Technical sheet :

MT 1440 HA ST5



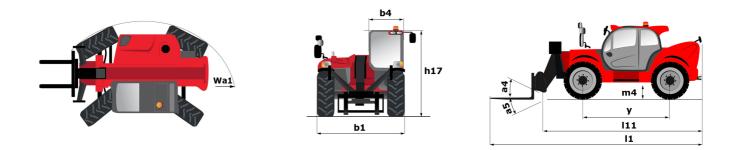


T 1440 HA ST 5	Created on 4 May	y 2024 at 6:11:14 UTC
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Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Max. outreach		9.46 m
Breakout force with bucket		9390 daN
Weight and dimensions		
Overall length to carriage	111	6.02 m
Length to face of forks	12	6.13 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase	у	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	l / e / s	1200 mm x 125 mm / 45 mm
Performances	1,0,0	
Lifting		16 s
Lowering		14 s
Extension		19 s
Retraction		15 s
Crowd		4 s
		4 S 4 S
Dump		4 5
Engine brand		Deutz
Engine brand		
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
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		axies
		0
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-270 bar
Tank capacities		101
Engine oil		10
Hydraulic oil		135
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/s²
Miscellaneous		
		2/2
Steering wheels (front / rear)		
		2/2
Steering wheels (front / rear)		2 / 2 ROPS - FOPS level 2 cab
Steering wheels (front / rear) Drive wheels (front / rear)		

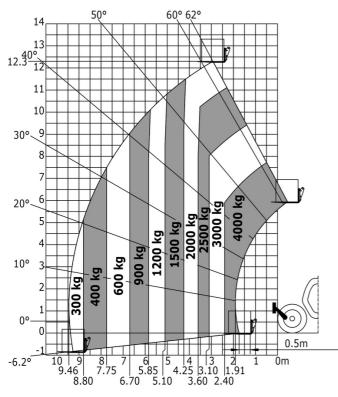
Data indicated with basket basket, except max. capacity, lifting height and offset.

MT 1440 HA ST5 - Dimensional drawing

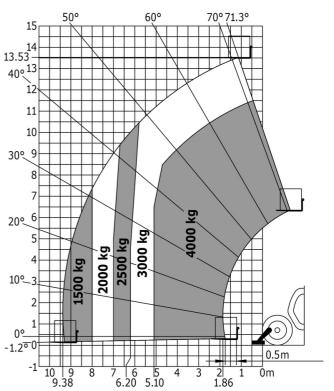


MT 1440 HA ST5 - Load chart

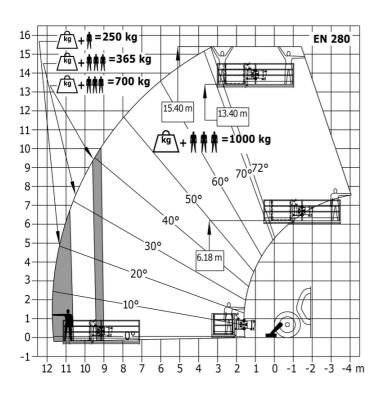
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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