Technical sheet:

MT 1440 ST5

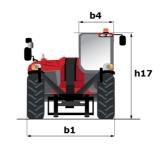


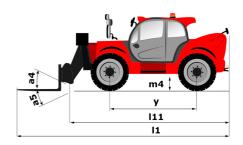


	MT 1440 STS Created on 27 April 2024 at 05:47:28 UT
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	13.53 m
Max. outreach	9.46 m
Breakout force with bucket	7895 daN
Weight and dimensions	
Overall length to carriage	l11 6.02 m
Length to face of forks	12 6.13 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Wheelbase	у 3.07 m
Ground clearance	m4 0.37 m
Overall cab width	b4 0.89 m
Tilt-top angle	
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 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	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 l/min-270 bar
Tank capacities	
Engine oil	10
Hydraulic oil	135 I
Fuel tank	140
DEF tank capacity	22.60
Noise and vibration	ZZ.00 1
	79 dB
Noise at driving position (LpA)	
Noise to environment (LwA)	106 dB
Vibration on hands/arms	< 2.50 m/s²
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety cab homologation	ROPS - FOPS level 2 cab

MT 1440 ST5 - Dimensional drawing

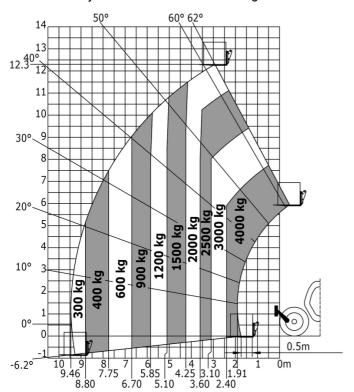




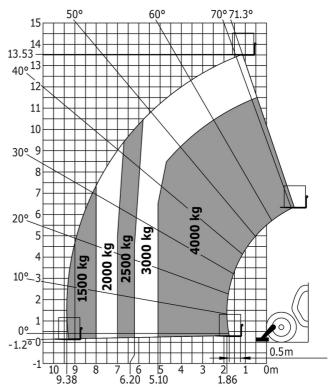


MT 1440 ST5 - Load chart

Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric







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