Technical sheet:

MT 1840

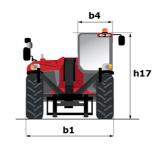


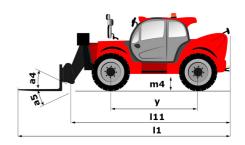


	мт 1840 Created on 26 April 2024 at 09	:15:21 UT
Capacities	Metric	
Max. capacity	4000 kg	
Max. lifting height	17.55 m	
Max. outreach	13.08 m	
Breakout force with bucket	7766 daN	
Weight and dimensions		
Overall length to carriage	l11 6.15 m	
Length to face of forks	l2 6.27 m	
Overall width	b1 2.36 m	
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 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	Pneumatic	
Standard tires	Alliance 400/80 - 24 - 162A	8
Forks length / width / section	I / e / s 1200 mm x 125 mm / 45 mm	
Performances	17 C / 3	"
Lifting	16 s	
Lowering	12 s	
Extension	16 s	
Retraction	13 s	
Crowd	4 s	
	4 s	
Dump Engine	4 5	
Engine brand	Perkins	
•	Stage IV / Tier 4 Final	
Engine model	854F-E34TA	
Engine model	4 - 3400 cm ³	
Number of cylinders / Capacity of cylinders		
I.C. Engine power rating - Power	100 Hp / 75 kW	
Max. torque / Engine rotation	430 Nm @ 1400 rpm 6680 daN	
Drawbar pull (Laden)	0080 Uan	
Transmission	T	
Transmission type	Torque converter	
Number of gears (forward / reverse)	4/4	
Max. travel speed	24.90 km/h	
Parking brake	Automatic parking brake	f+0
Service brake	Oil-immersed multi-discs braking on to axles	rront & rear
Hydraulics		
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	167 l/min-270 bar	
Tank capacities		
Engine oil	7.50 1	
Hydraulic oil	135 I	
Fuel tank	140 I	
DEF tank capacity	21.60	
Noise and vibration		
Noise at driving position (LpA)	78 dB	
Noise to environment (LWA)	70 dB 103 dB	
Vibration on hands/arms	< 2.50 m/s ²	
Miscellaneous	× 2.50 III/S	
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2/2	
		wal 2 cah
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS le	vel Z CdD
Controls	JSM	

MT 1840 - Dimensional drawing





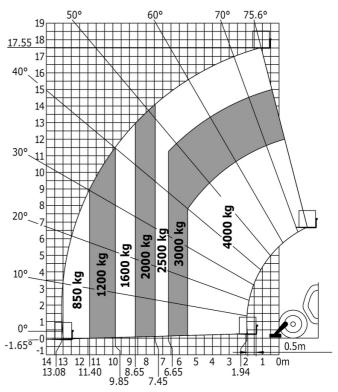


MT 1840 - Load chart

Machine on tyres with forks - with levelling device Metric

40° 12 11 10 30° 9 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 2 7.20 5.40 3.90 2.65 6.40 4.70 3.40 2.05

Machine on lowered stabilisers with forks Metric







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