Technical sheet :

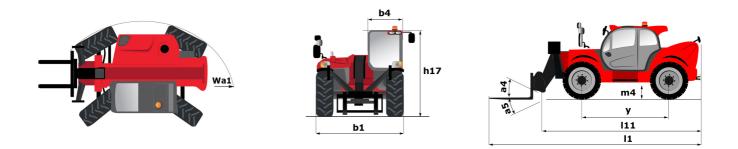
MT 1840 A





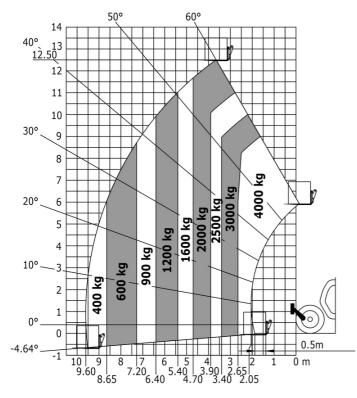
		MT 1840	A Created on July 3, 2025 at 8:19 PM
Capacities		Metric	Imperial
/ax. capacity		4000 kg	8818 lb
lax. lifting height		17.55 m	57 ft 7 in
aximum outreach		13.08 m	42 ft 11 in
reakout force with bucket		7706 daN	7706 daN
eight and dimensions			
verall length to carriage	111	6.15 m	20 ft 2 in
ength 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	у	3.07 m	10 ft 1 in
round clearance	m4	0.37 m	1 ft 3 in
verall cab width	b4	0.89 m	2 ft 11 in
It-up angle	a4	12 °	12 °
It-down angle	a5	114 °	114 °
sternal 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			
fting		14.20 s	14.20 s
wering		14.60 s	14.60 s
tension		18.60 s	18.60 s
traction		15 s	15 s
bwo		5.10 s	5.10 s
Jmp		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 cm ³	4 - 207 in ³
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
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 axles	Oil-immersed multi-discs braking on front & rea axles
ydraulics			
ydraulic pump type		Gear pump	Gear pump
/draulic flow / Pressure		106 l/min-270 bar	28 US gpm-3916 PSI
ank capacities			
igine oil		7.50 l	2 US gal
draulic oil		135 l	36 US gal
esel Exhaust fluid (AdBlue® type)		21.60 l	6 US gal
iel tank		140 I	37 US gal
pise and vibration			
bise at driving position (LpA)		78 dB	78 dB
ise to environment (LwA)		103 dB	103 dB
bration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
ompatible platform			
atform capacity	Q	1000 kg	2205 lb
umber of people		3	3
atform dimensions (length x width)	lp / ep	5000 m x 1200 m	16404 ft 2 in x 3937 ft
atform weight*		1150 kg	2535 lb
iscellaneous			
eering wheels (front / rear)		2 / 2	2 / 2
ive wheels (front / rear)		2 / 2	2 / 2
afety / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS level 2	Standard EN 15000 / Cabin ROPS - FOPS level

MT 1840 A - Dimensional drawing

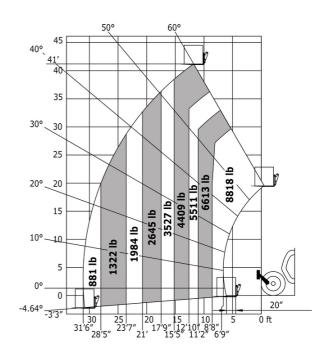


MT 1840 A - Load chart

Machine on tires with forks - with levelling device Metric

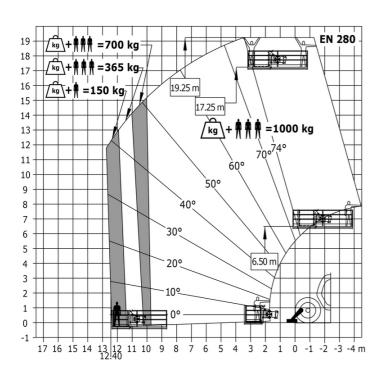


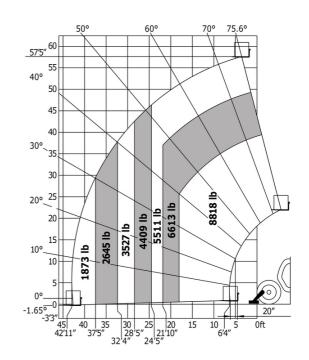
Machine on tires with forks - with levelling device Imperial



Machine on stabilisers with Man basket Metric

Machine on lowered stabilisers with forks Imperial







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