

Technical sheet :

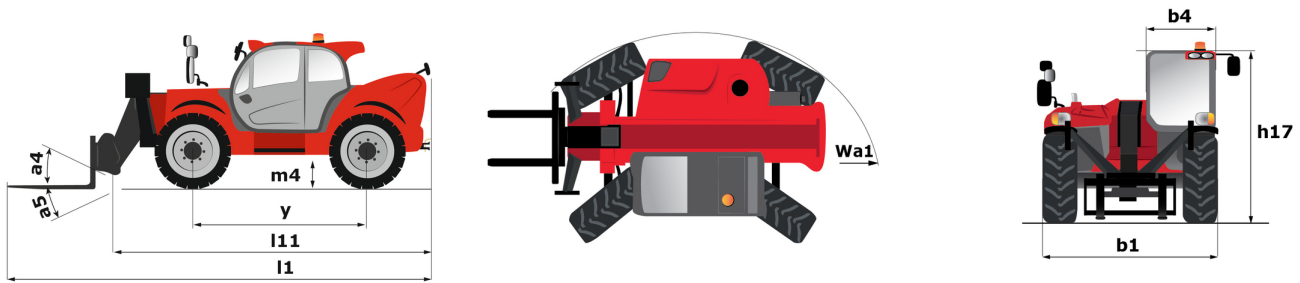
# **MT 1440 A**

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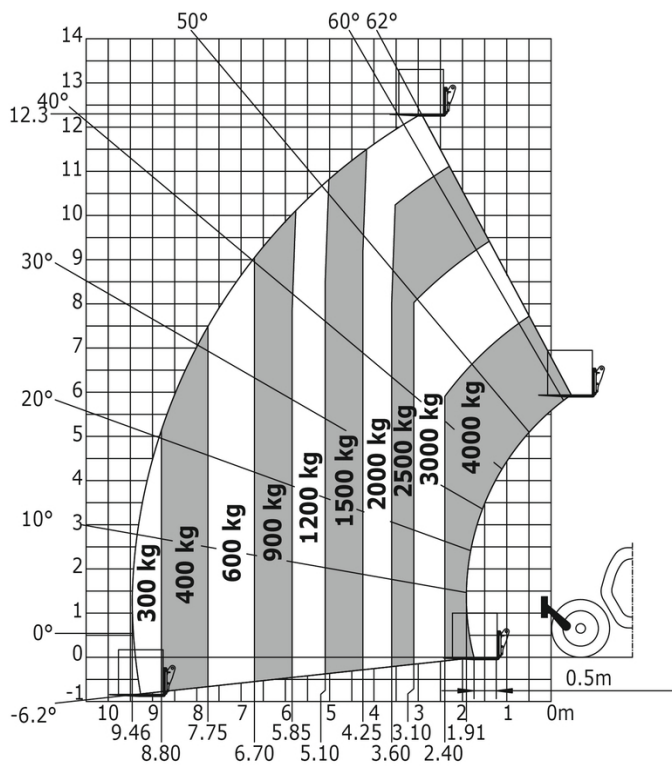
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Max. outreach		9.46 m
Breakout force with bucket		7916 daN
Weight and dimensions		
Overall length to carriage	l11	6.13 m
Overall width	b1	2.37 m
Overall height	h17	2.45 m
Wheelbase	y	3.07 mm
Ground clearance	m4	0.37 m
Overall cab width	b4	2.37 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	3.97 m
Unladen weight (with man basket)		11620 kg
Tyres type		Pneumatic
Standard tyres		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 45 mm
Performances		
Lifting		14 s
Lowering		14 s
Extension		19.70 s
Retraction		14.20 s
Crowd		5 s
Dump		5 s
Engine		
Engine brand		Perkins
Engine norm		Stage IV / Tier 4 Final
Engine model		854FE34TA
Number of cylinders / Capacity of cylinders		4 - 3400 cm³
I.C. Engine power rating - Power (kW)		100 Hp / 75 kW
Max. torque / Engine rotation		430 Nm @ 1400 rpm
Drawbar pull (Laden)		8090 daN
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
Compatible platform		
Platform capacity	Q	1000 kg
Number of people (inside)		3
Platform dimensions (length x width)	lp / ep	5000 m x 1200 m
Platform weight*		1150 kg
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety / Safety cab homologation		Standard EN 15000 / ROPS - FOPS cab (level 2)
Controls		JSM

## MT 1440 A - Dimensional drawing

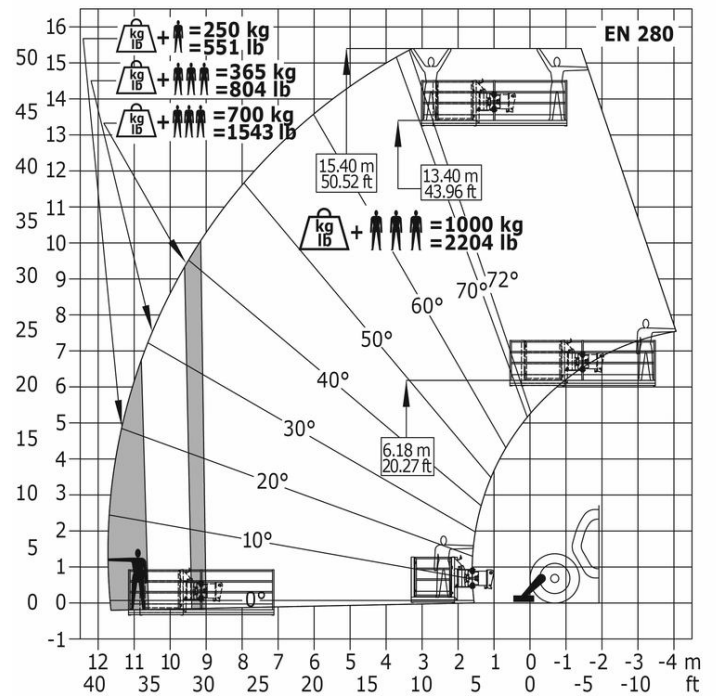


## MT 1440 A - Load chart

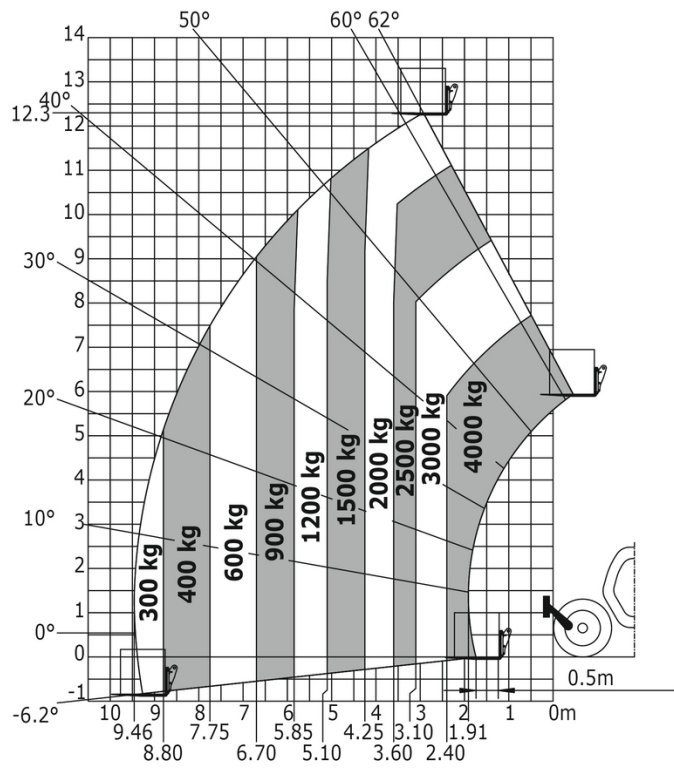
Machine on tyres with forks Metric



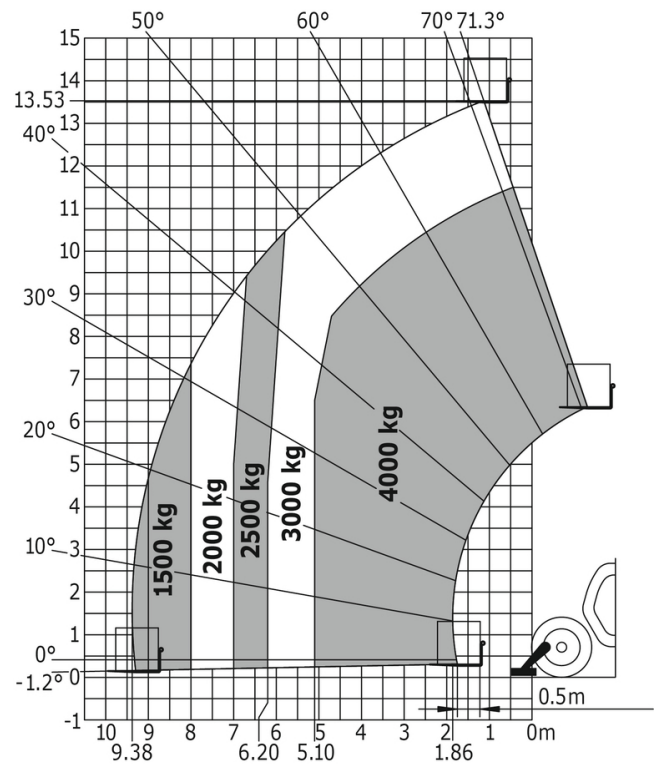
Machine on stabilizers with Man basket Metric



Machine on tyres with forks - with levelling Metric



Machine on stabilizers with forks Metric





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