Technical sheet :

МТ 1440 НА

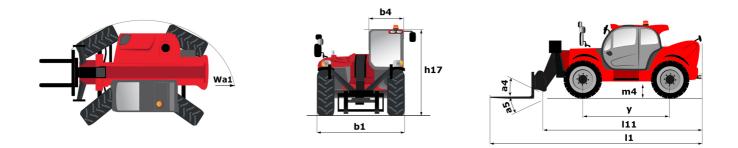




Capacities		Metric	Imperial
Max. capacity		4000 kg	8818 lb
Max. lifting height		13.53 m	44 ft 5 in
		9.46 m	31 ft
Maximum outreach			
Breakout force with bucket		9390 daN	9390 daN
Weight and dimensions			
Overall length to carriage	111	6.02 m	19 ft 9 in
Length to face of forks	12	6.13 m	20 ft 1 in
Overall 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
Jnladen weight (with forks)		11620 kg	25618 lb
Dverall weight		11200 kg	24692 lb
-			Pneumatic
Tires type		Pneumatic	
Standard tires		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
	l/e/s	1200 mm x 125 mm x 45 mm	47 in x 5 in x 2 in
Performances			
ifting		15.70 s	15.70 s
owering		13.30 s	13.30 s
ixtension		19 s	19 s
Retraction		15 s	15 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
lumber of cylinders / Capacity of cylinders		4 - 3400 cm ³	4 - 207 in ³
.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 mm
Drawbar pull (Laden)	_	7520 daN	7520 daN
ransmission			
Fransmission type		Hydrostatic	Hydrostatic
lumber of gears (forward / reverse)		3 / 3	3 / 3
Aax. travel speed		24.90 km/h	15 mph
Nax. travel speed (may vary according to applicable regulations)		25 km/h	16 mph
Parking brake		Automatic parking brake	Automatic parking brake
Service brake		Oil-Immersed multi-discs braking on front axles	Oil-Immersed multi-discs braking on front axle
lydraulics			
lydraulic pump type		Gear pump	Gear pump
Hydraulic flow / Pressure		170 I/min-480 bar	45 US gpm-6962 PSI
Tank capacities			
Engine oil		7.50 l	2 US gal
łydraulic oil		135	36 US gal
riesel Exhaust fluid (AdBlue® type)		21.60	6 US gal
uel tank			
		140 l	37 US gal
loise and vibration		70.10	70.10
loise at driving position (LpA)		78 dB	78 dB
loise to environment (LwA)		103 dB	103 dB
'ibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
/iscellaneous			
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
Controls		JSM	JSM
		Data indicated with basket basket, except max.	Data indicated with basket basket, except max
Additional information		capacity, lifting height and offset.	capacity, lifting height and offset.

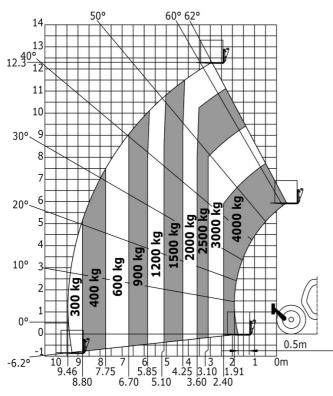
Data indicated with basket basket, except max. capacity, lifting height and offset.

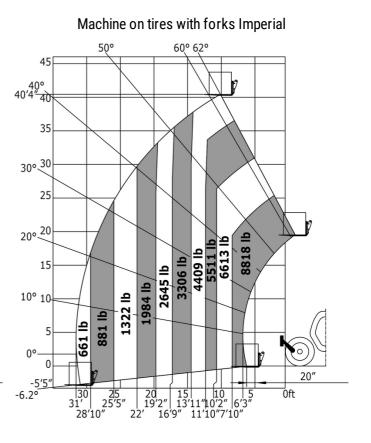
MT 1440 HA - Dimensional drawing

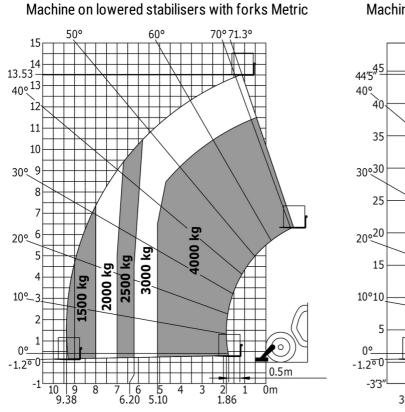


MT 1440 HA - Load chart

Machine on tires with forks - with levelling device Metric

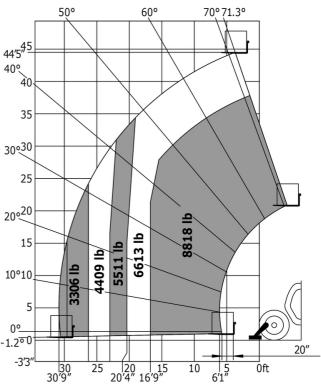




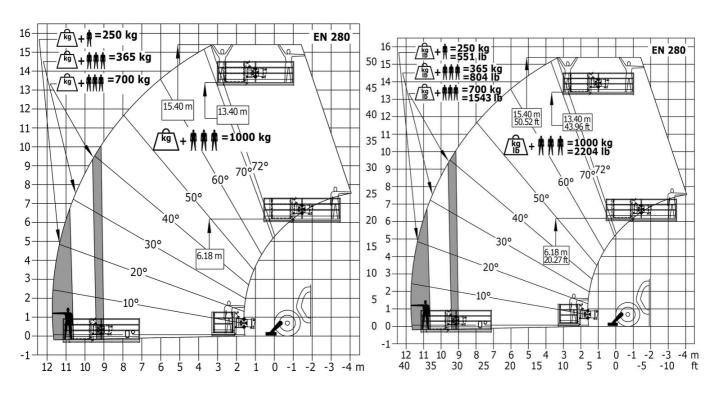


Machine on stabilisers with Man basket Metric

Machine on lowered stabilisers with forks Imperial



Machine on stabilisers with Man basket Imperial





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