Technical sheet:

MT 1440 A

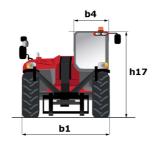


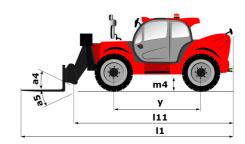


		MT 1440 A Ci	eated on April 20, 2024 at 12:49:50 PM L
Capacities		Metric	Imperial
Max. capacity		4000 kg	8818 lb
Max. lifting height		13.53 m	44 ft 5 in
Max. outreach		9.46 m	31 ft
Breakout force with bucket		7916 daN	7916 daN
Veight and dimensions			
Overall length to carriage	l11	6.02 m	19 ft 9 in
ength 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
Vheelbase	у	3.07 m	10 ft 1 in
Fround clearance	m4	0.37 m	1 ft 3 in
Overall cab width	b4	2.37 m	7 ft 9 in
ilt-up angle	a4	12 °	12 °
ilt-down angle	a5	114 °	114 °
external turning radius (over tyres)	Wa1	3.94 m	12 ft 11 in
Overall weight	vva i	11200 kg	24692 lb
•			25618 lb
Inladen weight (with man basket)		11620 kg Pneumatic	Pneumatic
ires type			
tandard tires	11.1.	Alliance 400/80 - 24 - 162A8 1200 mm x 125 mm / 45 mm	Alliance 400/80 - 24 - 162A8
orks length / width / section	l/e/s	1200 mm x 125 mm / 45 mm	47 in x 5 in / 2 in
Performances			
ifting		14 s	14 s
owering		14 s	14 s
extension		19.70 s	19.70 s
detraction		14.20 s	14.20 s
rowd		5 s	5 s
ump		5 s	5 s
ingine			
ingine brand		Perkins	Perkins
ingine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
ingine model		854FE34TA	854FE34TA
lumber of cylinders / Capacity of cylinders		4 - 3400 cm³	4 - 207 in³
.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 rpm
rawbar pull (Laden)		8090 daN	8090 daN
ransmission			
ransmission type		Torque converter	Torque converter
lumber of gears (forward / reverse)		4 / 4	4 / 4
Max. travel speed		24.90 km/h	15 mph
Parking brake		Automatic parking brake	Automatic parking brake
		Oil-immersed multi-discs braking on front & rear	Oil-immersed multi-discs braking on front & rea
Service brake		axles	axles
lydraulics			
łydraulic pump type		Gear pump	Gear pump
lydraulic flow / Pressure		170 l/min-270 bar	45 US gpm-3916 PSI
ank capacities			
ingine oil		7.50 l	2 US gal
lydraulic oil		135	36 US gal
uel tank		140 I	37 US gal
PEF tank capacity		21.60 l	6 US gal
loise and vibration			-
loise at driving position (LpA)		78 dB	78 dB
loise to environment (LwA)		103 dB	103 dB
ibration on hands/arms		< 2.50 m/s ²	< 2.50 m/s²
compatible platform		- 2.00 111/3	- 2.30 11/3
	0	1000 kg	2205 lb
latform capacity	Q		
lumber of people	lu tau	3	3
latform dimensions (length x width)	lp / ep	5000 m x 1200 m	16404 ft 2 in x 3937 ft
latform weight*		1150 kg	2535 lb
Aiscellaneous			
teering wheels (front / rear)		2 / 2	2 / 2
		2 / 2	2/2
Drive wheels (front / rear) Safety / Safety cab homologation		2 / 2 Standard EN 15000 / ROPS - FOPS level 2 cab	2 / 2 Standard EN 15000 / ROPS - FOPS level 2 cab

MT 1440 A - Dimensional drawing

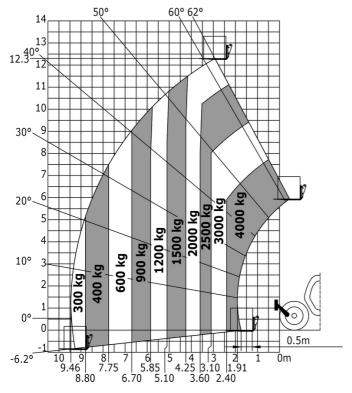




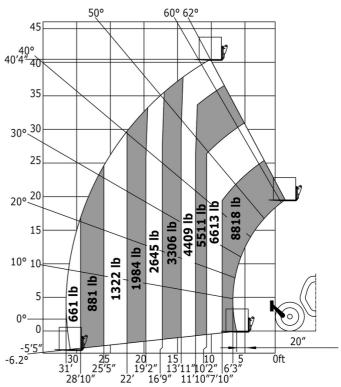


MT 1440 A - Load chart

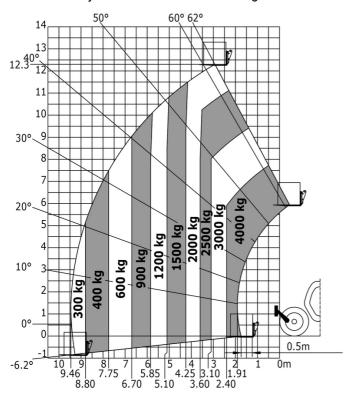




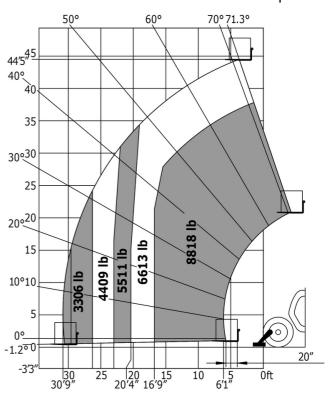
Machine on tyres with forks Imperial



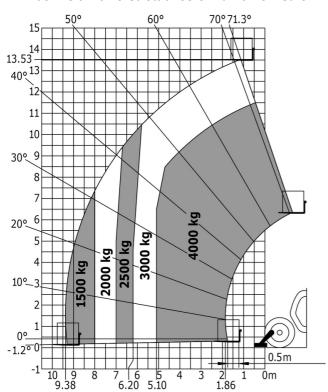
Machine on tyres with forks - with levelling device Metric



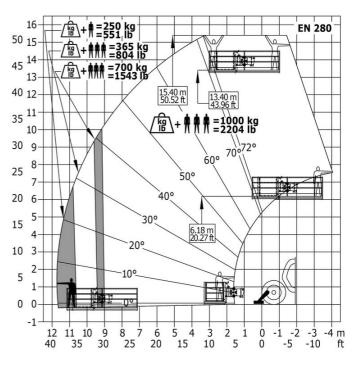
Machine on lowered stabilisers with forks Imperial



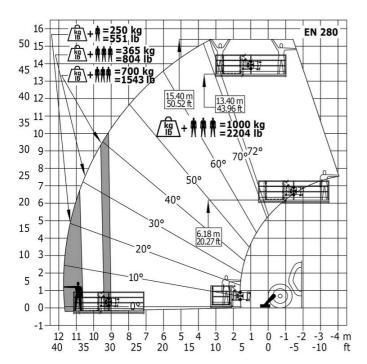
Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Imperial



Machine on stabilisers with Man basket Metric







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