Technical sheet:

MT 1440 A

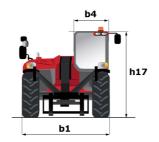


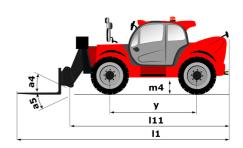


	MI 1440A	Created on April 23, 2024 at 9:41:41 PM U
Capacities	Metric	Imperial
Max. capacity	4000 kg	8818 lb
Max. lifting height	13.53 m	44 ft 5 in
Max. outreach	9.46 m	31 ft
Breakout force with bucket	7916 daN	7916 daN
Weight and dimensions		
Overall length to carriage	11 6.02 m	19 ft 9 in
Length to face of forks	l2 6.13 m	20 ft 1 in
Overall width	b1 2.36 m	7 ft 9 in
Overall height h	117 2.45 m	8 ft
Wheelbase	y 3.07 m	10 ft 1 in
	m4 0.37 m	1 ft 3 in
Overall cab width	b4 2.37 m	7 ft 9 in
Filt-up angle	a4 12 °	12 °
	a5 114 °	114 °
3	Va1 3.94 m	12 ft 11 in
Overall weight	11200 kg	24692 lb
Jnladen weight (with man basket)	11620 kg	25618 lb
Fires type	Pneumatic	Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
	e / s 1200 mm x 125 mm / 45 mm	47 in x 5 in / 2 in
Performances	- 1200 Hill A 120 Hill / 40 Hill	77 111 / 0 111 / 2 111
Lifting	14 s	14 s
Lowering	14 s	14 s
Extension	19.70 s	19.70 s
Retraction	14.20 s	14.20 s
Crowd	14.20 S 5 s	14.20 S 5 s
	5 s	5 s
Oump	5 8	3 \$
Engine Control of the	Darking	Dadrina
ingine brand	Perkins	Perkins
Engine norm	Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Engine model	854FE34TA	854FE34TA
Number 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
Orawbar pull (Laden)	8090 daN	8090 daN
Transmission		_
Fransmission type	Torque converter	Torque converter
Number 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
Service brake	Oil-immersed multi-discs braking on front & rear axles	Oil-immersed multi-discs braking on front & rear axles
lydraulics		
Hydraulic pump type	Gear pump	Gear pump
Hydraulic flow / Pressure	170 l/min-270 bar	45 US gpm-3916 PSI
Fank capacities		
	7.50 l	2 US gal
•		
•	135 I	36 US gal
lydraulic oil	140 l	
dydraulic oil iuel tank		36 US gal
dydraulic oil uel tank IEF tank capacity	140 l	36 US gal 37 US gal
updraulic oil uel tank UEF tank capacity loise and vibration	140 l	36 US gal 37 US gal
tydraulic oil cuel tank IEF tank capacity loise and vibration loise at driving position (LpA)	140 l 21.60 l	36 US gal 37 US gal 6 US gal
tydraulic oil cuel tank DEF tank capacity loise and vibration loise at driving position (LpA) loise to environment (LwA)	140 I 21.60 I 78 dB	36 US gal 37 US gal 6 US gal 78 dB
dydraulic oil fuel tank DEF tank capacity loise and vibration loise at driving position (LpA) loise to environment (LwA) fibration on hands/arms	140 I 21.60 I 78 dB 103 dB	36 US gal 37 US gal 6 US gal 78 dB 103 dB
tydraulic oil fuel tank DEF tank capacity Ioise and vibration Ioise at driving position (LpA) Ioise to environment (LwA) Fibration on hands/arms Compatible platform	140 I 21.60 I 78 dB 103 dB	36 US gal 37 US gal 6 US gal 78 dB 103 dB
tydraulic oil fuel tank DEF tank capacity Ioise and vibration Ioise at driving position (LpA) Ioise to environment (LwA) Fibration on hands/arms Compatible platform Platform capacity	140 I 21.60 I 78 dB 103 dB < 2.50 m/s ²	36 US gal 37 US gal 6 US gal 78 dB 103 dB < 2.50 m/s²
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Addraulic oil Guel tank DEF tank capacity Ioise and vibration Ioise at driving position (LpA) Ioise to environment (LwA) I/ibration on hands/arms Compatible platform Platform capacity Iumber of people Platform dimensions (length x width) Ip	140 I 21.60 I 78 dB 103 dB < 2.50 m/s² Q 1000 kg 3 / ep 5000 m x 1200 m	36 US gal 37 US gal 6 US gal 78 dB 103 dB < 2.50 m/s² 2205 lb 3 16404 ft 2 in x 3937 ft
Addraulic oil Guel tank DEF tank capacity Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Noise to environm	140 I 21.60 I 78 dB 103 dB < 2.50 m/s² Q 1000 kg 3	36 US gal 37 US gal 6 US gal 78 dB 103 dB < 2.50 m/s ² 2205 lb 3
tydraulic oil fuel tank DEF tank capacity Ioise and vibration Ioise at driving position (LpA) Ioise to environment (LwA) Fibration on hands/arms Compatible platform Platform capacity Iumber of people Platform dimensions (length x width) Ip Platform weight* Idiscellaneous	140 I 21.60 I 78 dB 103 dB < 2.50 m/s² Q 1000 kg 3 / ep 5000 m x 1200 m 1150 kg	36 US gal 37 US gal 6 US gal 78 dB 103 dB < 2.50 m/s² 2205 lb 3 16404 ft 2 in x 3937 ft 2535 lb
Algoraulic oil Guel tank DEF tank capacity Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Noise to environ	140 I 21.60 I 78 dB 103 dB < 2.50 m/s² Q 1000 kg 3 / ep 5000 m x 1200 m 1150 kg	36 US gal 37 US gal 6 US gal 78 dB 103 dB < 2.50 m/s² 2205 lb 3 16404 ft 2 in x 3937 ft 2535 lb
Number of people	140 I 21.60 I 78 dB 103 dB < 2.50 m/s² Q 1000 kg 3 / ep 5000 m x 1200 m 1150 kg	36 US gal 37 US gal 6 US gal 78 dB 103 dB < 2.50 m/s² 2205 lb 3 16404 ft 2 in x 3937 ft 2535 lb

MT 1440 A - Dimensional drawing

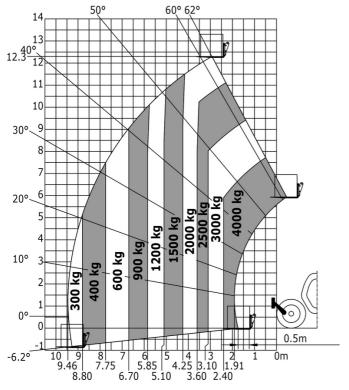




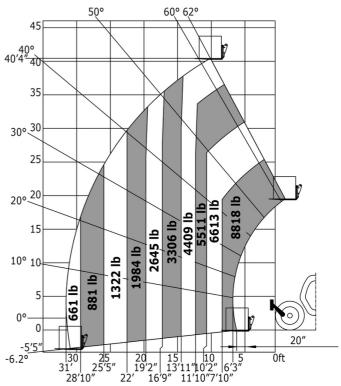


MT 1440 A - Load chart

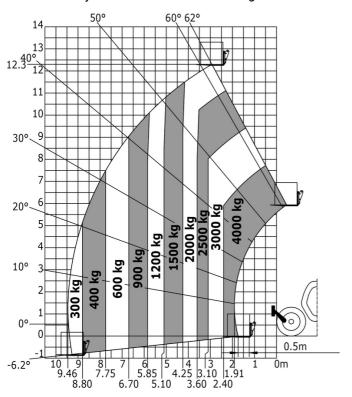
Machine on tyres with forks Metric



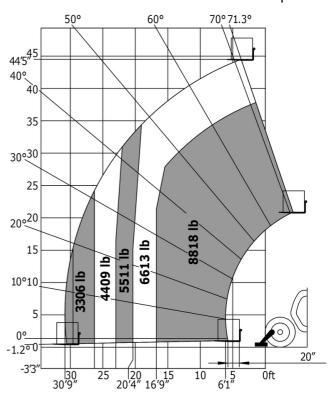
Machine on tyres with forks Imperial



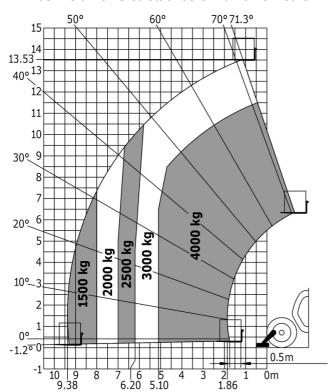
Machine on tyres with forks - with levelling device Metric



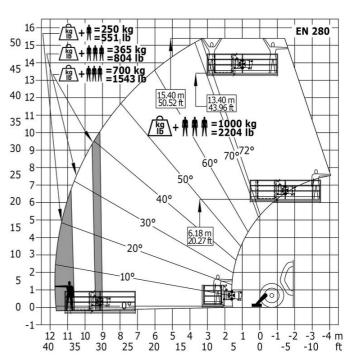
Machine on lowered stabilisers with forks Imperial



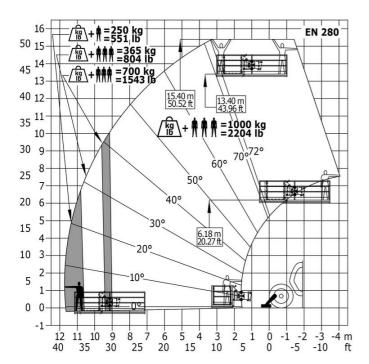
Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Imperial



Machine on stabilisers with Man basket Metric







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