Technical sheet:

MT-X 1440 A

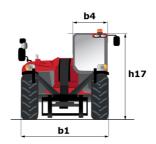




	MT-X 144	OA Created on July 3, 2025 at 7:44 PM U
Capacities	Metric	Imperial
Max. capacity	4000 kg	8818 lb
Max. lifting height	13.53 m	44 ft 5 in
Maximum outreach	9.46 m	31 ft
Breakout force with bucket	8800 daN	8800 daN
Weight and dimensions		
Overall length to carriage	l11 6.02 m	19 ft 9 in
Overall width	b1 2.42 m	7 ft 11 in
Overall height	h17 2.45 m	8 ft
Wheelbase	y 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
Overall weight	11755 kg	25915 lb
Unladen weight (with man basket)	11755 kg	25915 lb
Tires type	Pneumatic	Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
Forks length / width / section	/ e / s 1200 mm x 125 mm x 45 mm	47 in x 5 in x 2 in
Performances		
Lifting	15.70 s	15.70 s
Lowering	13.30 s	13.30 s
Extension	19.20 s	19.20 s
Retraction	14.80 s	14.80 s
Crowd	4 s	4 s
Dump	4 s	4 s
Engine	7.0	7.0
Engine brand	Perkins	Perkins
Engine norm	Stage IIIA	Stage IIIA
Max. fuel sulphur content	5000 ppm	5000 ppm
·	3000 ррні 1104D-44TA	1104D-44TA
Engine model		4 - 269 in ³
Number of cylinders / Capacity of cylinders	4 - 4400 cm³	
I.C. Engine power rating - Power	101 Hp / 74.50 kW	101 Hp / 74.50 kW
Max. torque / Engine rotation	400 Nm @ 1400 rpm	295 ft/lbs @ 1400 rpm
Drawbar pull (Laden)	8250 daN	8250 daN
Transmission	Towns complete	T
Transmission type	Torque converter	Torque converter
Number of gears (forward / reverse)	4 / 4	4 / 4
Max. travel speed	24.90 km/h	15 mph
Max. travel speed (may vary according to applicable regulations)	25 km/h	16 mph
Parking brake	Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake	Oil-immersed multi-discs braking on front & rear axles	Oil-immersed multi-discs braking on front & rear axles
Hydraulics	dales	dates
Hydraulic pump type	Gear pump	Gear pump
Hydraulic flow / Pressure	167 l/min-265 bar	44 US gpm-3843 PSI
Tank capacities	107 1/1111111 ² 203 Dd1	44 03 ypiii-3043 F3i
· ·	11.40 l	3 US gal
Engine oil Hydraulic oil	11.401	
	1351	36 US gal
Hydraulic tank capacity		46 US gal
Fuel tank	140 l	37 US gal
Noise and vibration	00.40	00.40
Noise at driving position (LpA)	82 dB	82 dB
Noise to environment (LwA)	105 dB	105 dB
/ibration on hands/arms	< 2.50 m/s ²	< 2.50 m/s ²
Compatible platform		
Platform capacity	Q 1000 kg	2205 lb
Number of people	3	3
	o / ep 5000 m x 1200 m	16404 ft 2 in x 3937 ft
Platform weight*	1150 kg	2535 lb
Miscellaneous		
Steering wheels (front / rear)	2 / 2	2/2
Drive wheels (front / rear)	2 / 2	2 / 2
Cab certification	Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2

MT-X 1440 A - Dimensional drawing

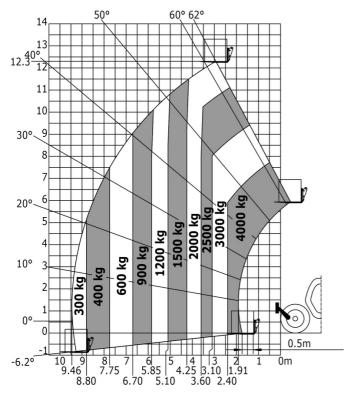




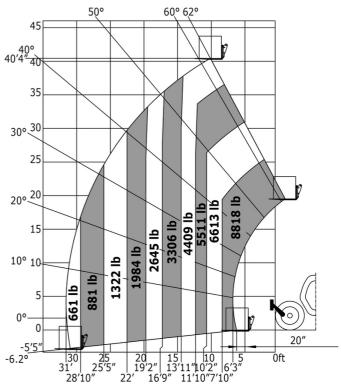


MT-X 1440 A - Load chart

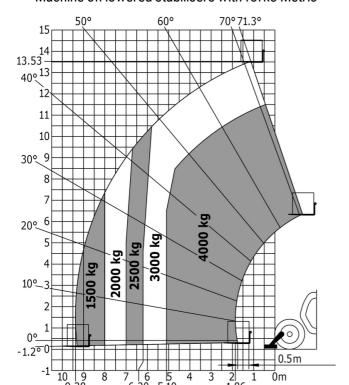
Machine on tires with forks - with levelling device Metric



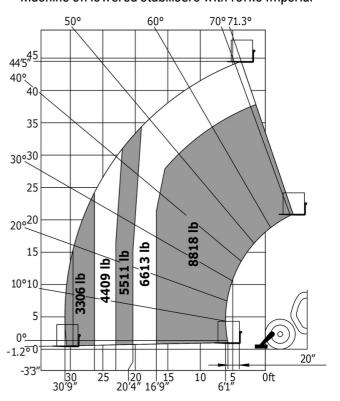
Machine on tires with forks Imperial



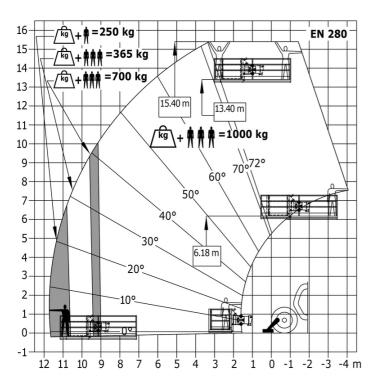
Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with forks Imperial



Machine on stabilisers with Man basket Metric







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