Technical sheet:

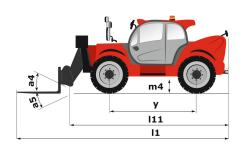
# MT 1440 ST5



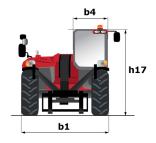


	MT 1	440 ST5 - Created on April 15, 2022 at 12:07:34 PM U
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Max. outreach		9.46 m
Breakout force with bucket		7895 daN
		7895 UaiN
Weight and dimensions	111	(10
Overall length to carriage	l11	6.13 m
Overall width	b1	2.42 m
Overall height	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	3.97 m
Unladen weight (with forks)		10940 kg
Tyres type		Pneumatic
Standard tyres		Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s	1200 mm x 125 mm / 50 mm
Performances		
Lifting		16 s
Lowering		12.40 s
Extension		17.30 s
Retraction		13 s
Crowd		4.30 s
Dump		4 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6L
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)		9930 daN
Transmission		
Transmission type		Torque Converter
Number of gears (forward / reverse)		4 / 4
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 I
Fuel tank		140
DEF tank capacity		22.60 I
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		- 2.00 11/3
Steering wheels (front / rear)		212
Steering wheels (front / rear) Drive wheels (front / rear)		2/2
Steering wheels (front / rear) Drive wheels (front / rear) Safety cab homologation		2 / 2 2 / 2 ROPS - FOPS cab (level 2)

## MT 1440 ST5 - Dimensional drawing

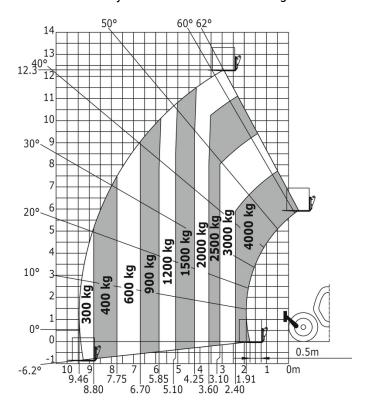




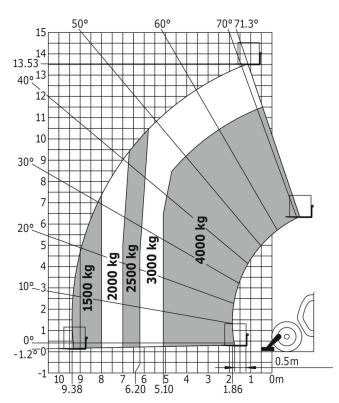


### MT 1440 ST5 - Load chart

### Machine on tyres with forks - with levelling Metric



#### Machine on stabilizers with forks Metric







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