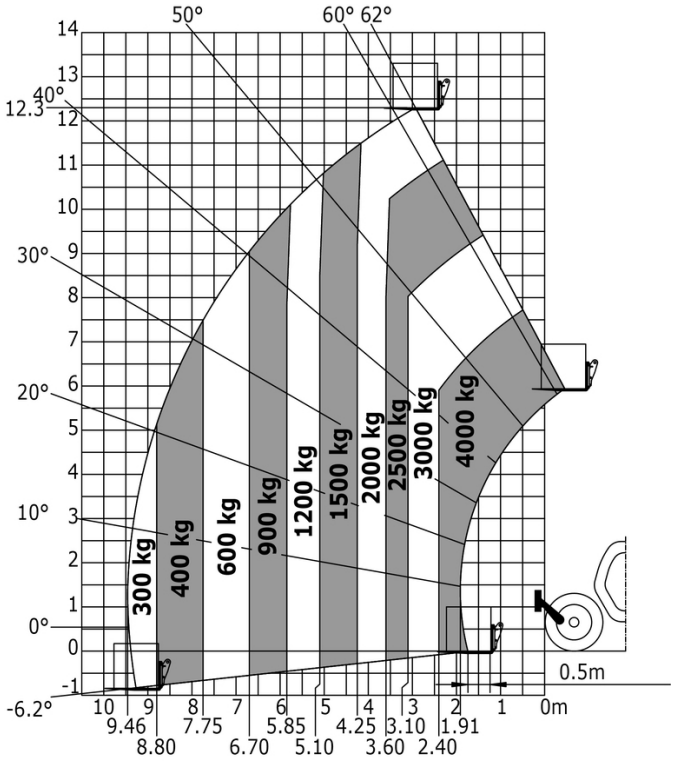




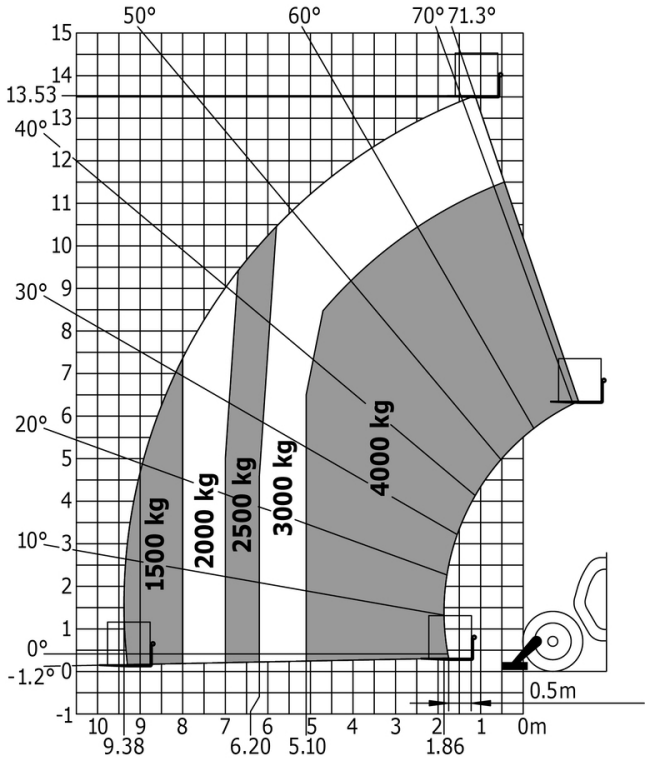


MT 1440 - Load chart

Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



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