Technical sheet:

MT-X 735

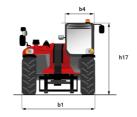


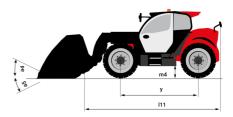


	MT-X 735 Created on 0	Created on October 22, 2025 at 10:12 PM UTC	
Capacities		Metric	
Max. capacity		3500 kg	
Max. lifting height		6.90 m	
Maximum outreach		4 m	
Breakout force with bucket		6980 daN	
Weight and dimensions			
Overall length to carriage	l11	4.70 m	
Overall length (with forks)	l1	5.98 m	
Overall width	b1	2.26 m	
Overall height	h17	2.48 m	
Wheelbase	у	2.80 m	
Ground clearance	, m4	0.36 m	
Overall cab width	b4	0.95 m	
Tilt-up angle	a4	13 °	
	a5	114 °	
Tilt-down angle			
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	
Performances			
Lifting		6.60 s	
Lowering		5 s	
Extension		5.90 s	
Retraction		4.60 s	
Crowd		3.10 s	
Dump		3.10 s	
Engine			
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			
12V Battery capacity		110 Ah	
Transmission		1107111	
Transmission type		Torque converter	
Number of gears (forward / reverse)		4 / 4	
Max. travel speed		25 km/h	
•		24.50 km/h	
Max. travel speed (may vary according to applicable regulations)			
Parking brake		Automatic parking brake Hydraulic servo brake	
Service brake		Hydraulic servo brake	
Hydraulics			
Hydraulic pump type		Axial piston	
Hydraulic Pressure		260 bar	
Tank capacities			
Engine oil		11.40 l	
Hydraulic oil		129 I	
Fuel tank		103 l	
Noise and vibration			
Noise at driving position (LpA)		82 dB	
Noise to environment (LwA)		105 dB	
Vibration on hands/arms		< 2.50 m/s²	
Miscellaneous			
Steering wheels (front / rear)		2 / 2	
Drive wheels (front / rear)		2 / 2	
Safety / Cab certification	Standard	EN 15000 / Cabin ROPS - FOPS level 2	
Safety / Gab certification	Ottanaara	211 100007 0001111010 10101012	

MT-X 735 - Dimensional drawing

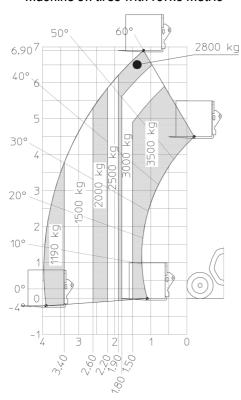






MT-X 735 - Load chart

Machine on tires with forks Metric







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