Technical sheet:

MT 1440 A ST5

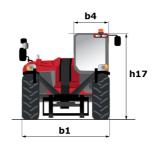




	MT 1440 A ST5 Created on August 1, 2025 at 6:01 PM U
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	13.53 m
Maximum outreach	9.46 m
Breakout force with bucket	7916 daN
Weight and dimensions	
Overall length to carriage	l11 6.02 m
Length to face of forks	12 6.13 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Wheelbase	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
Overall weight	11200 kg
Unladen weight (with man basket)	11620 kg
Tires type	Inflatable
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s 1200 mm x 125 mm x 45 mm
Performances	
Lifting	16 s
Lowering	14 s
Extension	19.30 s
Scoop	4 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	7750 UNIN
Transmission type	Torque converter
	4 / 4
Number of gears (forward / reverse)	
Max. travel speed	24.90 km/h
Parking brake	Automatic parking brake
Service brake	Oil-immersed multi-discs braking on front & rear axles
Hydraulics	UNICO
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 I/min-270 bar
Tank capacities	107 (/IIIII-270 DBI
	10.1
Engine oil	101
Hydraulic oil	1351
Diesel Exhaust fluid (AdBlue® type)	22.60
Fuel tank	140
Noise and vibration	
Noise at driving position (LpA)	79 dB
Noise to environment (LwA)	106 dB
Vibration on hands/arms	< 2.50 m/s²
Compatible platform	
Platform capacity	Q 1000 kg
Number of people	3
Platform dimensions (length x width)	lp / ep 5000 mm x 1200 mm
Platform weight*	1150 kg
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Cab certification	Cabin ROPS - FOPS level 2

MT 1440 A ST5 - Dimensional drawing

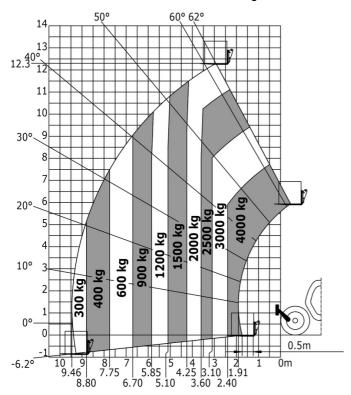




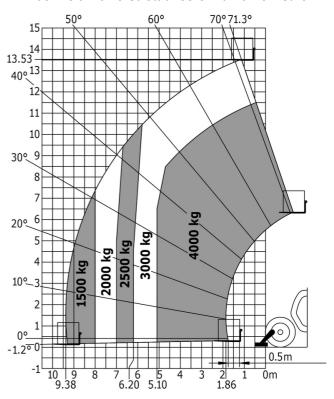


MT 1440 A ST5 - Load chart

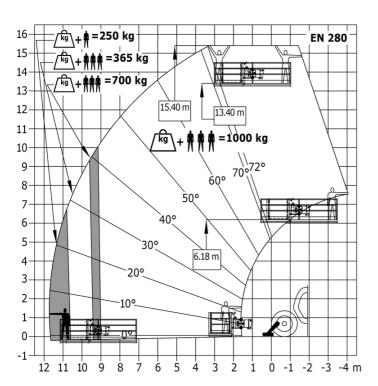
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric







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