Technical sheet:

# **MT 1840**

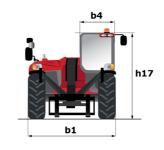


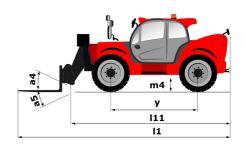


	<b>мт 1840</b> Created on April 17, 2024 at 9:52:09 AM
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Max. outreach	13.08 m
Breakout force with bucket	7766 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
ength to face of forks	12 6.27 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Vheelbase	y 3.07 m
Ground clearance	m4 0.37 m
Overall cab width	b4 0.89 m
Filt-up angle	a4 12 °
Filt-down angle	a5 114°
External tuming radius (over tyres)	Wa1 3.94 m
Unladen weight (with forks)	11870 kg
Overall weight	11800 kg
Tires type	Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section Performances	l / e / s 1200 mm x 125 mm / 45 mm
	16.0
Lifting	16 s 12 s
Lowering	
Extension	16 s 13 s
Retraction	
Crowd	4 s
Dump	4 s
Engine	D.L.
Engine brand	Perkins
Engine norm	Stage IV / Tier 4 Final
Engine model	854F-E34TA
Number of cylinders / Capacity of cylinders	4 - 3400 cm³
I.C. Engine power rating - Power	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
Parking brake	Automatic parking brake
Service brake	Oil-immersed multi-discs braking on front & re axles
Hydraulics	axics
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 I/min-270 bar
Fank capacities	107 I/IIIII-270 Dai
	7.50
Engine oil	
Hydraulic oil	135
Fuel tank	140
DEF tank capacity	21.60 l
Noise and vibration	70.10
Noise at driving position (LpA)	78 dB
Noise to environment (LwA)	103 dB
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 2 cal

## MT 1840 - Dimensional drawing

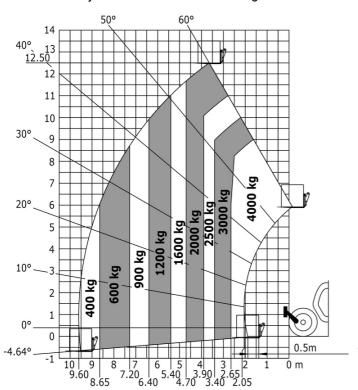




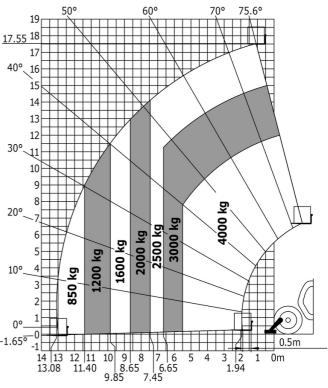


### MT 1840 - Load chart

Machine on tyres with forks - with levelling device Metric



### Machine on lowered stabilisers with forks Metric







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