Technical sheet:

MT 1440 HA ST5



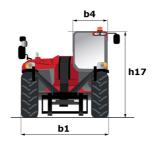


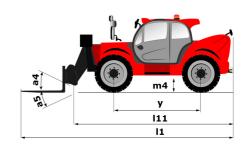
	MT 1440 HA ST5 Created on 25 April 2024 at 13.55.52 U
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	13.53 m
Max. outreach	9.46 m
Breakout force with bucket	9390 daN
Weight and dimensions	
Overall length to carriage	l11 6.02 m
Length to face of forks	l2 6.13 m
Overall width	b1 2.36 m
Overall 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
	Wa1 3.54 III 11620 kg
Unladen weight (with forks)	•
Overall weight	11200 kg
Tires type	Pneumatic Allia 100 (20 Allia 100 Al
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s 1200 mm x 125 mm / 45 mm
Performances	
Lifting	16 s
Lowering	14 s
Extension	19 s
Retraction	15 s
Crowd	4 s
Dump	4 s
Engine	
Engine brand	Deutz
Engine norm	Stage V
Engine model	TCD 3.6
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)	7520 daN
Transmission	
Transmission type	Hydrostatic
Number of gears (forward / reverse)	3 / 3
Max. travel speed	24.90 km/h
Parking brake	Automatic parking brake
Service brake	Oil-immersed multi-discs braking on front & rear
	axles
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 l/min-270 bar
Tank capacities	
Engine oil	101
Hydraulic oil	1351
Fuel tank	140 l
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	ROPS - FOPS level 2 cab
Controls	JSM
Additional information	Data indicated with basket basket, except max.
	capacity, lifting height and offset.

 $\label{eq:decomposition} \textbf{Data indicated with basket basket, except max. capacity, lifting height and offset.}$

MT 1440 HA ST5 - Dimensional drawing

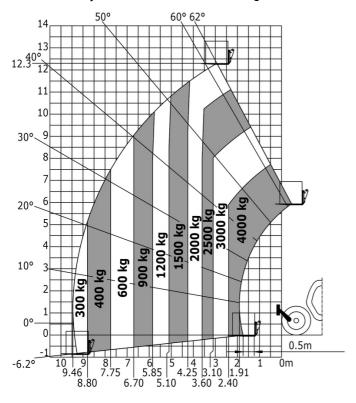




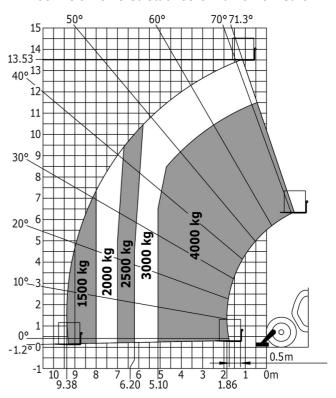


MT 1440 HA ST5 - Load chart

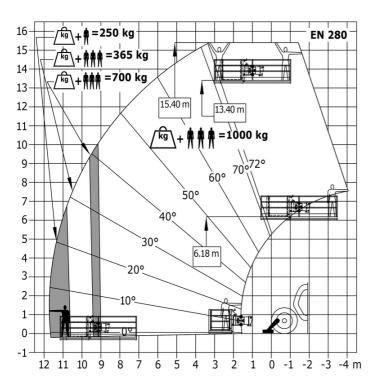
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric







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