Technical sheet:

MT-X 735

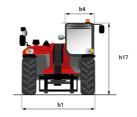


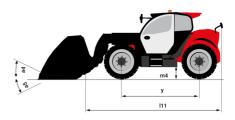


	MT-X 735 Created on September 16, 2025 at 4:25 PM C
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	6.90 m
Maximum outreach	4 m
Breakout force with bucket	6980 daN
Weight and dimensions	
Overall length to carriage	l11 4.70 m
Overall length (with forks)	l1 5.98 m
Overall width	b1 2.26 m
Overall height	h17 2.48 m
Wheelbase	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
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
I.C. Engine power rating - Power	95 Hp / 70 kW
Max. torque / Engine rotation	392 Nm @ 1400 rpm
Drawbar pull	5650 daN
Drawbar pull (Laden)	8050 daN
Electric circuit	0000 0014
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	Trydiadilo Servo blake
Hydraulic pump type	Axial piston
Hydraulic pump type Hydraulic Pressure	Axiai piston 260 bar
Tank capacities	200 Dail
Engine oil	11.40
Hydraulic oil	129
Fuel tank	103
Noise and vibration	1001
Noise at driving position (LpA)	82 dB
Noise to environment (LwA)	105 dB
Vibration on hands/arms	105 dB < 2.50 m/s²
Miscellaneous	< 2.50 III/8°
	0.10
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS level 2

MT-X 735 - Dimensional drawing

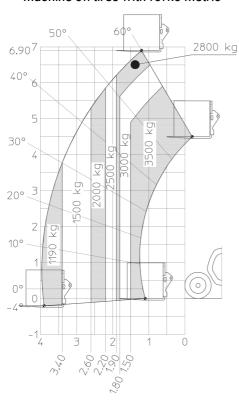






MT-X 735 - Load chart

Machine on tires with forks Metric







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