Technical sheet:

# MT-X 1440 A





	MT-X 1440 A UR	MT-X 1440 A Created on May 8, 2024 at 8:30:58 AM UTC	
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	I11	6.02 m	
Overall width	b1	2.42 m	
Overall height	h17	2.45 m	
Wheelbase	у	3.07 m	
Ground clearance	m4	0.37 m	
Overall cab width	b4	0.89 m	
Tilt-up angle	a4	12 °	
Tilt-down angle	a5	114 °	
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	I / e / s	1200 mm x 125 mm / 45 mm	
Performances	1/6/3	1200 mm x 120 mm / 40 mm	
Lifting		15.70 s	
Lowering		13.30 s	
Extension		19.20 s	
Retraction		14.80 s	
Crowd		4 s	
Dump		4 s	
		4.5	
Engine Proof		Perkins	
Engine brand			
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	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Hydraulics		unics	
Hydraulic pump type		Gear pump	
Hydraulic flow / Pressure		167 l/min-265 bar	
Tank capacities		107 I/IIIII 203 bai	
Engine oil		11.40 l	
Hydraulic oil		1351	
Fuel tank		140	
Noise and vibration		1401	
Noise at driving position (LpA)		82 dB	
		105 dB	
Noise to environment (LwA)			
Vibration on hands/arms		< 2.50 m/s²	
Compatible platform		1000 !	
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

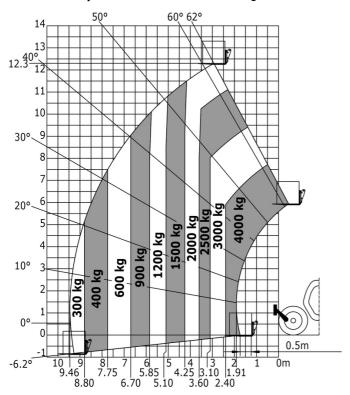




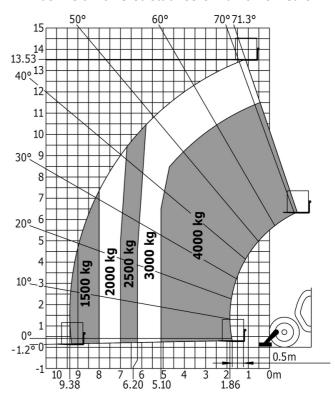


### MT-X 1440 A - Load chart

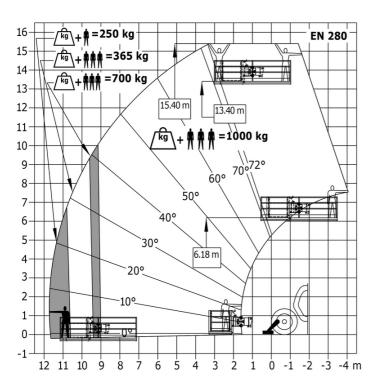
Machine on tyres with forks - with levelling device Metric



### Machine on lowered stabilisers with forks Metric



# Machine on stabilisers with Man basket Metric







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