Technical sheet:

# MT 1840 A

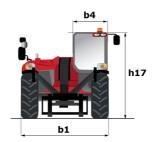


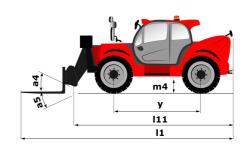


			A Created on July 3, 2025 at 9:38 PM
Capacities		Metric	Imperial
Max. capacity		4000 kg	8818 lb
Max. lifting height		17.55 m	57 ft 7 in
Maximum outreach		13.08 m	42 ft 11 in
reakout force with bucket		7706 daN	7706 daN
Veight and dimensions			
verall length to carriage	l11	6.15 m	20 ft 2 in
ength to face of forks	12	6.27 m	20 ft 7 in
verall width	b1	2.36 m	7 ft 9 in
verall height	h17	2.45 m	8 ft
/heelbase		3.07 m	10 ft 1 in
	y		
round clearance	m4	0.37 m	1 ft 3 in
verall cab width	b4	0.89 m	2 ft 11 in
lt-up angle	a4	12 °	12 °
It-down angle	a5	114 °	114°
ternal turning radius (over tyres)	Wa1	3.94 m	12 ft 11 in
verall weight		12400 kg	27337 lb
nladen weight (with man basket)		12650 kg	27888 lb
res type		Pneumatic	Pneumatic
andard tires		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
orks length / width / section	l/e/s	1200 mm x 125 mm x 45 mm	47 in x 5 in x 2 in
erformances	7, 5, 5	. The same of the	7 11 A V 11 A Z 111
fting		14.20 s	14.20 s
-			
owering 		14.60 s	14.60 s
tension		18.60 s	18.60 s
etraction		15 s	15 s
rowd		5.10 s	5.10 s
итр		4.80 s	4.80 s
ngine			
ngine brand		Perkins	Perkins
ngine norm		Stage IV, Tier 4 final	Stage IV, Tier 4 final
ngine model		854F-E34TA	854F-E34TA
umber of cylinders / Capacity of cylinders		4 - 3400 cm³	4 - 207 in <sup>3</sup>
C. Engine power rating - Power		102 Hp / 75 kW	102 Hp / 75 kW
ax. torque / Engine rotation		430 Nm @ 1400 rpm	317 ft/lbs @ 1400 rpm
rawbar pull (Laden)		6680 daN	6680 daN
		0080 dan	0000 uain
ransmission			-
ransmission type		Torque converter	Torque converter
umber of gears (forward / reverse)		4 / 4	4 / 4
ax. travel speed		24.90 km/h	15 mph
ax. travel speed (may vary according to applicable regulations)		25 km/h	16 mph
arking brake		Automatic parking brake	Automatic parking brake
ervice brake		Oil-immersed multi-discs braking on front & rear	Oil-immersed multi-discs braking on front & re
		axles	axles
ydraulics			
ydraulic pump type		Gear pump	Gear pump
ydraulic flow / Pressure		106 l/min-270 bar	28 US gpm-3916 PSI
ank capacities			
ngine oil		7.50 l	2 US gal
ydraulic oil		135 I	36 US gal
iesel Exhaust fluid (AdBlue® type)		21.60	6 US gal
uel tank		140 I	37 US gal
oise and vibration		1701	
oise and winduon oise at driving position (LpA)		78 dB	78 dB
uise at unving position (LpA)			
ains to anvironment (Luch)		103 dB	103 dB
bration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
bration on hands/arms ompatible platform			
bration on hands/arms ompatible platform	Q	1000 kg	2205 lb
bration on hands/arms ompatible platform atform capacity	Q		
bration on hands/arms  compatible platform  atform capacity  umber of people	Q Ip / ep	1000 kg	2205 lb
bration on hands/arms ompatible platform atform capacity umber of people atform dimensions (length x width)		1000 kg 3 5000 m x 1200 m	2205 lb 3 16404 ft 2 in x 3937 ft
bration on hands/arms ompatible platform atform capacity umber of people atform dimensions (length x width) atform weight*		1000 kg 3	2205 lb 3
bration on hands/arms ompatible platform atform capacity umber of people atform dimensions (length x width) atform weight* iscellaneous		1000 kg 3 5000 m x 1200 m 1150 kg	2205 lb 3 16404 ft 2 in x 3937 ft 2535 lb
bration on hands/arms ompatible platform atform capacity umber of people atform dimensions (length x width) atform weight* iscellaneous eering wheels (front / rear)		1000 kg 3 5000 m x 1200 m 1150 kg 2 / 2	2205 lb 3 16404 ft 2 in x 3937 ft 2535 lb 2 / 2
oise to environment (LwA) ibration on hands/arms  ompatible platform  latform capacity  umber of people  latform dimensions (length x width)  latform weight*  liscellaneous  teering wheels (front / rear) rive wheels (front / rear)		1000 kg 3 5000 m x 1200 m 1150 kg	2205 lb 3 16404 ft 2 in x 3937 ft 2535 lb

# MT 1840 A - Dimensional drawing



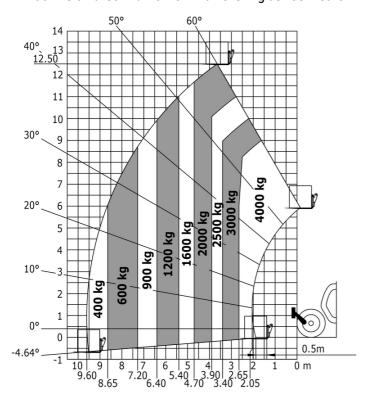


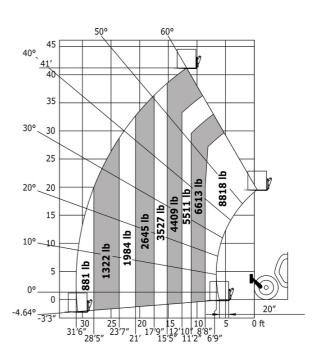


#### MT 1840 A - Load chart

Machine on tires with forks - with levelling device Metric

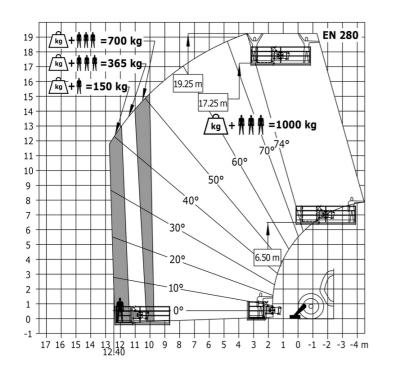
Machine on tires with forks - with levelling device Imperial

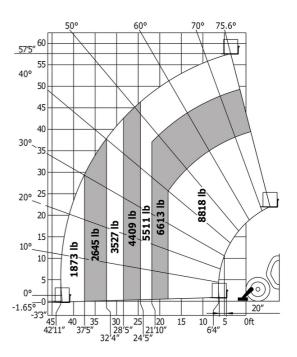




# Machine on stabilisers with Man basket Metric

### Machine on lowered stabilisers with forks Imperial









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