Technical sheet :

MLT-X 737-130 PS+

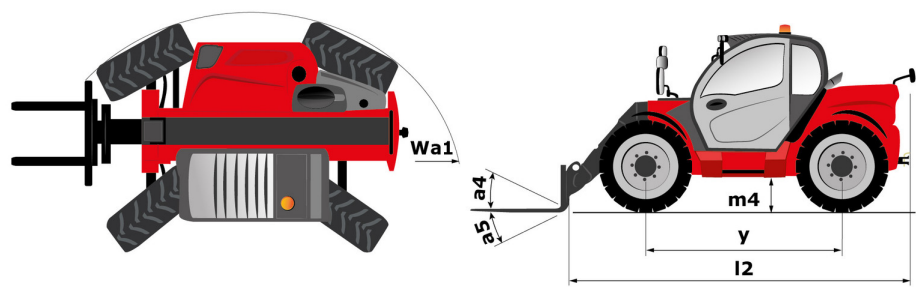**MANITOU**
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Capacities		Metric
Max. capacity	Q	3700 kg
Max. lifting height	h3	6.90 m
Max. outreach		3.90 m
Reach at max. height		1 m
Breakout force with bucket		5520 daN

Weight and dimensions		
Unladen weight (with forks)		7540 kg
Ground clearance	m4	0.41 m
Wheelbase	y	2.81 m
Overall length to carriage (with hitch)	l11	4.97 m
Front overhang		1.21 m
Overall width	b1	2.39 m
Overall cab width	b4	0.95 m
Overall height	h17	2.38 m
Tilt-down angle	a5	134 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	3.92 m
Standard tires		Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2

Performances		
Lifting		7.60 s
Lowering		5.40 s
Extension		7.80 s
Retraction		5.90 s
Crowd		3.80 s
Dump		3 s

Engine		
Engine brand		Deutz
Engine norm		Stage IIIA
Max. fuel sulphur content		2000 ppm
Engine model		TCD 3,6 l
Number of cylinders - Capacity of cylinders		4 - 3621 cm³
I.C. Engine power rating / Power		129 Hp / 95 kW
Max. torque / Engine rotation		500 Nm @1600 rpm
Drawbar pull (Laden)		7950 daN
Reversible fan		Standard
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)

Transmission		
Transmission type		Torque converter
Gearbox		Powershift Plus (M-Shift)
Number of gears (forward / reverse)		6 / 3
Max. travel speed (may vary according to applicable regulations)		40 km/h
Differential lock		Limited slip differential on front axle
Parking brake		Manual
Service brake		Oil-immersed multi-discs on front & rear axles

Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		150 l/min - 270 bar
Flow sharing distributor		Standard

Tank capacities		
Hydraulic oil		135 l
Fuel tank		120 l

Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		75 dB
Noise to environment (LwA)		106 dB
Vibration to whole hand/arm		< 2.50 m/s²

Miscellaneous		
Tractor homologation		Tractor homologation
Safety cab homologation		ROPS - FOPS level 2 cab
Controls		JSM

Optional tires tab

Optional tires	Overall height	Overall width
ALLIANCE - A580 - 460/70 R24 159A8	2.38 m	2.39 m
FIRESTONE - R8000 UT - 460/70 R24 159A8	2.39 m	2.42 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.41 m
VREDESTEIN - ENDURION - 500/70 R24 164A8	2.41 m	2.44 m

MLT-X 737-130 PS+ - Dimensional drawing

MLT-X 737-130 PS+ - Load chart

Machine on tyres with forks Metric

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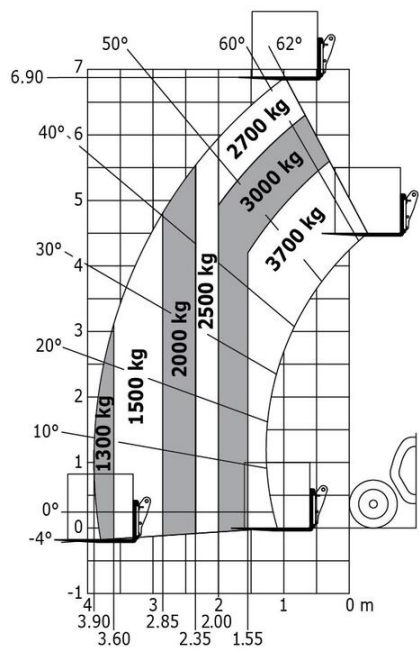
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