Technical sheet :

MT-X 1440 A

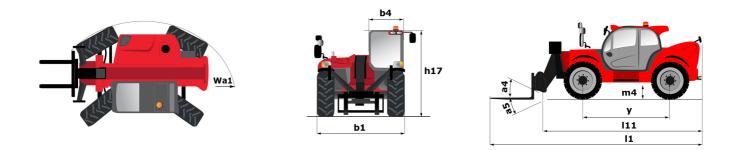




1T-X 1440 A	Created on 4	May	2024 at	7:56:52	AM LITC

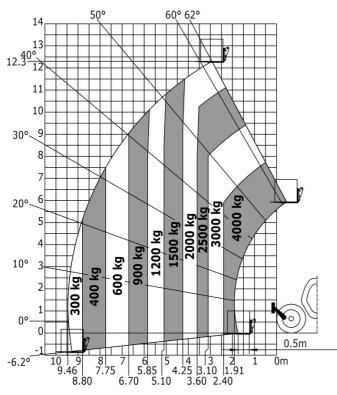
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Capacities	Metric	
Max. capacity	4000 kg	
Max. lifting height	13.53 m	
Max. outreach	9.46 m	
Breakout force with bucket	8800 daN	
Weight and dimensions		
Overall length to carriage	l11 6.02 m	
Overall width	b1 2.42 m	
Overall height	h17 2.45 m	
Wheelbase	y 3.07 m	
Ground clearance	m4 0.37 m	
Overall cab width	b4 0.89 m	
Tilt-up angle	a4 12 °	
Tilt-down angle		
External turning radius (over tyres)	Wa1 3.94 m	
Overall weight	11755 kg	
Unladen weight (with man basket)	11755 kg	
Tires type	Pneumatic	
Standard tires	Alliance 400/80 - 24 - 162A8	
Forks length / width / section	l / e / s 1200 mm x 125 mm / 45 mm	
Performances		
Lifting	15.70 s	
Lowering	13.30 s	
Extension	19.20 s	
Retraction	14.80 s	
Crowd	4 s	
Dump	4 s	
Engine		
Engine brand	Perkins	
Engine norm	Stage IIIA	
Max. fuel sulphur content	5000 ppm	
Engine model	1104D-44TA	
Number of cylinders / Capacity of cylinders	4 - 4400 cm³	
I.C. Engine power rating - Power	101 Hp / 74.50 kW	
Max. torque / Engine rotation	400 Nm @ 1400 rpm	
Drawbar pull (Laden)	8250 daN	
Transmission		
Transmission type	Torque converter	
Number of gears (forward / reverse)	4/4	
Max. travel speed	24.90 km/h	
Parking brake	Automatic Negative Hand-brake	
	Oil-immersed multi-discs braking on front & re-	ar
Service brake	axles	
Hydraulics		
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	167 l/min-265 bar	
Tank capacities		
Engine oil	11.40	
Hydraulic oil	135	
Fuel tank	140 I	
Noise and vibration		
Noise at driving position (LpA)	82 dB	
Noise to environment (LWA)	105 dB	
Vibration on hands/arms	< 2.50 m/s²	
Compatible platform		
Platform capacity	Q 1000 kg	
Number of people	3	
Platform dimensions (length x width)	lp / ep 5000 m x 1200 m	
Platform weight*	1150 kg	_
Miscellaneous		
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2/2	
Safety cab homologation	ROPS - FOPS level 2 cab	
Controls	JSM	

MT-X 1440 A - Dimensional drawing

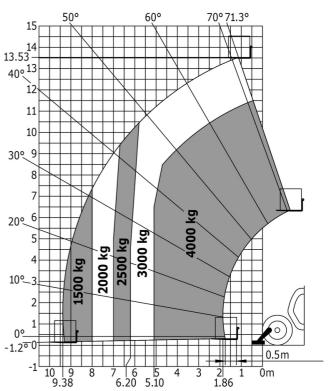


MT-X 1440 A - Load chart

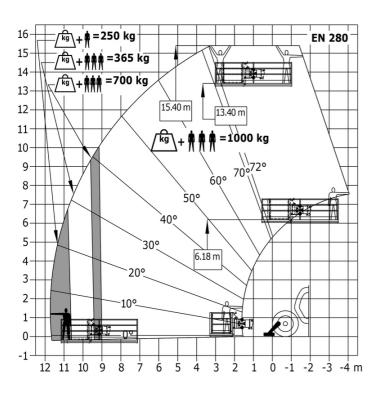
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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