Technical sheet:

MT 1840

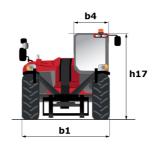


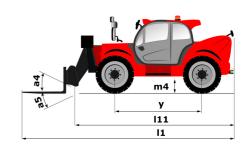


		MT 184	created on July 3, 2025 at 9:55 PM UT
Capacities		Metric	Imperial
Max. capacity		4000 kg	8818 lb
Max. lifting height		17.55 m	57 ft 7 in
Maximum outreach		13.08 m	42 ft 11 in
Breakout force with bucket		7766 daN	7766 daN
Weight and dimensions			
Overall length to carriage	l11	6.15 m	20 ft 2 in
Length to face of forks	12	6.27 m	20 ft 7 in
Overall width	b1	2.36 m	7 ft 9 in
Overall height	h17	2.45 m	8 ft
Wheelbase	у	3.07 m	10 ft 1 in
Ground clearance	m4	0.37 m	1 ft 3 in
Overall cab width	b4	0.89 m	2 ft 11 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	114 °	114 °
External turning radius (over tyres)	Wa1	3.94 m	12 ft 11 in
Unladen weight (with forks)		11870 kg	26169 lb
Overall weight		11800 kg	26015 lb
Tires type		Pneumatic	Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l/e/s	1200 mm x 125 mm x 45 mm	47 in x 5 in x 2 in
Performances			
Lifting		16 s	16 s
Lowering		12 s	12 s
Extension		16 s	16 s
Retraction		13 s	13 s
Crowd		4 s	4 s
Dump		4 s	4 s
Engine			
Engine brand		Perkins	Perkins
Engine norm		Stage IV, Tier 4 final	Stage IV, Tier 4 final
Engine model		854F-E34TA	854F-E34TA
Number of cylinders / Capacity of cylinders		4 - 3400 cm ³	4 - 207 in³
I.C. Engine power rating - Power		100 Hp / 75 kW	100 Hp / 75 kW
Max. torque / Engine rotation		430 Nm @ 1400 rpm	317 ft/lbs @ 1400 rpm
Drawbar pull (Laden)		6680 daN	6680 daN
Transmission			
Transmission type		Torque converter	Torque converter
Number of gears (forward / reverse)		4 / 4	4 / 4
Max. travel speed		24.90 km/h	15 mph
Max. travel speed (may vary according to applicable regulations)		24.90 km/h	15 mph
Parking brake		Automatic parking brake	Automatic parking brake
Service brake		Oil-immersed multi-discs braking on front & rear	Oil-immersed multi-discs braking on front & rear
Hydraulics		axles	axles
.,		Coar numn	Coar nump
Hydraulic pump type Hydraulic flow / Pressure		Gear pump 167 l/min-270 bar	Gear pump 44 US gpm-3916 PSI
Tank capacities		107 1/111111°270 Dd1	44 03 ypiir3310 F3i
Engine oil		7.50	2 US gal
Hydraulic oil		7.50 I 135 I	2 US gal
Diesel Exhaust fluid (AdBlue® type)		21.60 l	36 US gal 6 US gal
		135	·
Hydraulic tank capacity Fuel tank		135 I 140 I	36 US gal
Noise and vibration		1401	37 US gal
		70 AD	70 dD
Noise at driving position (LpA)		78 dB	78 dB
Noise to environment (LwA)		103 dB	103 dB
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous		0.10	2/2
Steering wheels (front / rear)		2/2	2/2
Drive wheels (front / rear)		2/2	2/2
Safety / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS level 2	Standard EN 15000 / Cabin ROPS - FOPS level 2
Controls		JSM	JSM

MT 1840 - Dimensional drawing

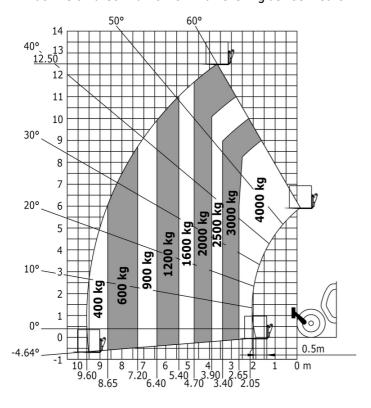




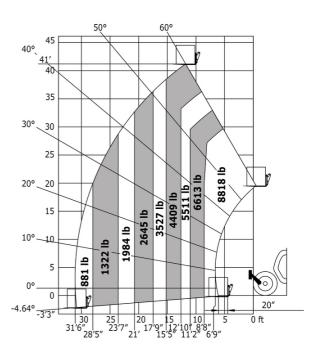


MT 1840 - Load chart

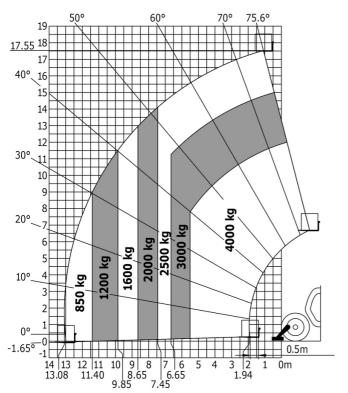
Machine on tires with forks - with levelling device Metric



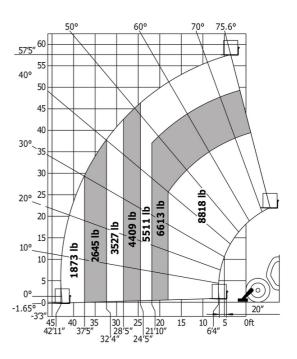
Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with forks Imperial







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