Technical sheet :





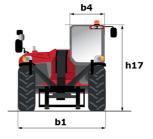


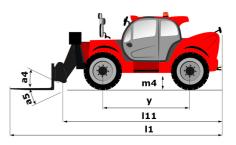
	MT 1840	Created on 26 April 2024 at 23.42.56 UT
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		17.55 m
Max. outreach		13.08 m
Breakout force with bucket		7766 daN
Weight and dimensions		
Overall length to carriage	11	6.15 m
Length to face of forks	12	6.27 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase	v	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
		Pneumatic
Tires type Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 45 mm
	1/e/\$	1200 11111 x 123 11111 / 43 11111
Performances		16 s
Lifting		
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		854F-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 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 & rear axles
Hydraulics		axies
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-270 bar
Tank capacities		7.50
Engine oil		
Hydraulic oil		1351
Fuel tank		140
DEF tank capacity		21.60 l
Noise and vibration		
Noise at driving position (LpA)		78 dB
Noise to environment (LwA)		103 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		Standard EN 15000 / ROPS - FOPS level 2 cab
Controls		JSM

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MT 1840 - Dimensional drawing



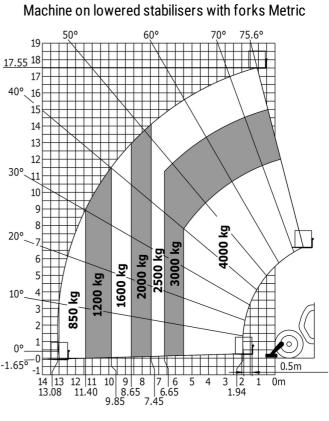




MT 1840 - Load chart

Machine on tyres with forks - with levelling device Metric

50° 60° 14 40° 0° 13 <u>12.50</u> 12 11 10 30° 9 8 4000 kg 7 1600 kg 2000 kg 2500 kg 3000 kg 20° 6 5 120Ó kg 4 900 kg 600 kg 10° .3 400 kg 2 1 0° 0 0.5m -4.64°_ -1 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 1 0 m





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