Technical sheet:

MT 1840 EASY ST5

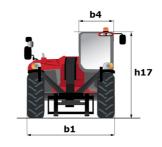


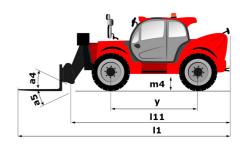


	MT 1840 EASY ST5 Created on 20 April 2024 at 12:18:31 AM L
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Max. outreach	13.08 m
Breakout force with bucket	7400 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
Length to face of forks	12 6.27 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Wheelbase	y 3.07 m
Ground clearance	m4 0.37 m
	b4 0.89 m
Overall cab width	
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	I / 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	0320 udiv
	Torque conveter
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 & rea axles
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	106 I/min-270 bar
Tank capacities	TVV I/IIIII-2/V Udi
Engine oil	7.50
•	
Hydraulic oil	1351
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	

MT 1840 easy ST5 - Dimensional drawing

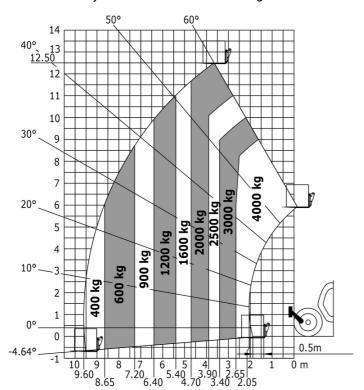




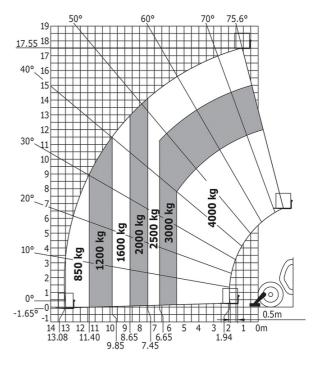


MT 1840 easy ST5 - Load chart

Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric







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