Technical sheet:

# MT-X 735

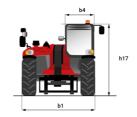


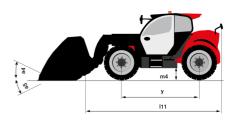


	MT-x 735 Created on September 16, 2025 at	4:23 PM UTC
Capacities	Metric	
Max. capacity	3500 kg	
Max. lifting height	6.90 m	
Maximum outreach	4 m	
Breakout force with bucket	6980 daN	
Weight and dimensions		
Overall length to carriage	I11 4.70 m	
Overall length (with forks)	l1 5.98 m	
Overall width	b1 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 - 162	2A8
Forks length / width / section	I / e / s 1200 mm x 100 mm x 50	
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	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 dain	
12V Battery capacity	110 Ah	
Transmission	TIOTAII	
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 brai	kα
Service brake	Hydraulic servo brake	
Hydraulics	Trydiadic Serio blake	
Hydraulic pump type	Axial piston	
Hydraulic Pressure	260 bar	
Tank capacities	200 bai	
Engine oil	11.40	
Hydraulic oil	129	
Fuel tank	103 I	
Noise and vibration	1031	
Noise at driving position (LpA)	82 dB	
	105 dB	
Noise to environment (LwA)  Vibration on hands/arms		
	< 2.50 m/s²	
Miscellaneous  Clearing who le (front (nex))		
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2 / 2	F0.D0.11.0
Safety / Cab certification	Standard EN 15000 / Cabin ROPS	FUPS level 2
Controls	JSM	

## MT-X 735 - Dimensional drawing

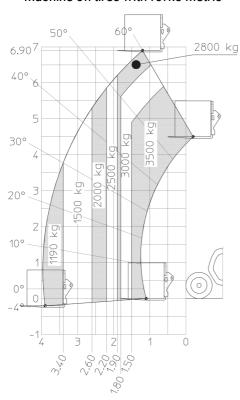






### MT-X 735 - Load chart

#### Machine on tires with forks Metric







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