

Technical sheet :

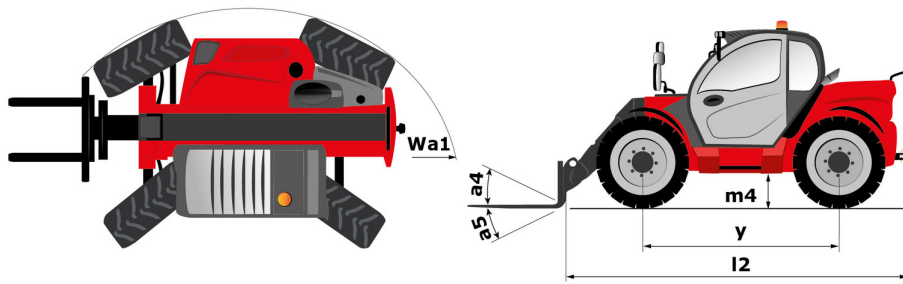
MLT-X 741-140 V+



 **MANITOU**
HANDLING YOUR WORLD

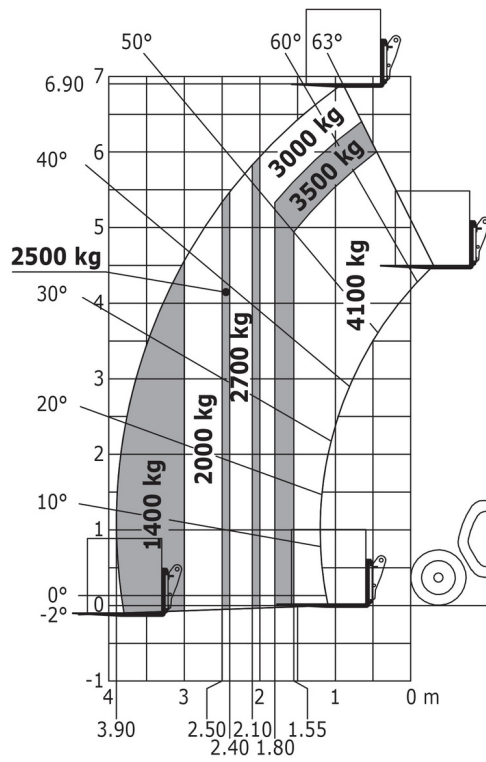
Capacities		Metric
Max. capacity	Q	4100 kg
Max. lifting height	h3	6.90 m
Max. outreach		3.90 m
Reach at max. height		1 m
Breakout force with bucket		5761 daN
Weight and dimensions		
Unladen weight (with forks)		7710 kg
Ground clearance	m4	0.42 m
Wheelbase	y	2.81 m
Overall length to carriage (with hitch)	l11	4.97 m
Overall length to carriage (without hitch)	l3	4.82 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	3.93 m
Standard tires		Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		7.50 s
Lowering		7.60 s
Extension		6.60 s
Retraction		5.90 s
Crowd		3.40 s
Dump		3 s
Engine		
Engine brand		Deutz
Engine nom		Stage IIIA
Max. fuel sulphur content		2000 ppm
Engine model		TCD 3.6 l
Number of cylinders - Capacity of cylinders		4 - 3621 cm ³
I.C. Engine power rating / Power (kW)		136 Hp / 100 kW
Max. torque / Engine rotation		500 Nm @1600 rpm
Drawbar pull (Laden)		6450 daN
Reversible fan		Standard
Engine cooling system		4 radiators (water + air + hydraulic oil + transmission oil)
Transmission		
Transmission type		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h
Differential lock		Limited slip differential on front axle
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		170 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 nom		73 dB
Environmental noise (LWA)		106 dB
Vibration to whole hand/arm		< 2.50 m/s ²
Miscellaneous		
Tractor homologation		
Safety cab homologation		ROPS/FOPS
Controls		JSM

MLT-X 741-140 V+ - Dimensional drawing



MLT-X 741-140 V+ - Load chart

Rough terrain load chart (EN 1459 B) Metric





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