Technical sheet :

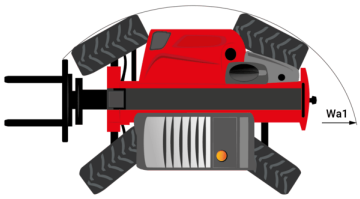
MLT 850-145 V+

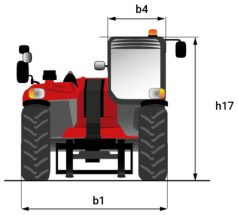


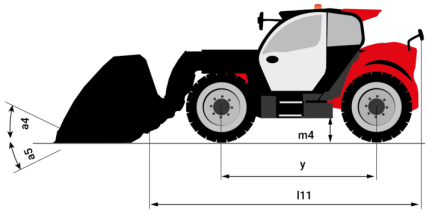
MANITOU
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity	Q	4999 kg
Max. lifting height	h3	7.60 m
Max. outreach		4.55 m
Reach at max. height		0.90 m
Breakout force with bucket		8670 daN
Weight and dimensions		
Unladen weight (with forks)		10780 kg
Ground clearance	m4	0.45 m
Wheelbase	y	2.94 m
Overall length to carriage (with hitch)	l11	5.57 m
Overall length to carriage (without hitch)	l3	5.54 m
Front overhang		1.55 m
Overall width	b1	2.49 m
Overall cab width	b4	0.99 m
Overall height	h17	2.58 m
Tilt-down angle	a5	132 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	4.04 m
Standard tyres		Alliance - A580 - 500/70 R24 164A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		6.60 s
Lowering		4.90 s
Extension		6.30 s
Retraction		5.70 s
Crowd		4.20 s
Dump		3.10 s
Engine		
Engine brand		Yanmar
Engine norm		Stage V / Tier 4 Final
Max. fuel sulphur content		1000 ppm
Engine model		4TN107FHT-5SMUF
Number of cylinders - Capacity of cylinders		4 - 4567 cm³
I.C. Engine power rating / Power (kW)		141 Hp / 105 kW
Max. torque / Engine rotation		602 Nm @1500 rpm
Drawbar pull (Laden)		9160 daN
Reversible fan		Standard
Engine cooling system		3 radiators water + air + oil transmission
Transmission		
Transmission type		Continuously variable transmission
Gearbox		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h
Differential lock		Limited slip differential on front and rear axles
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		200 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic oil		141 l
Fuel tank		142 l
Diesel Exhaust fluid (AdBlue® type)		21.50 l
Consumption calculated according to EN 16796-4 standard		6.47 l/h
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		69 dB
Environmental noise (LwA)		105 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Safety cab homologation		Cabin ROPS - FOPS Level 2
Controls		JSM

MLT 850-145 V+ - Dimensional drawing

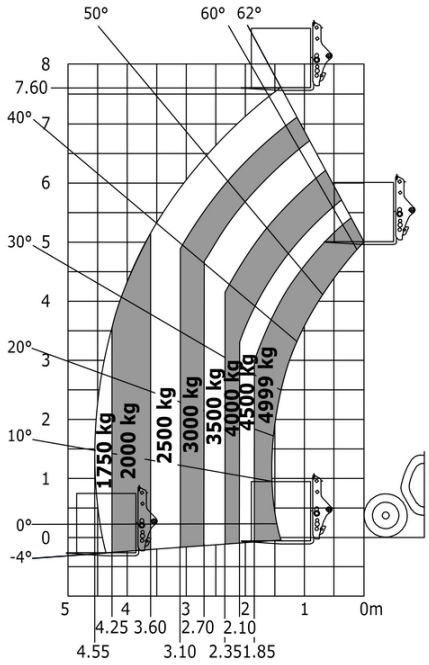






MLT 850-145 V+ - Load chart

Machine on tyres with forks Metric



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