Technical sheet:

MT 1840

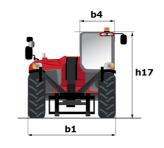


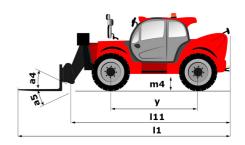


	MT 1840 Created on 25 April	2024 at 5.15.22 PM 01
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		17.55 m
Max. outreach		13.08 m
Breakout force with bucket		7766 daN
Weight and dimensions		
Overall length to carriage	l11	6.15 m
Length to face of forks	12	6.27 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase	у	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 °
	Wa1	3.94 m
External turning radius (over tyres)		
Unladen weight (with forks)		11870 kg
Overall weight		11800 kg
Tires type		neumatic
Standard tires		00/80 - 24 - 162A8
Forks length / width / section	I / e / s 1200 mm	x 125 mm / 45 mm
Performances		
Lifting		16 s
Lowering		12 s
Extension		16 s
Retraction		13 s
Crowd		4 s
Dump		4 s
Engine		
Engine brand		Perkins
Engine norm	Stage	IV / Tier 4 Final
Engine model	8	54F-E34TA
Number of cylinders / Capacity of cylinders	4	- 3400 cm ³
I.C. Engine power rating - Power	100	Hp / 75 kW
Max. torque / Engine rotation	430 N	m @ 1400 rpm
Drawbar pull (Laden)		6680 daN
Transmission		
Transmission type	Toro	ue converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed	2	4.90 km/h
Parking brake		tic parking brake
•		discs braking on front & rear
Service brake	on minetoca maia	axles
Hydraulics		
Hydraulic pump type	0	ear pump
Hydraulic flow / Pressure	167	/min-270 bar
Tank capacities		
Engine oil		7.50 l
Hydraulic oil		135
Fuel tank		140
DEF tank capacity		21.60
Noise and vibration		
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 / Safety cab homologation	Standard EN 1500) / ROPS - FOPS level 2 cab
Controls		JSM

MT 1840 - Dimensional drawing







MT 1840 - Load chart

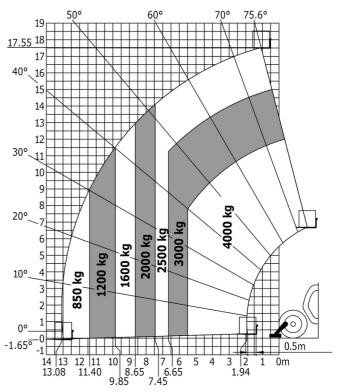
10 9 9.60 8.65

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° -

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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