Technical sheet:

# MT-X 735

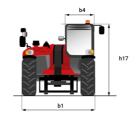


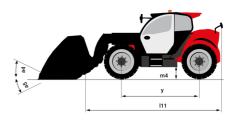


	MT-X 735 Created on Augu	St 1, 2025 at 6:11 PM 010
Capacities		Metric
Max. capacity		3500 kg
Max. lifting height		6.90 m
Maximum outreach		4 m
Breakout force with bucket		6980 daN
Weight and dimensions		
Overall length to carriage	l11	4.70 m
Overall length (with forks)	I1	5.98 m
Overall width	b1	2.26 m
Overall height	h17	2.48 m
Wheelbase	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		m 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		0.100
Engine brand		Perkins
Engine norm		Stage IIIA
Engine model	110	4D-44T NL85156
Number of cylinders / Capacity of cylinders		4 - 4400 cm <sup>3</sup>
I.C. Engine power rating - Power		95 Hp / 70 kW
Max. torque / Engine rotation		Nm @ 1400 rpm
Drawbar pull	372	5650 daN
Drawbar pull (Laden)		8050 daN
Electric circuit		0000 daiv
12V Battery capacity		110 Ah
Transmission		110741
Transmission type	Т	orque 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	Autor	natic parking brake
Service brake		raulic servo brake
Hydraulics	Hyu	aa oci vo blake
Hydraulic pump type		Axial piston
Hydraulic Pressure		260 bar
Tank capacities		200 Dai
Engine oil		11.40 l
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		
		< 2.50 m/s <sup>2</sup>
Miscellaneous  Charing whools (front / mar)		2/2
Steering wheels (front / rear)		2/2
Drive wheels (front / rear)	04	2 / 2
Safety / Cab certification	Standard EN 150	00 / Cabin ROPS - FOPS level 2
Controls		JSM

## MT-X 735 - Dimensional drawing

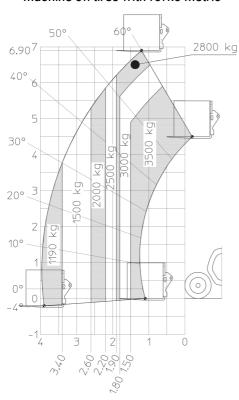






### MT-X 735 - Load chart

#### Machine on tires with forks Metric







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