Technical sheet :

## **MT-X 1840**



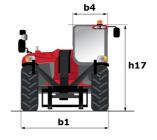


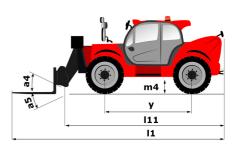
AT-X 1840	Created or	19 May	/ 2024 at	10.08.02	PM	ITC
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	<b>мт-х 1840</b> Cr	eated on 19 May 2024 at 10:08:07 PM UTC
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		17.55 m
Max. outreach		13.08 m
Breakout force with bucket		7500 daN
Weight and dimensions		
Overall length to carriage	11	6.16 m
Length to face of forks	12	6.27 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
Tiltup angle	a4	12 °
Tilt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	3.94 m
Unladen weight (with forks)	wai	11630 kg
Overall weight		11600 kg
Tires type		Pneumatic
Standard tires	1	Alliance 400/80 - 24 -162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 50 mm
Performances		
Lifting		17.30 s
Lowering		12.70 s
Extension		16.10 s
Retraction		15.60 s
Crowd		5 s
Dump		4 s
Engine		
Engine brand		Perkins
Engine norm		Stage IIIA
Engine model		1104D-44TA
Number of cylinders / Capacity of cylinders		4 - 4400 cm <sup>3</sup>
I.C. Engine power rating - Power		101 Hp / 74.50 kW
Max. torque / Engine rotation		400 Nm @ 1400 rpm
Drawbar pull (Laden)		10000 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		dxics
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-270 bar
Tank capacities		
Engine oil		11.40
Hydraulic oil		1351
Fuel tank		
		140
Noise and vibration	_	140 l
Noise and vibration Noise at driving position (LpA)		140 l 82 dB
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA)	_	140 I 82 dB 105 dB
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms		140 I 82 dB
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous		140 l 82 dB 105 dB < 2.50 m/s²
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear)		140   82 dB 105 dB < 2.50 m/s <sup>2</sup> 2 / 2
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous		140 l 82 dB 105 dB < 2.50 m/s²

## MT-X 1840 - Dimensional drawing



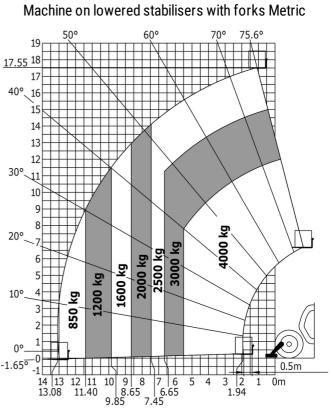




## MT-X 1840 - Load chart

Machine on tyres with forks - with levelling device Metric

50° 60° 14 40° 0° 13 <u>12.50</u> 12 11 10 30° 9 8 4000 kg 7 1600 kg 2000 kg 2500 kg 3000 kg 20° 6 5 120Ó kg 4 900 kg 600 kg 10° .3 400 kg 2 1 0° 0 0.5m -4.64°. -1 10 9 9.60 8.65 8 7 6 5 4 3 2 7.20 5.40 3.90 2.65 6.40 4.70 3.40 2.05 1 0 m





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