Technical sheet:

MT 1440 ST5

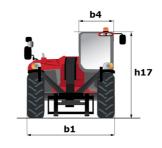


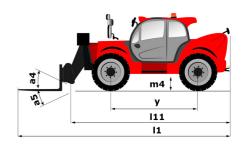


Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	13.53 m
Maximum outreach	9.46 m
Breakout force with bucket	7895 daN
Weight and dimensions	
Overall length to carriage	l11 6.02 m
Length to face of forks	l2 6.13 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Wheelbase	y 3.07 m
Ground clearance	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 3.94 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	17 6 7 6
Lifting	16 s
Lowering	12.40 s
Extension	17.30 s
Retraction	13 s
Crowd	4.30 s
Dump	4.30 S
Engine	**
Engine brand	Deutz
•	
Engine norm	Stage V TCD 3.6L
Engine model	4 · 3621 cm³
Number of cylinders / Capacity of cylinders	
Engine power (Hp/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	24.90 km/h
Parking brake	Automatic parking brake
Service brake	Oil-immersed multi-discs braking on front & axles
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 I/min-270 bar
Tank capacities	107 J Hill 270 BB1
Engine oil	10
Hydraulic oil	1351
Diesel Exhaust fluid (AdBlue® type)	22.601
Fuel	140 l
Noise and vibration	140 1
Noise at driving position (LpA)	79 dB
Noise at driving position (LpA) Noise to environment (LwA)	106 dB
Vibration on hands/arms	2.50 m/s²
Miscellaneous On a firm who let (front (max))	0.15
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Cab certification Controls	Cabin ROPS - FOPS level 2 JSM

MT 1440 ST5 - Dimensional drawing

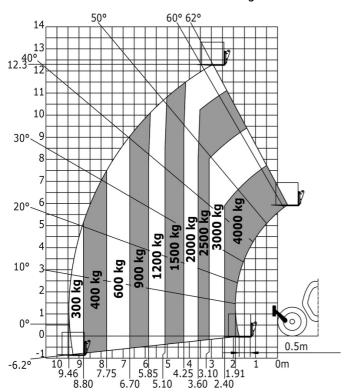




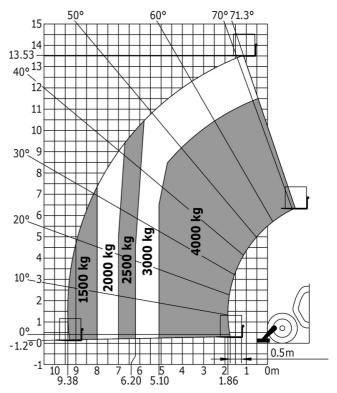


MT 1440 ST5 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric







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