

Technical sheet :

# **MT 1440 HA ST5**

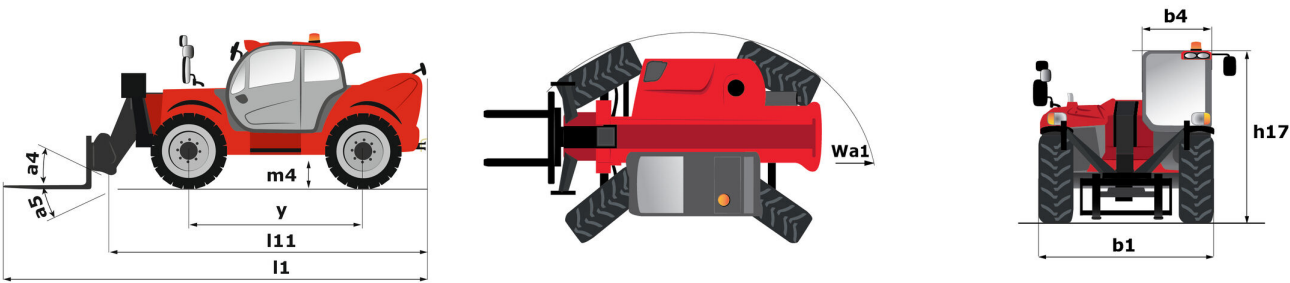
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Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Max. outreach		9.46 m
Breakout force with bucket		9390 daN
Weight and dimensions		
Overall length to carriage	l11	6.13 m
Overall width	b1	2.42 m
Overall height	h17	2.45 m
Wheelbase	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	3.97 m
Unladen weight (with forks)		11620 kg
Tyres type		Pneumatic
Standard tyres		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / 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 (kW)		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		10 l
Hydraulic oil		135 l
Fuel tank		140 l
DEF tank capacity		22.60 l
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
Safety cab homologation		ROPS - FOPS cab (level 2)
Controls		JSM
Additional information		Data indicated with basket basket, except max. capacity, lifting height and offset.

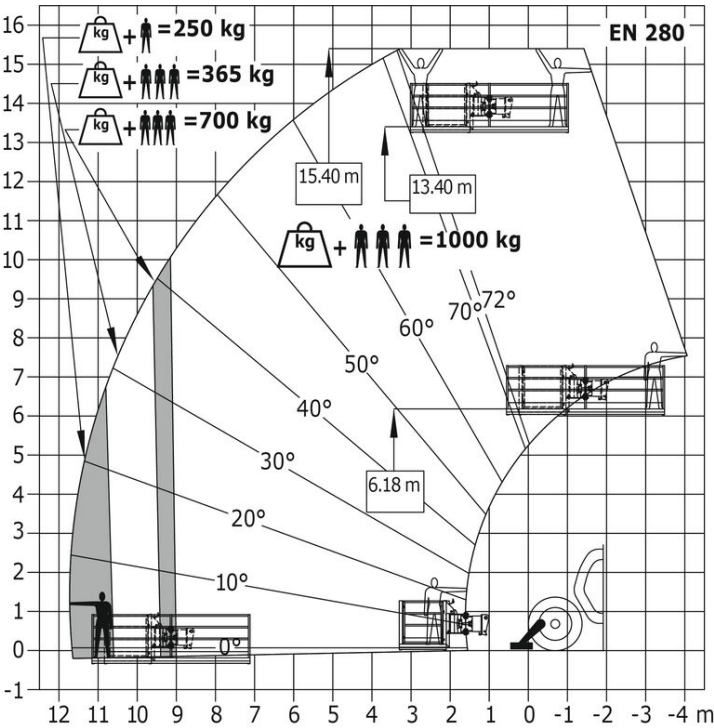
Data indicated with basket basket, except max. capacity, lifting height and offset.

MT 1440 HA ST5 - Dimensional drawing

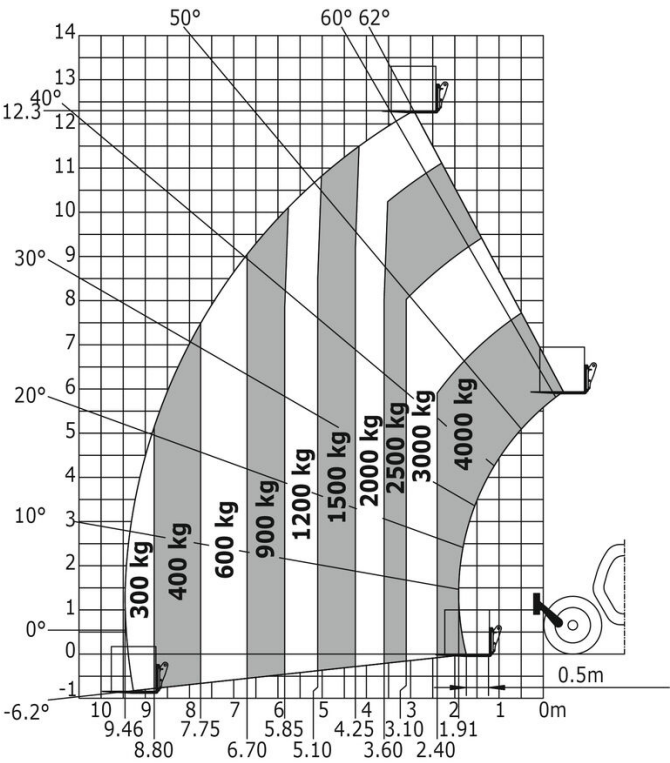


MT 1440 HA ST5 - Load chart

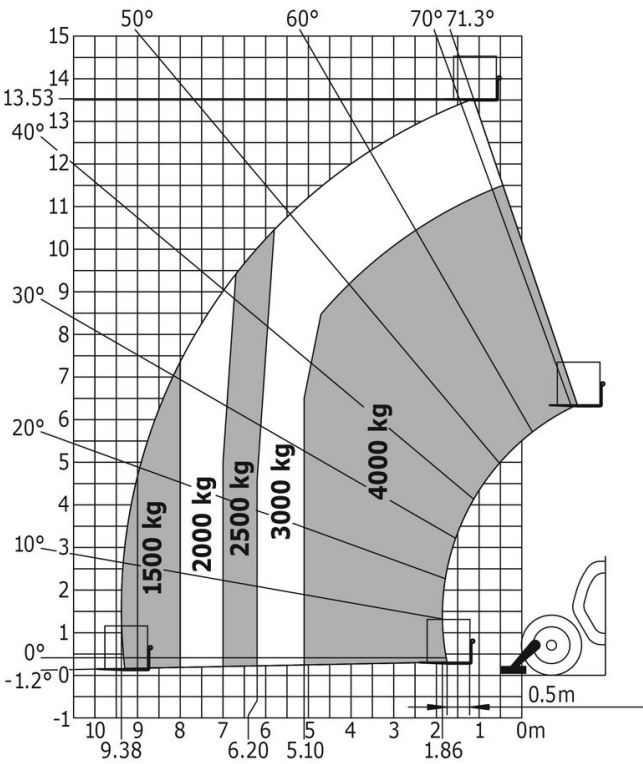
Machine on stabilizers with bucket basket and levelling device  
Metric



Machine on tyres with forks - with levelling Metric



Machine on stabilizers with forks Metric





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