

Technical sheet :

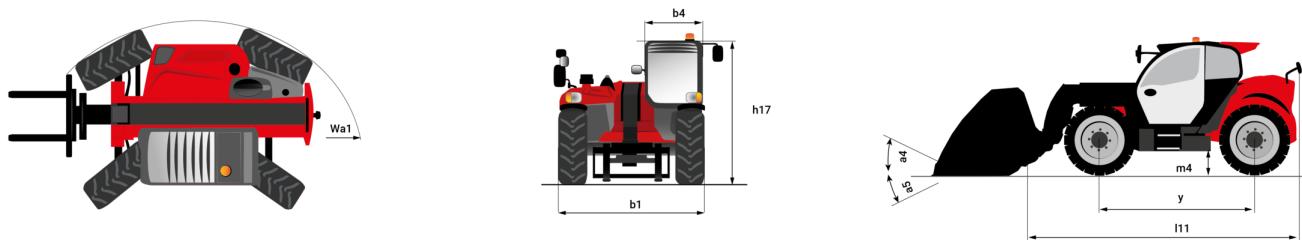
MT-X 735



 **MANITOU**
HANDLING YOUR WORLD

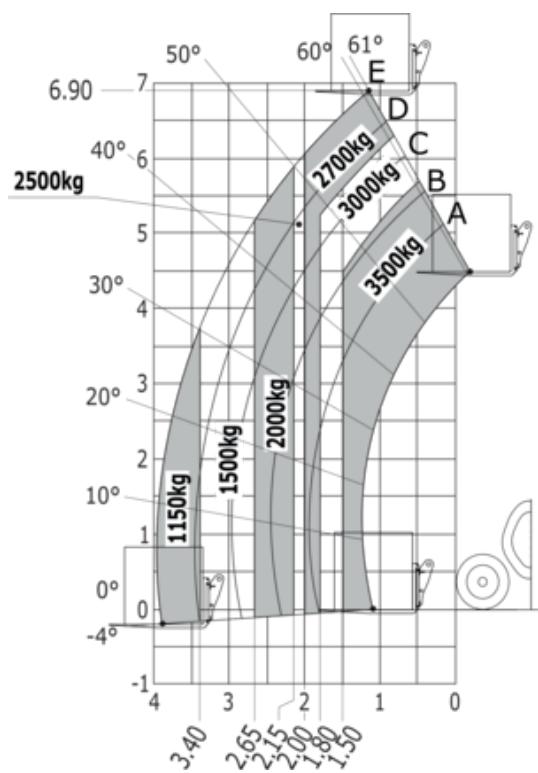
Capacities		Metric	
Max. capacity		3500 kg	
Max. lifting height		6.90 m	
Maximum outreach		4 m	
Breakout force with bucket		6980 daN	
Weight and dimensions			
Overall length to carriage	I11	4.70 m	
Overall length (with forks)	I1	5.98 m	
Overall width	b1	2.26 m	
Overall height	h17	2.48 m	
Wheelbase	y	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 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			
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 l	
Hydraulic oil		129 l	
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/s²	
Miscellaneous			
Steering wheels (front / rear)		2 / 2	
Drive wheels (front / rear)		2 / 2	
Safety / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS level 2	
Controls		JSM	

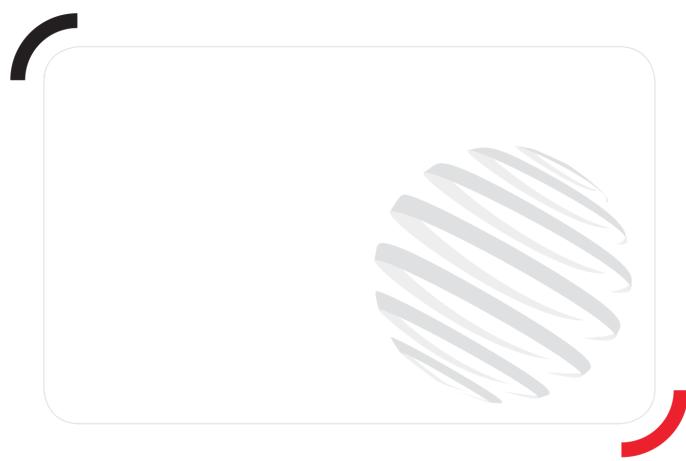
MT-X 735 - Dimensional drawing



MT-X 735 - Load chart

Machine on tires with forks - with levelling device Metric





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