Technical sheet:

## MT 1840 A

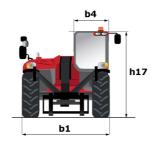


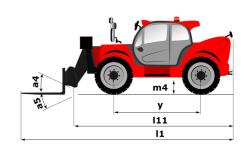


	MT 1840 A Created on October 21, 2025 at 4:56 PM
Capacities	Imperial
Max. capacity	8818 lb
Max. lifting height	57 ft 7 in
Maximum outreach	42 ft 11 in
Breakout force with bucket	7706 daN
Weight and dimensions	
Overall length to carriage	I11 20 ft 2 in
Length to face of forks	12 20 ft 7 in
Overall width	b1 7 ft 9 in
Overall height	h17 8 ft
Wheelbase	y 10 ft 1 in
Ground clearance	m4 1 ft 3 in
Overall cab width	b4 2 ft 11 in
Tilt-up angle	a4 12 °
Filt-down angle	a5 114°
External turning radius (over tyres)	Wa1 12 ft 11 in
Overall weight	27337 lb
Jnladen weight (with man basket)	27888 lb
Tires type	Inflatable
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s 47 in x 5 in x 2 in
Performances	
ifting	14.20 s
_owering ·	14.60 s
Extension	18.60 s
Retraction	15 s
Crowd	5.10 s
Dump	4.80 s
Engine	Perkins
Engine brand	
Engine norm Engine model	Stage IV, Tier 4 final 854F-E34TA
Number of cylinders / Capacity of cylinders	4 - 207 in <sup>3</sup>
Engine power (Hp/kW)	102 Hp / 75 kW
Max. torque / Engine rotation	317 ft/lbs @ 1400 rpm
Drawbar pull (Laden)	6680 daN
Transmission	0000 0011
Fransmission type	Torque converter
Number of gears (forward / reverse)	4 / 4
Max. travel speed	15 mph
Max. travel speed (may vary according to applicable regulations)	16 mph
Parking brake	Automatic parking brake
•	Oil-immersed multi-discs braking on front &
Service brake	axles
<del>lydraulics</del>	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	28 US gpm-3916 PSI
Tank capacities	
Engine oil	2 US gal
Hydraulic oil	36 US gal
Diesel Exhaust fluid (AdBlue® type)	6 US gal
euel tank	37 US gal
Noise and vibration	
Noise at driving position (LpA)	78 dB
loise to environment (LwA)	103 dB
/ibration on hands/arms	< 8 ft/s²
Compatible platform	
Platform capacity	Q 2205 lb
Number of people	3
Platform dimensions (length x width)	lp / ep 16404 ft 2 in x 3937 ft
Platform weight*	2535 lb
Miscellaneous	
Steering wheels (front / rear)	2/2
Orive wheels (front / rear)	2/2
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS leve

## MT 1840 A - Dimensional drawing



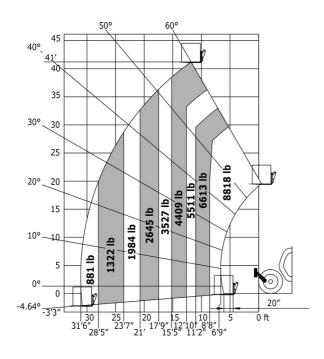


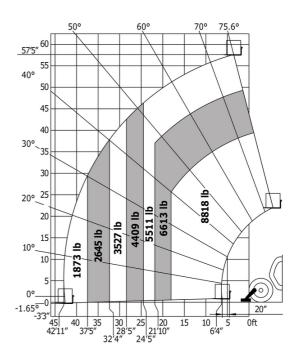


MT 1840 A - Load chart

Machine on tires with forks - with levelling device Imperial

## $\label{thm:machine on lowered stabilisers with forks Imperial} \label{thm:machine on lowered stabilisers} \label{thm:machine on lowered stabilisers}$









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