Technical sheet:

MT 1440 HA ST5



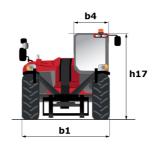


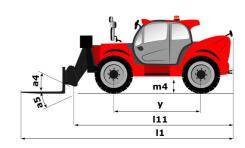
	MT 1440 HA ST5 Created on May 20, 2024 at 3:58:00 PM
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	13.53 m
Max. outreach	9.46 m
Breakout force with bucket	9390 daN
Weight and dimensions	5050 dai1
Overall length to carriage	l11 6.02 m
Length to face of forks	
Overall width	b1 2.36 m
Overall 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)	11620 kg
Overall weight	11200 kg
Tires type	Pneumatic
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
	19 s
Extension	
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 & r axles
Hydraulics	unio unio unio unio unio unio unio unio
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 I/min-270 bar
	107 1/111111-270 Dai
Tank capacities	101
Engine oil	101
Hydraulic oil	1351
Fuel tank	140
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
	Data indicated with basket basket, except m
Additional information	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

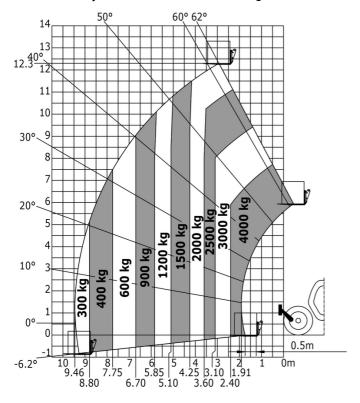




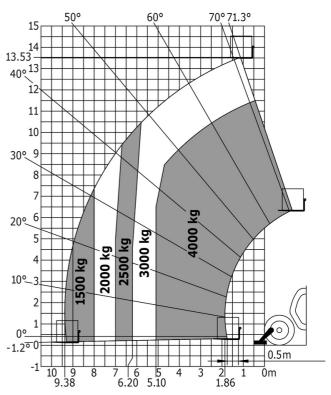


MT 1440 HA ST5 - Load chart

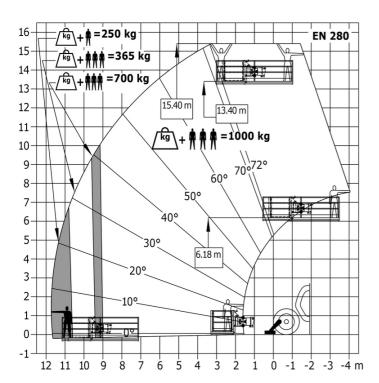
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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