Technical sheet:

MT 1840

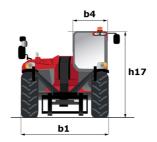


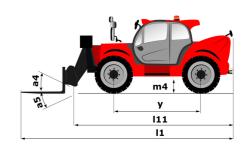


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Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Maximum outreach	13.08 m
Breakout force with bucket	7766 daN
Weight and dimensions	7700 ddit
Overall length to carriage	l11 6.15 m
Length to face of forks	
Overall width	b1 2.36 m
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 12 °
Tilt-down angle	a5 114°
External turning radius (over tyres)	Wa1 3.94 m
Unladen weight (with forks)	11870 kg
Overall weight	11800 kg
Tires type	Inflatable
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s 1200 mm x 125 mm x 45 mm
Performances	
Lifting	16 s
Lowering	12 s
Extension	16 s
Retraction	13 s
	4 s
Crowd	
Dump	4 s
Engine	
Engine brand	Perkins
Engine norm	Stage IV, Tier 4 final
Engine model	854F-E34TA
Number of cylinders / Capacity of cylinders	4 - 3400 cm³
Engine power (Hp/kW)	100 Hp / 75 kW
Max. torque / Engine rotation	430 Nm @ 1400 rpm
Drawbar pull (Laden)	6680 daN
Transmission	
Transmission type	Torque converter
Number of gears (forward / reverse)	4 / 4
Max. travel speed	24.90 km/h
Max. travel speed (may vary according to applicable regulations)	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	167 l/min-270 bar
Tank capacities	
Engine oil	7.50
Hydraulic oil	135 l
Diesel Exhaust fluid (AdBlue® type)	21.60
Hydraulic tank capacity	1351
Fuel	140
Noise and vibration	1401
	70.40
Noise at driving position (LpA)	78 dB
Noise to environment (LwA)	103 dB
Vibration on hands/arms	2.50 m/s ²
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS level 2
Controls	JSM

MT 1840 - Dimensional drawing

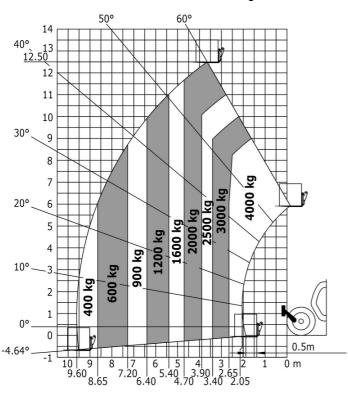




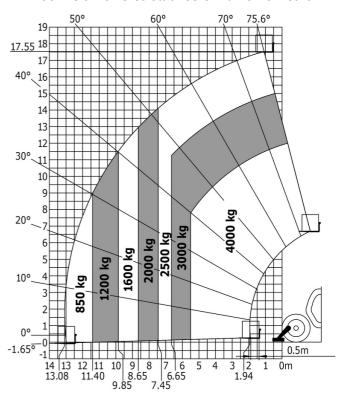


MT 1840 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric







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