Technical sheet:

# MT 1440 HA ST5





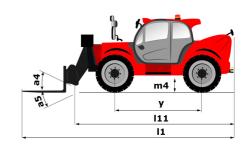
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Maximum outreach		9.46 m
Breakout force with bucket		9390 daN
Weight and dimensions		7570 daily
<u> </u>	l11	6.02 m
Overall length to carriage		
Length to face of forks	12	6.13 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase	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		Inflatable
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s	1200 mm x 125 mm x 45 mm
Performances	17 67 3	1200 Hill X 120 Hill X 40 Hill
		16 s
Lifting		
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		, 020 dail
Transmission type		Hydrostatic
		3 / 3
Number of gears (forward / reverse)		
Max. travel speed		24.90 km/h
Parking brake		Automatic parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		dxies
<u>·</u>		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-270 bar
Tank capacities		
Engine oil		10 l
Hydraulic oil		135 I
Diesel Exhaust fluid (AdBlue® type)		22.60 I
Fuel tank		140 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		2.55 11/5
Steering wheels (front / rear)		2 / 2
- , , , ,		
Drive wheels (front / rear)		2 / 2
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM  Data indicated with basket basket, except max.

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

## MT 1440 HA ST5 - Dimensional drawing

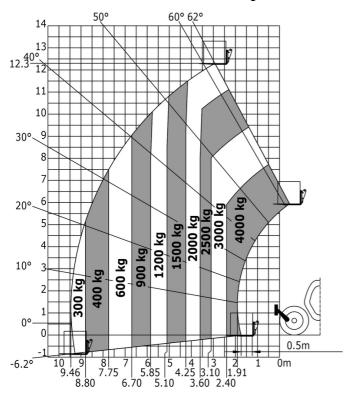




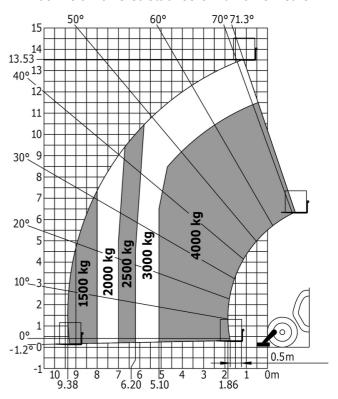


### MT 1440 HA ST5 - Load chart

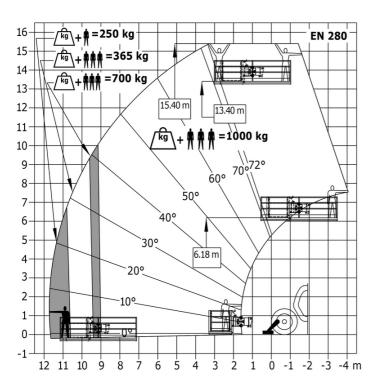
Machine on tires with forks - with levelling device Metric



### Machine on lowered stabilisers with forks Metric



## Machine on stabilisers with Man basket Metric







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