Technical sheet :





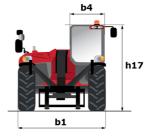


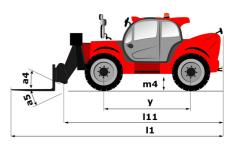
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Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Max. outreach	13.08 m
Breakout force with bucket	7766 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
Length to face of forks	l2 6.27 m
Overall width	b1 2.36 m
Overall 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 - 162A8
Forks length / width / section	l / 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	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	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 l/min-270 bar
Tank capacities	
Engine oil	7.501
Hydraulic oil	1351
Fuel tank	1401
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/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



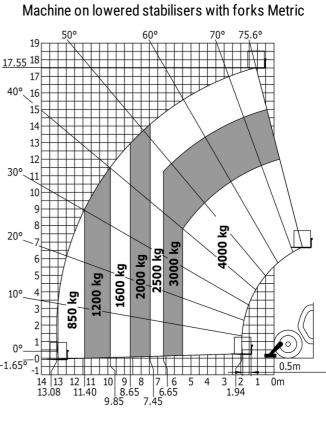




MT 1840 - Load chart

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 -1.65 -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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