Technical sheet:

MT 1440 ST5

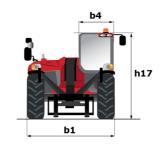


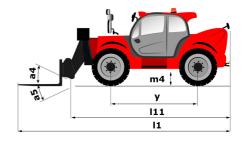


MT 1440 ST5 Created on August 12, 2025		ated on August 12, 2025 at 5:44 PM C
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Maximum outreach		9.46 m
Breakout force with bucket		7895 daN
Weight and dimensions		
Overall length to carriage	I11	6.02 m
Length to face of forks	12	6.13 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase		3.07 m
Ground clearance	y 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		10940 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
Performances		
Lifting		16 s
Lowering		12.40 s
Extension		17.30 s
Retraction		13 s
Crowd		4.30 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		3330 dail
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
		4 / 4 24.90 km/h
Max. travel speed		
Parking brake		Automatic parking brake
Service brake		Oil-immersed multi-discs braking on front & real axles
Hydraulics		uxico
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-270 bar
		107 1/111111-270 bai
Tank capacities		10
Engine oil		
Hydraulic oil		135
Diesel Exhaust fluid (AdBlue® type)		22.60
Fuel tank		140 l
Noise and vibration		
Noise at driving position (LpA)		79 dB
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
		2 / 2
Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear)		2 / 2 2 / 2

MT 1440 ST5 - Dimensional drawing

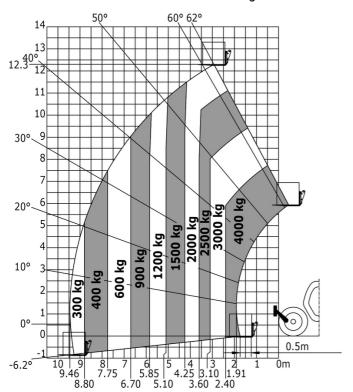




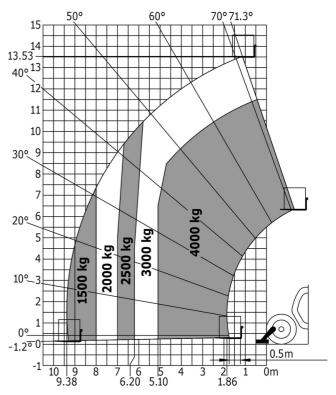


MT 1440 ST5 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric







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