Technical sheet:

MT 1440 ST5

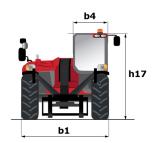


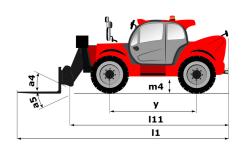


	MT 1440 ST5 Created on 26 January 2023 at 12:37:27
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	13.53 m
Max. outreach	9.46 m
Breakout force with bucket	7895 daN
Weight and dimensions	7070 dailt
Overall length to carriage	l11 6.15 m
Overall width	b1 2.36 m
	h17 2.45 m
Overall height Wheelbase	
	·
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 3.97 m
Unladen weight (with forks)	10940 kg
Tyres type	Pneumatic
Standard tyres	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 (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 & rear
Hydraulics	on miniciped mata aloop blanning on home area
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 l/min / 270 bar
Tank capacities	107 I/IIIII / 270 Udi
Engine oil	10
Hydraulic oil	
•	135 I 140 I
Fuel tank	
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 ²
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety cab homologation	Cabin ROPS - FOPS Level 2
Controls	JSM

MT 1440 ST5 - Dimensional drawing

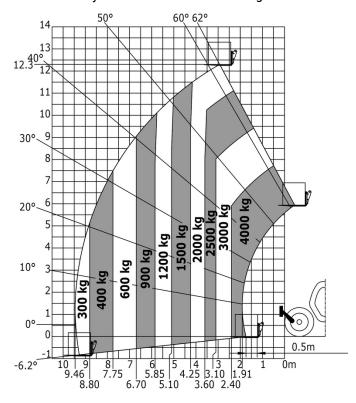




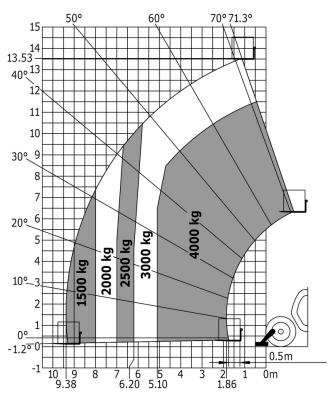


MT 1440 ST5 - Load chart

Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric







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