Technical sheet:

# **MT 1840 EASY ST5**

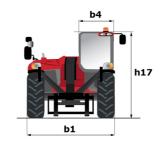


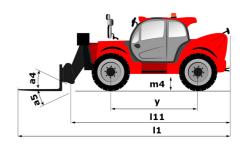


	<b>MT 1840 EASY ST5</b> Created on 26 April 2024 at 11:48:29 U
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Max. outreach	13.08 m
Breakout force with bucket	7400 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
Length to face of forks	12 6.27 m
Overall width	b1 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
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 cm <sup>3</sup>
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
Service brake	Oil-immersed multi-discs braking on front & rear
	axles
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	106 l/min-270 bar
Tank capacities	
Engine oil	7.50
Hydraulic oil	135 l
Fuel tank	140 l
Noise and vibration	
Noise at driving position (LpA)	79 dB
Noise to environment (LwA)	102 dB
Vibration on hands/arms	< 2.50 m/s²
Miscellaneous	
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





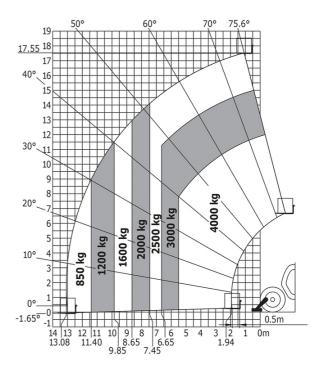


### MT 1840 easy ST5 - Load chart

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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