Technical sheet :

## **MT 1440 A ST5**

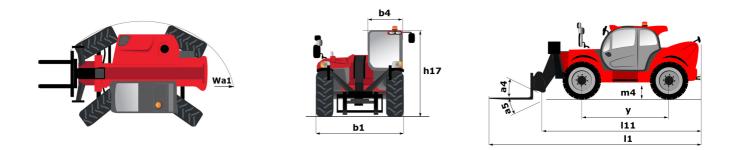




MT 1440 A ST 5	Created on Jul	v 3. 2025 a	at 8:09 PM UTC
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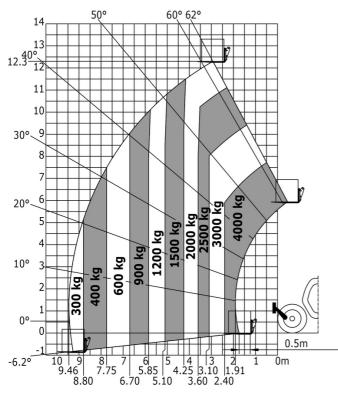
	MT 1440 A ST	Created on July 3, 2025 at 8:09 PM UT
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Maximum outreach		9.46 m
Breakout force with bucket		7916 daN
Weight and dimensions		
Overall length to carriage	l11	6.02 m
Length to face of forks	12	6.13 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase	у	3.07 m
Ground clearance	m4	0.37 m
Overall cab width	b4	0.89 m
Tiltup angle	a4	12 °
Tilt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	3.94 m
Overall weight	Wai	11200 kg
Unladen weight (with man basket)		11620 kg
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm x 45 mm
Performances	1/ 2/ 5	
Lifting		16 s
Lowering		14 s
Extension		19.30 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		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		24.90 km/h
Parking brake		Automatic parking brake
		Oil-immersed multi-discs braking on front & rear
Service brake		axles
Hydraulics		<u>^</u>
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-270 bar
Tank capacities		101
Engine oil		10
Hydraulic oil		1351
Diesel Exhaust fluid (AdBlue® type)		22.60
Fuel tank		140 l
Noise and vibration		70.17
Noise at driving position (LpA)		79 dB
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 2.50 m/s²
Compatible platform		1000 /
Platform capacity	Q	1000 kg
Number of people		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
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

## MT 1440 A ST5 - Dimensional drawing

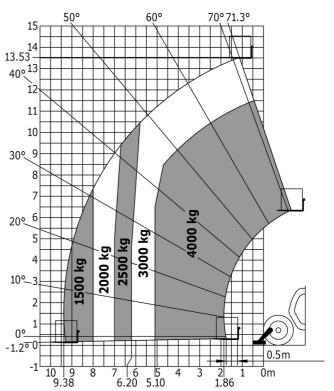


## MT 1440 A ST5 - Load chart

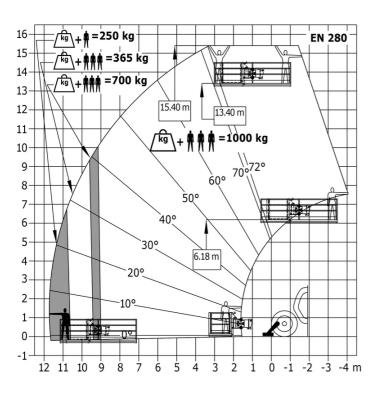
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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