Technical sheet:

MT 1840 HA



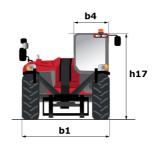


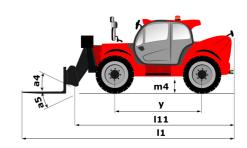
		MT 1840 HA CI	reated on April 25, 2024 at 12:36:31 AM
Capacities		Metric	Imperial
Max. capacity		4000 kg	8818 lb
Max. lifting height		17.55 m	57 ft 7 in
Max. outreach		13.08 m	42 ft 11 in
Breakout force with bucket		8390 daN	8390 daN
Veight and dimensions			
verall length to carriage	l11	6.15 m	20 ft 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	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
ilt-up angle	a4	12 °	12 °
It-down angle	a5	114 °	114 °
xternal tuming radius (over tyres)	Wa1	3.94 m	12 ft 11 in
verall weight		12000 kg	26455 lb
nladen weight (with man basket)		12680 kg	27955 lb
res type		Pneumatic	Pneumatic
andard tires		Alliance 400/80 - 24 - 162A8	
	1/e/s	1200 mm x 125 mm / 50 mm	Alliance 400/80 - 24 - 162A8 47 in x 5 in / 2 in
rks length / width / section	1/0/8	1200 HIIII X 123 HIIII / 30 MM	4/ III x 3 III / 2 IN
erformances		14.00 -	14.20 -
fting		14.20 s	14.20 s
owering		14.60 s	14.60 s
tension		18.60 s	18.60 s
etraction		15.50 s	15.50 s
rowd		5.10 s	5.10 s
ump		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		854E-E34TA	854E-E34TA
umber of cylinders / Capacity of cylinders		4 - 3400 cm ³	4 - 207 in³
C. Engine power rating - Power		100 Hp / 75 kW	100 Hp / 75 kW
ax. torque / Engine rotation		430 Nm @ 1400 rpm	317 ft/lbs @ 1400 rpm
rawbar pull (Laden)		7220 daN	7220 daN
ransmission			
ransmission type		Hydrostatic	Hydrostatic
umber of gears (forward / reverse)		3 / 3	3 / 3
ax. travel speed		24.90 km/h	15 mph
arking brake		Automatic parking brake	Automatic parking brake
ervice brake		Oil-Immersed multi-discs braking on front axles	Oil-Immersed multi-discs braking on front axle
ydraulics			
ydraulic pump type		Gear pump	Gear pump
vdraulic flow / Pressure		170 l/min-270 bar	45 US gpm-3916 PSI
ank capacities			
ngine oil		7.50 l	2 US gal
ydraulic oil		135 I	36 US gal
uel tank		140 I	37 US gal
EF tank capacity		21.60	6 US gal
oise and vibration			
oise at driving position (LpA)		18 dB	18 dB
pise to environment (LwA)		103 dB	103 dB
bration on hands/arms		< 2.50 m/s ²	< 2.50 m/s²
ompatible platform		2.00 m/0	2.00 11/3
atform capacity	Q	1000 kg	2205 lb
umber of people	Ų	3	3
	In / an		
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
rive wheels (front / rear)		2/2	2/2
fety / Safety cab homologation		Standard EN 15000 / ROPS - FOPS level 2 cab	Standard EN 15000 / ROPS - FOPS level 2 cal
ontrols		JSM	JSM
		Data in diagraph with hardrak hardrak account near	Date in diseased with baseless baseless successions
dditional information		Data indicated with basket basket, except max. capacity, lifting height and offset.	Data indicated with basket basket, except ma: capacity, lifting height and offset.

Data indicated with basket basket, except max. capacity, lifting height and offset.

MT 1840 HA - Dimensional drawing

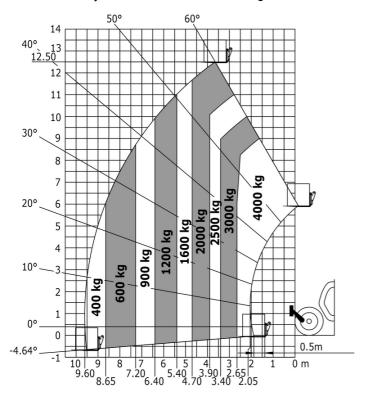




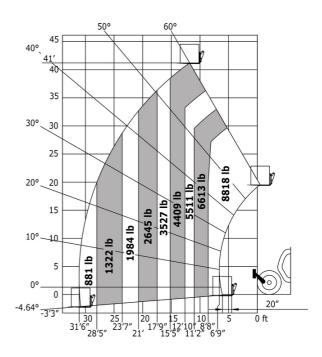


MT 1840 HA - Load chart

Machine on tyres with forks - with levelling device Metric

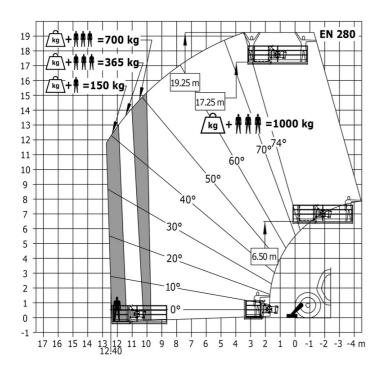


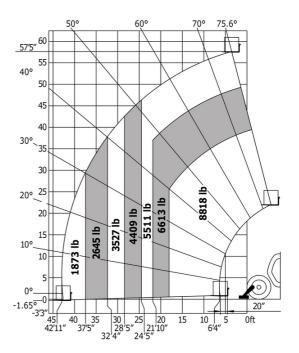
Machine on tyres with forks Imperial



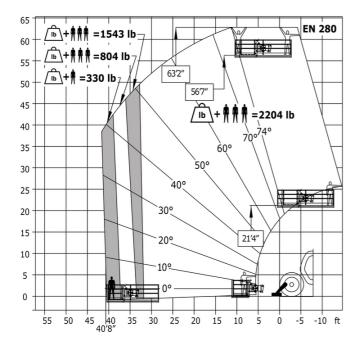
Machine on stabilisers with Man basket Metric

Machine on lowered stabilisers with forks Imperial





Machine on stabilisers with Man basket Imperial







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