Technical sheet :

MT-X 1440 A

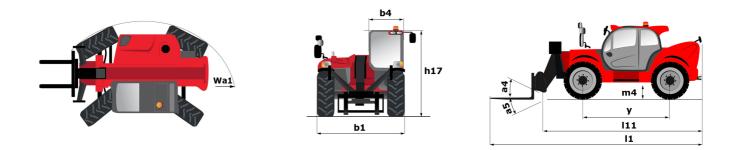




ит-х 1440 А	Created on	2 May	2024 at	11.01.44	AM LITC
71-X 144U A	Greated Off		2024 a	11.01.44	

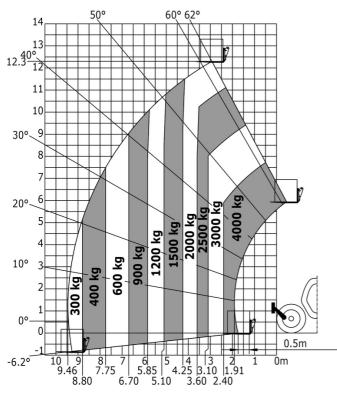
	мт-х 1440 а С	reated on 2 May 2024 at 11:01:44 AM UT
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Max. outreach		9.46 m
Breakout force with bucket		8800 daN
Weight and dimensions		
Overall length to carriage	11	6.02 m
Overall width	b1	2.42 m
Overall height	h17	2.45 m
Wheelbase	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	l / e / s	1200 mm x 125 mm / 45 mm
Performances	1/ 6/ 3	
Lifting		15.70 s
Lowering		13.70 s
Extension		19.20 s
Retraction		14.80 s
Crowd		4 s
Dump		4 S 4 S
Engine		4 5
Engine brand		Perkins
Engine form		
-		Stage IIIA
Max. fuel sulphur content		5000 ppm
Engine model		1104D-44TA 4 - 4400 cm ³
Number of cylinders / Capacity of cylinders		
I.C. Engine power rating - Power		101 Hp / 74.50 kW
Max. torque / Engine rotation		400 Nm @ 1400 pm
Drawbar pull (Laden) Transmission		8250 daN
		Torque converter
Transmission type		Torque converter 4 / 4
Number of gears (forward / reverse)		474 24.90 km/h
Max. travel speed		Automatic Negative Hand-brake
Parking brake		Oil-immersed multi-discs braking on front & rear
Service brake		axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 I/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/s ²
Compatible platform		2.00 m/c
Platform capacity	Q	1000 kg
Number of people	Y	3
Platform dimensions (length x width)	lp / ep	5 5000 m x 1200 m
Platform weight*	ih / ch	1150 kg
Platform weight^ Miscellaneous		поску
		2/2
Steering wheels (front / rear)		2/2
Drive wheels (front / rear)		272 ROPS - FOPS level 2 cab
Safety cab homologation		
Controls		JSM

MT-X 1440 A - Dimensional drawing

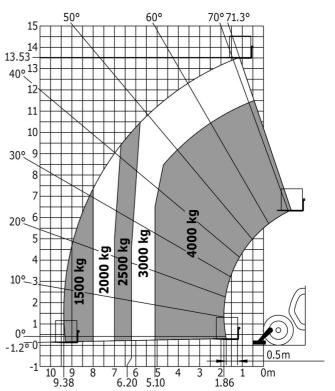


MT-X 1440 A - Load chart

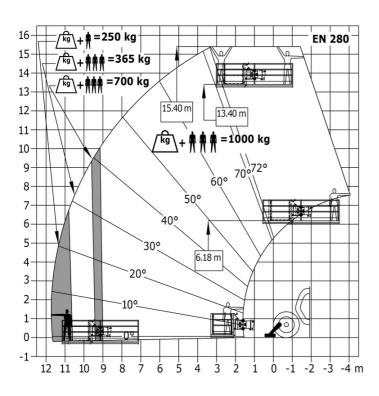
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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