Technical sheet:

# MT 1440 HA ST5



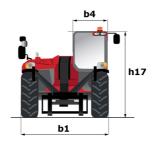


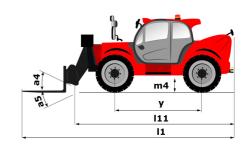
	MT 1440 HA STS Created on 2 May 2024 at 9:09:25	AM UT
Capacities	Metric	
Max. capacity	4000 kg	
Max. lifting height	13.53 m	
Max. outreach	9.46 m	
Breakout force with bucket	9390 daN	
Weight and dimensions		
Overall length to carriage	l11 6.02 m	
Length to face of forks	12 6.13 m	
Overall width	b1 2.36 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°	
	Wa1 3.94 m	
External turning radius (over tyres)		
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	
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 <sup>3</sup>	
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 fro	nt & rear
	axles	
Hydraulics		
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	167 l/min-270 bar	
Tank capacities		
Engine oil	10	
Hydraulic oil	135 l	
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 <sup>2</sup>	
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, exce	
Additional information	capacity, lifting height and offse	t.

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

# MT 1440 HA ST5 - Dimensional drawing

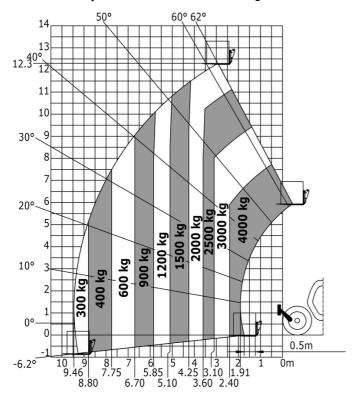




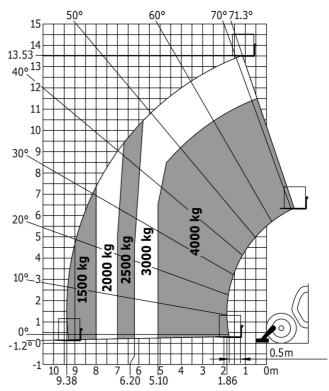


### MT 1440 HA ST5 - Load chart

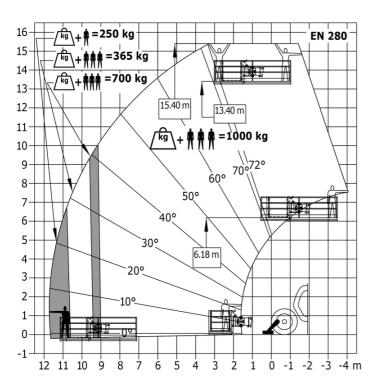
Machine on tyres with forks - with levelling device Metric



### Machine on lowered stabilisers with forks Metric



# Machine on stabilisers with Man basket Metric







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