Technical sheet :

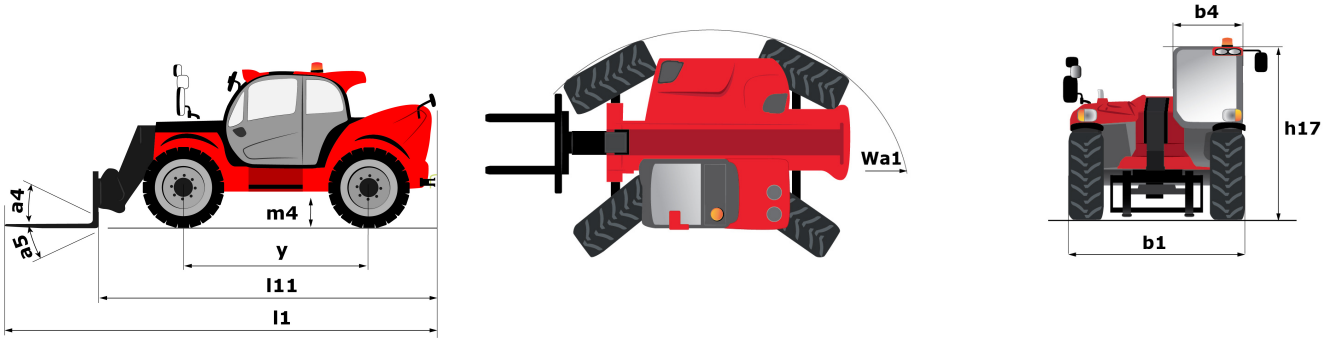
MT 1440 A ST5



MANITOU
HANDLING YOUR WORLD

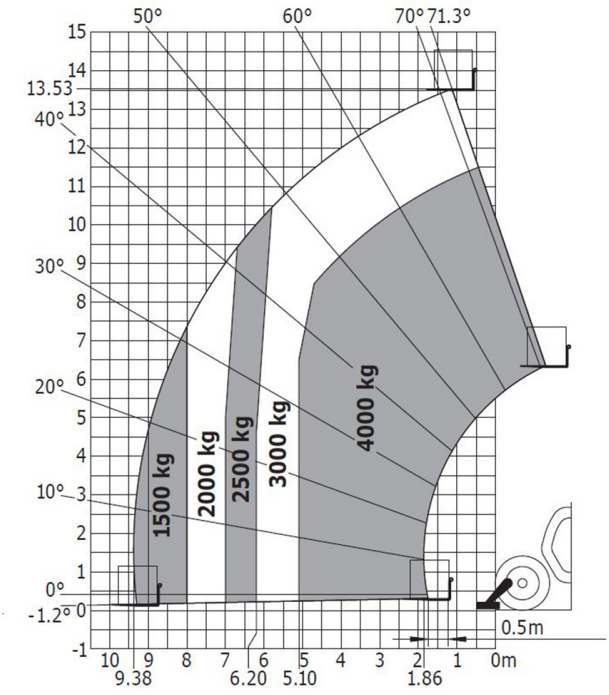
Capacities		Metric
Max. capacity	Q	4000 kg
Max. lifting height	h3	13.53 m
Max. Reach	l4	9.46 m
Breakout force with bucket		7916 daN
Weight and dimensions		
Overall length to carriage	l11	6.13 m
Overall width	b1	2.42 m
Overall height	h17	2.45 m
Wheelbase	y	3.07 m
Ground clearance	m4	0.37 m
Overall cab width	b4	0.89 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	3.97 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		16 s
Lowering		14 s
Extension		19.3 s
Scoop		4 s
Dump		4 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6L
Number of cylinders / Capacity of cylinders		4 - 3621 cm³
I.C. Engine power rating - Power (kW)		100 Hp / 75 kW
Max. torque / Engine rotation		410 Nm @ 1600 rpm
Drawbar pull (Laden)		9930 daN
Transmission		
Transmission type		Torque Converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		24.9 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		167 l/min / 270 Bar
Tank capacities		
Engine oil		10 l
Hydraulic oil		135 l
Fuel tank		140 l
DEF tank capacity		22.60 l
Noise and vibration		
Noise at driving position (LpA)		79 dB(A)
Noise to environment (LwA)		106 dB(A)
Vibration on hands/arms		< 2.5 m/s²
Compatible platform		
Platform capacity	Q	1000 kg
Number of people (inside)		3
Platform dimensions (length x width)	lp / ep	5000 mm x 1200 mm
Platform weight*		1150 kg
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety cab homologation		ROPS - FOPS cab (level 2)
Controls		JSM

Dimensional drawing

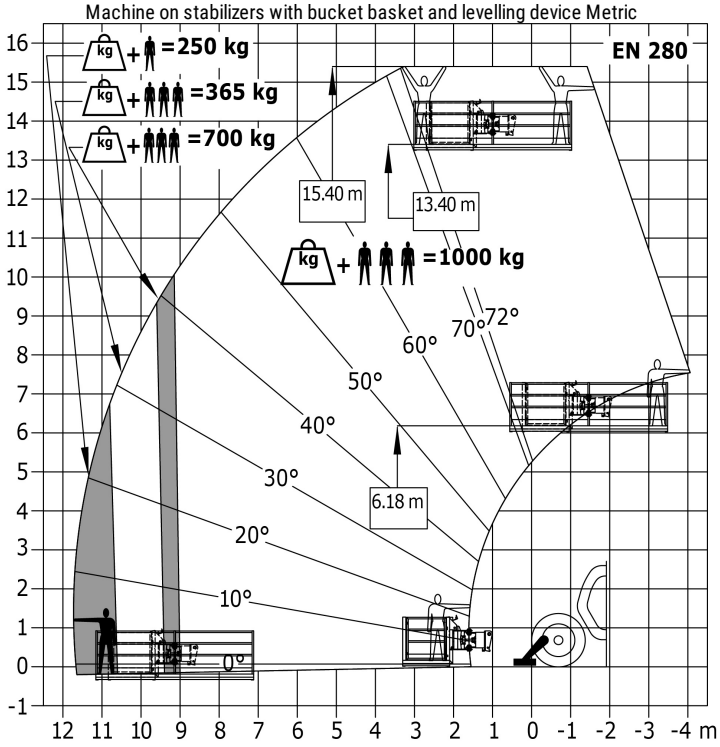


Load chart

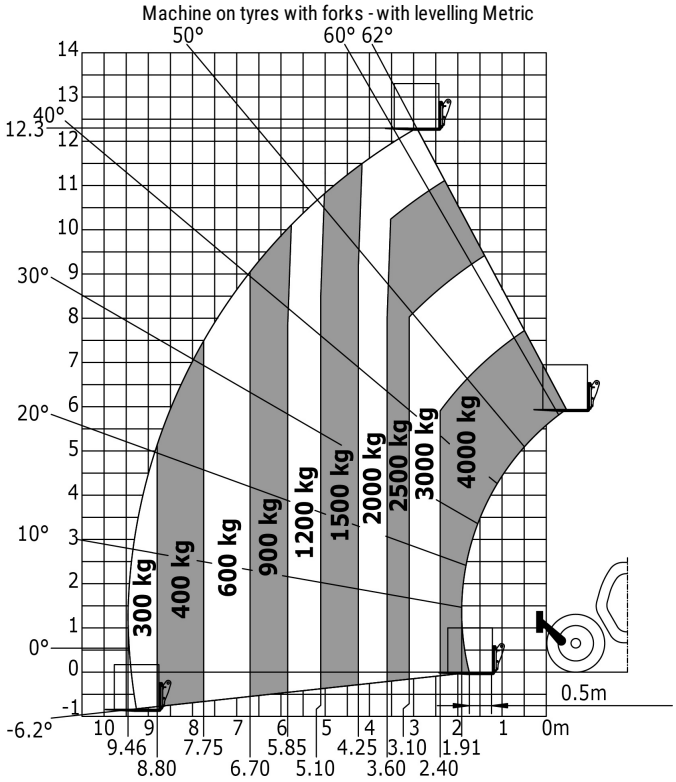
Machine on stabilizers with forks Metric



Machine on stabilizers with bucket basket and levelling device Metric



Machine on tyres with forks - with levelling Metric



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