Technical sheet:

MT 1440 HA ST5



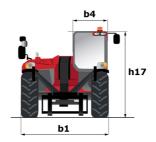


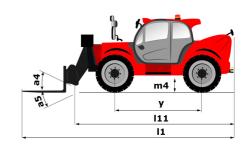
	MT 1440 HA ST5 Created on July 31, 2025 at 4:3	31 PM UTC
Capacities	Metric	
Max. capacity	4000 kg	
Max. lifting height	13.53 m	
Maximum outreach	9.46 m	
Breakout force with bucket	9390 daN	
Weight and dimensions	José dan	
Overall length to carriage	l11 6.02 m	
Length to face of forks	12 6.13 m	
Overall width	b1 2.36 m	
Overall height	h17 2.45 m	
Wheelbase		
	·	
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	Inflatable	
Standard tires	Alliance 400/80 - 24 - 162A8	3
Forks length / width / section	I / e / s 1200 mm x 125 mm x 45 mm	1
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 cm ³	
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	
	Oil-immersed multi-discs braking on fi	ront & roar
Service brake	axles	ioni a icai
Hydraulics		
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	167 I/min-270 bar	
Tank capacities		
Engine oil	101	
Hydraulic oil	1351	
Diesel Exhaust fluid (AdBlue® type)	22.60	
Fuel tank	140 I	
Noise and vibration	1701	
Noise at driving position (LpA)	79 dB	
Noise to environment (LwA)	106 dB	
Vibration on hands/arms	< 2.50 m/s ²	
Miscellaneous	< 2.50 III/S ²	
	0.10	
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2 / 2	
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	
Additional information	Data indicated with basket basket, ex- capacity, lifting height and offs	
	capacity, maily neight and one	

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

MT 1440 HA ST5 - Dimensional drawing

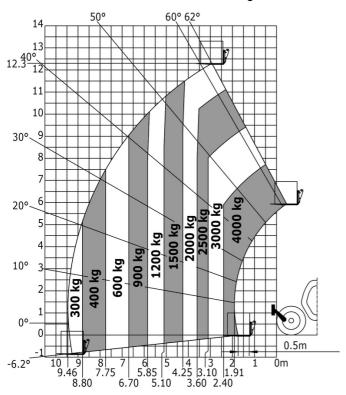




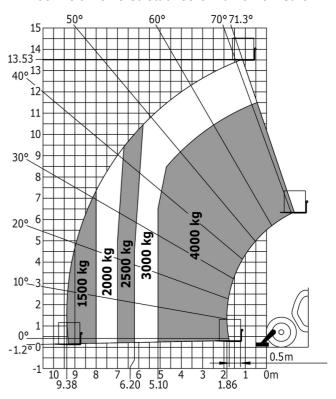


MT 1440 HA ST5 - Load chart

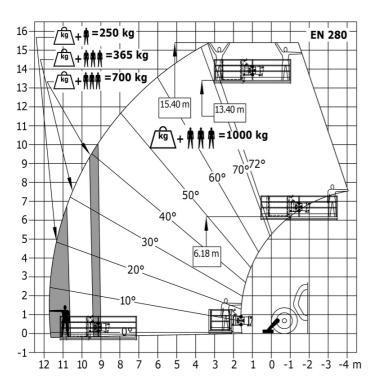
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric







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