Technical sheet:

MT-X 735

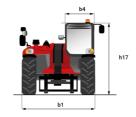


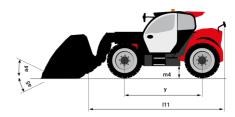


	MT-X 735 Created on November 7, 2025 at 9:16 AM
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	6.90 m
Maximum outreach	4 m
Breakout force with bucket	6980 daN
Weight and dimensions	
Overall length to carriage	I11 4.70 m
Overall length (with forks)	11 5.98 m
Overall width	b1 2.26 m
Overall height	h17 2.48 m
Wheelbase	
Ground clearance	y 2.80 m 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
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 cm³
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	110 All
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	
Hydraulic pump type	Axial piston
Hydraulic Pressure	260 bar
Tank capacities	
Engine oil	11.40
Hydraulic oil	129
Fuel	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/s ²
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS level
Controls	JSM

MT-X 735 - Dimensional drawing

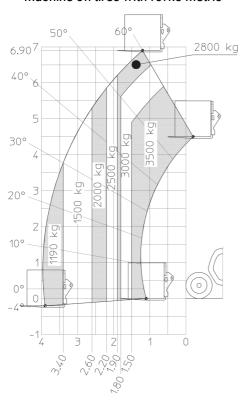






MT-X 735 - Load chart

Machine on tires with forks Metric







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