Technical sheet:

MT 1440 ST5

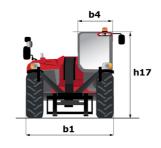


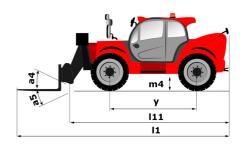


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Capacities	Metric	
Max. capacity	4000 kg	
Max. lifting height	13.53 m	
Maximum outreach	9.46 m	
Breakout force with bucket	7895 daN	
Weight and dimensions		
Overall length to carriage	l11 6.02 m	
ength to face of forks	l2 6.13 m	
Overall width	b1 2.36 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	
	a4 12 °	
Tilt-up angle		
Filt-down angle	a5 114 °	
External turning radius (over tyres)	Wa1 3.94 m	
Jnladen weight (with forks)	10940 kg	
Overall weight	10940 kg	
Tires type	Inflatable	
Standard tires	Alliance 400/80 - 24 - 162A8	
Forks length / width / section	I / e / s 1200 mm x 125 mm x 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 cm ³	
I.C. Engine power rating - Power	100 Hp / 75 kW	
Max. torque / Engine rotation	410 Nm @ 1600 pm	
Drawbar pull (Laden)	9930 daN	
Transmission	2200 dui1	
Transmission type	Torque converter	
	4 / 4	
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 fror axles	it & rea
Hydraulics	UNICO	
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	167 I/min-270 bar	
	107 I/IIIIII-270 Bai	
Tank capacities	101	
Engine oil	10	
Hydraulic oil	1351	
Diesel Exhaust fluid (AdBlue® type)	22.60	
Fuel tank	140 l	
Noise and vibration		
Noise at driving position (LpA)	79 dB	
Noise to environment (LwA)	106 dB	
libration on hands/arms	< 2.50 m/s ²	
Miscellaneous		
Steering wheels (front / rear)	2/2	
Orive wheels (front / rear)	2/2	
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	

MT 1440 ST5 - Dimensional drawing

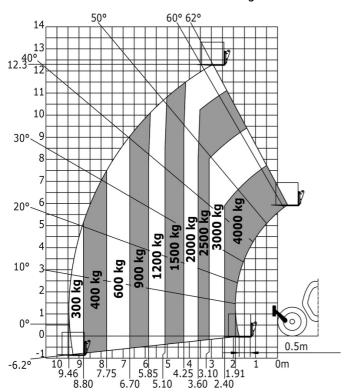




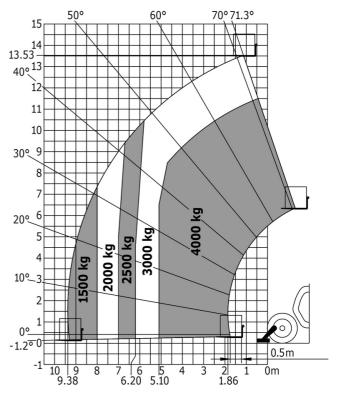


MT 1440 ST5 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric







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