Technical sheet:

# MT 1440 ST5

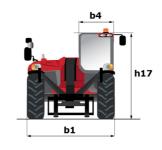


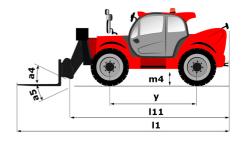


	MT 1440 ST5 Created on May 2, 2024 at 5:42:49 PM L
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	13.53 m
Max. outreach	9.46 m
Breakout force with bucket	7895 daN
Weight and dimensions	
Overall length to carriage	I11 6.02 m
Length to face of forks	12 6.13 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Wheelbase	
Ground clearance	y 3.07 m 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	Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s 1200 mm x 125 mm / 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 cm <sup>3</sup>
I.C. Engine power rating - Power	100 Hp / 75 kW
Max. torque / Engine rotation	410 Nm @ 1600 rpm
Drawbar pull (Laden)	9930 daN
Transmission	7730 udiv
	Tarrica convertes
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 & rea axles
Hydraulics	uxies
Hydraulic pump type	Gear pump
	167 I/min-270 bar
Hydraulic flow / Pressure	10/ 1/11III1-2/U Dai
Tank capacities	401
Engine oil	101
Hydraulic oil	1351
Fuel tank	140
DEF tank capacity	22.60
Noise and vibration	
Noise at driving position (LpA)	79 dB
Noise to environment (LwA)	106 dB
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety cab homologation	ROPS - FOPS level 2 cab
Controls	JSM

# MT 1440 ST5 - Dimensional drawing

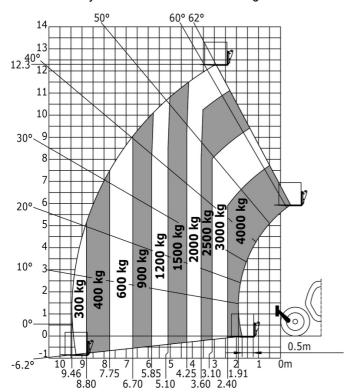




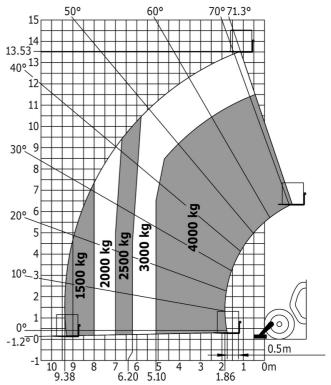


### MT 1440 ST5 - Load chart

Machine on tyres with forks - with levelling device Metric



# Machine on lowered stabilisers with forks Metric







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