Technical sheet :

MT-X 1840



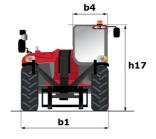


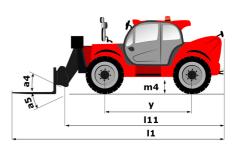
мт-х 1840 Created on May 1,	2024 at	2:30:06	PM UTC
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	MT-X 1840	мт-х 1840 Created on May 1, 2024 at 2:30:06 PM UT		
Capacities		Metric		
Max. capacity		4000 kg		
Max. lifting height		17.55 m		
Max. outreach		13.08 m		
Breakout force with bucket		7500 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		
Tilt-up angle	a4	12 °		
Tilt-down angle	a5	114 °		
External turning radius (over tyres)	Wa1	3.94 m		
Unladen weight (with forks)		11630 kg		
Overall weight		11600 kg		
Tires type		Pneumatic		
Standard tires		Alliance 400/80 - 24 -162A8		
Forks length / width / section	l / e / s	1200 mm x 125 mm / 50 mm		
Performances	17673			
Lifting		17.30 s		
Lowering		12.70 s		
Extension		16.10 s		
Retraction		15.60 s		
		5 s		
Crowd				
Dump		4 s		
Engine Frank		Perkins		
Engine brand				
Engine norm		Stage IIIA		
Engine model		1104D-44TA		
Number of cylinders / Capacity of cylinders		4 - 4400 cm ³		
I.C. Engine power rating - Power		101 Hp / 74.50 kW		
Max. torque / Engine rotation	400 Nm @ 1400 rpm 10000 daN			
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				
Hydraulic pump type		Gear pump		
Hydraulic flow / Pressure		167 I/min-270 bar		
Tank capacities				
Engine oil		11.40		
Hydraulic oil		135		
Fuel tank		140		
Noise and vibration				
		82 dB		
Noise at driving position (LnA)		105 dB		
Noise at driving position (LpA)				
Noise to environment (LwA)		< 2 E0 m/o2		
Noise to environment (LwA) Vibration on hands/arms		< 2.50 m/s²		
Noise to environment (LwA) Vibration on hands/arms Miscellaneous				
Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear)	-	2/2		
Noise to environment (LwA) Vibration on hands/arms Miscellaneous				

MT-X 1840 - Dimensional drawing



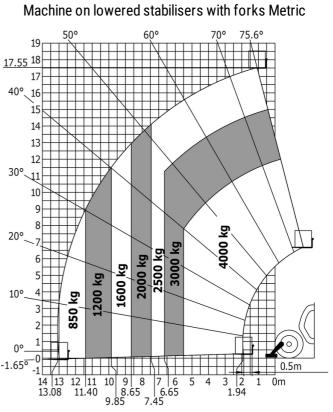




MT-X 1840 - Load chart

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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