Technical sheet:

# MT-X 735

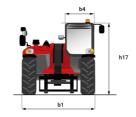


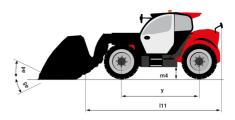


	MT-X 735 Created	on August 1, 2025 at 6:10 PM UTC
Capacities		Metric
Max. capacity		3500 kg
Max. lifting height		6.90 m
Maximum outreach		4 m
Breakout force with bucket		6980 daN
Weight and dimensions		
Overall length to carriage	l11	4.70 m
Overall length (with forks)	l1	5.98 m
Overall width	b1	2.26 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 °
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	l/e/s	1200 mm x 100 mm x 50 mm
Performances	1,70,70	.200 x .00 x 00
Lifting		6.60 s
Lowering		5 s
Extension		5.90 s
Retraction		4.60 s
Crowd		3.10 s
Dump		3.10 s
Engine		30
Engine brand		Perkins
Engine norm		Stage IIIA
Engine model		1104D-44T NL85156
Number of cylinders / Capacity of cylinders		4 - 4400 cm³
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 4411
12V Battery capacity		110 Ah
Transmission		1107/11
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		Trydiadile Servo blake
Hydraulic pump type		Axial piston
Hydraulic Pressure		260 bar
Tank capacities		200 bai
Engine oil		11.40
Hydraulic oil		129
Fuel tank		103 l
Noise and vibration		1031
Noise at driving position (LpA)		82 dB
Noise to environment (LwA)		105 dB
Vibration on hands/arms		
		< 2.50 m/s <sup>2</sup>
Miscellaneous Charing whools (front (nos))		2/2
Steering wheels (front / rear)		2/2
Drive wheels (front / rear)		2 / 2
Safety / Cab certification	Stand	ard EN 15000 / Cabin ROPS - FOPS level 2
Controls		JSM

## MT-X 735 - Dimensional drawing

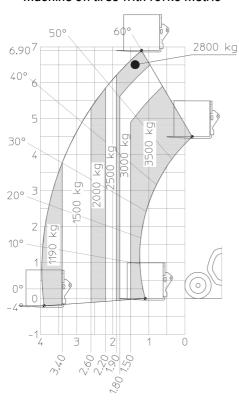






### MT-X 735 - Load chart

#### Machine on tires with forks Metric







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