Technical sheet :

MT 1440 HA ST5

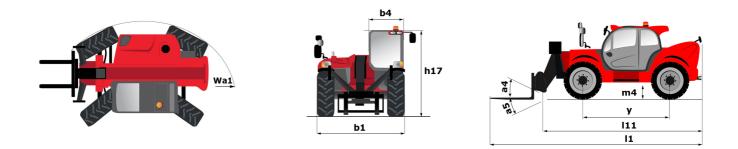




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Capacities	Metric	
Max. capacity	4000 kg	
Max. lifting height	13.53 m	
Maximum outreach	9.46 m	
Breakout force with bucket	9390 daN	
Weight and dimensions		
Overall length to carriage	l11 6.02 m	
	l2 6.13 m	
Length to face of forks		
Overall width	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	Inflatable	
Standard tires	Alliance 400/80 - 24 - 162A8	
Forks length / width / section	l / e / s 1200 mm x 125 mm x 45 mm	
Performances		
Lifting	16 s	
Lowering	14 s	
Extension	19 s	
	15 s	
Retraction		
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	
	Oil-immersed multi-discs braking on fron	nt&rear
Service brake	axles	
Hydraulics		
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	167 l/min-270 bar	
Tank capacities		
Engine oil	101	
Hydraulic oil	1351	
Diesel Exhaust fluid (AdBlue® type)	22.60 1	
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	
Miscellaneous		
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, excep	pt max.
	capacity, lifting height and offset.	

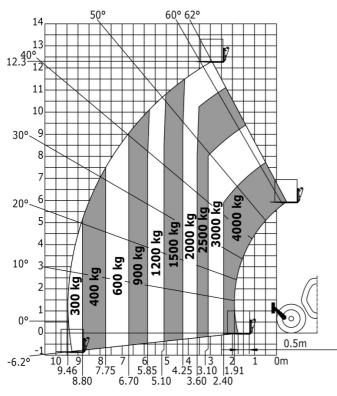
Data indicated with basket basket, except max. capacity, lifting height and offset.

MT 1440 HA ST5 - Dimensional drawing

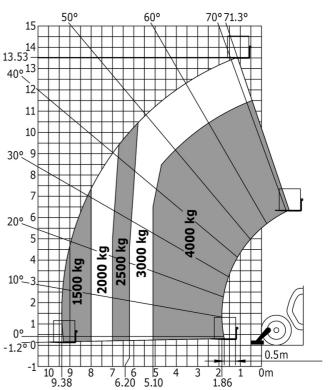


MT 1440 HA ST5 - Load chart

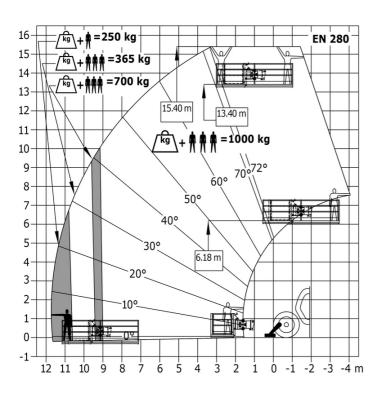
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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