Technical sheet:

MT 1840 EASY ST5

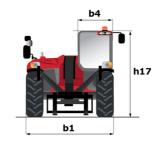


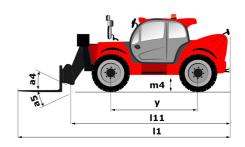


	MT 1840 EASY ST5 Created on 26 April 2024 at 05:19:49 U
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Max. outreach	13.08 m
Breakout force with bucket	7400 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
Length to face of forks	l2 6.27 m
Overall width	b1 2.36 m
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 16°
Tilt-down angle	a5 110 °
External turning radius (over tyres)	Wa1 3.94 m
Unladen weight (with forks)	11710 kg
Overall weight	11710 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	
Lifting	17.50 s
Lowering	13.10 s
Extension	16.50 s
Retraction	16.60 s
Crowd	4.80 s
Dump	4.20 s
Engine	
Engine brand	Deutz
Engine norm	Stage V / Tier 4 final
Engine model	TD 3.6 L
Number of cylinders / Capacity of cylinders	4 - 3621 cm³
I.C. Engine power rating - Power	75 Hp / 55.40 kW
Max. torque / Engine rotation	340 Nm @ 1600 rpm
Drawbar pull (Laden)	8320 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
	Oil-immersed multi-discs braking on front & rear
Service brake	axles
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	106 l/min-270 bar
Tank capacities	
Engine oil	7.50
Hydraulic oil	1351
Fuel tank	140
Noise and vibration	
Noise at driving position (LpA)	79 dB
Noise to environment (LwA)	102 dB
Vibration on hands/arms	< 2.50 m/s ²
Miscellaneous	* 2.00 mg 0
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 2 cab
Controls	JSM

MT 1840 easy ST5 - Dimensional drawing





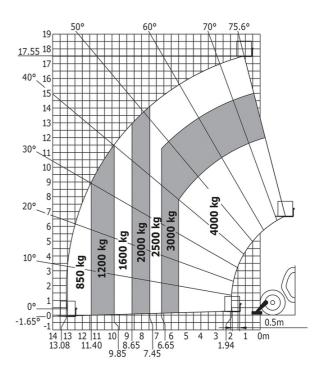


MT 1840 easy ST5 - Load chart

Machine on tyres with forks - with levelling device Metric

14 40° 12 11 10 30° 9 8 1600 kg 2000 kg 2500 kg 3000 kg 20° 5 1200 kg 900 kg/ 600 kg 10° 0 0.5m -4.64°. 10 9 9.60 8.65 8 | 7 | 6 | 5 | 4 | 3 7.20 | 5.40 | 3.90 | 2. 6.40 | 4.70 | 3.40

Machine on lowered stabilisers with forks Metric







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