Technical sheet:

MT-X 735

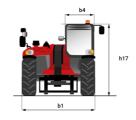


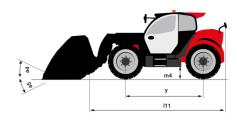


	MT-X 735 Created on November 1, 2025 at 2:0	D PM UTC
Capacities	Metric	
Max. capacity	3500 kg	
Max. lifting height	6.90 m	
Maximum outreach	4 m	
Breakout force with bucket	6980 daN	
Weight and dimensions		
Overall length to carriage	l11 4.70 m	
Overall length (with forks)	I1 5.98 m	
Overall width	b1 2.26 m	
Overall height	h17 2.48 m	
Wheelbase	y 2.80 m	
Ground clearance	m4 0.36 m	
Overall cab width	b4 0.95 m	
Tilt-up angle	a4 13 °	
Tilt-down angle	a5 114°	
External turning radius (over tyres)	Wa1 3.77 m	
Unladen weight (with forks)	6970 kg	
Unladen weight	6660 kg	
Tires type	Pneumatic	
Standard tires	Apollo 400/80 - 24 - 162A8	
Forks length / width / section	I / e / s 1200 mm x 100 mm x 50 mm	ı
Performances	7,7,7	
Lifting	6.60 s	
Lowering	5 s	
Extension	5.90 s	
Retraction	4.60 s	
Crowd	3.10 s	
Dump	3.10 s	
Engine	5.110 0	
Engine brand	Perkins	
Engine norm	Stage IIIA	
Engine model	1104D-44T NL85156	
Number of cylinders / Capacity of cylinders	4 - 4400 cm ³	
Engine power (Hp/kW)	95 Hp / 70 kW	
Max. torque / Engine rotation	392 Nm @ 1400 rpm	
Drawbar pull	5650 daN	
Drawbar pull (Laden)	8050 daN	
Electric circuit	0000 dail	
12V Battery capacity	110 Ah	
Transmission	TIVAII	
Transmission type	Torque converter	
Number of gears (forward / reverse)	4 / 4	
Max. travel speed	25 km/h	
Max. travel speed (may vary according to applicable regulations)	24.50 km/h	
Parking brake	Automatic parking brake	
Service brake	Hydraulic servo brake	
Hydraulics	Tryaladic Selvo blake	
Hydraulic pump type	Axial piston	
Hydraulic Pressure	260 bar	
Tank capacities	ZVU Ddi	
Engine oil	11.40 l	
Hydraulic oil	129	
Fuel	103	
Noise and vibration	1031	
Noise at driving position (LpA)	82 dB	
	105 dB	
Noise to environment (LwA) Vibration on hands/arms		
	< 2.50 m/s²	
Miscellaneous Charing wheele (front / rear)	0/0	
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2 / 2	DC lavel 0
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOR	rs level Z
Controls	JSM	

MT-X 735 - Dimensional drawing

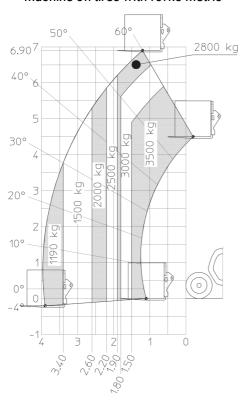






MT-X 735 - Load chart

Machine on tires with forks 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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