

Technical sheet :

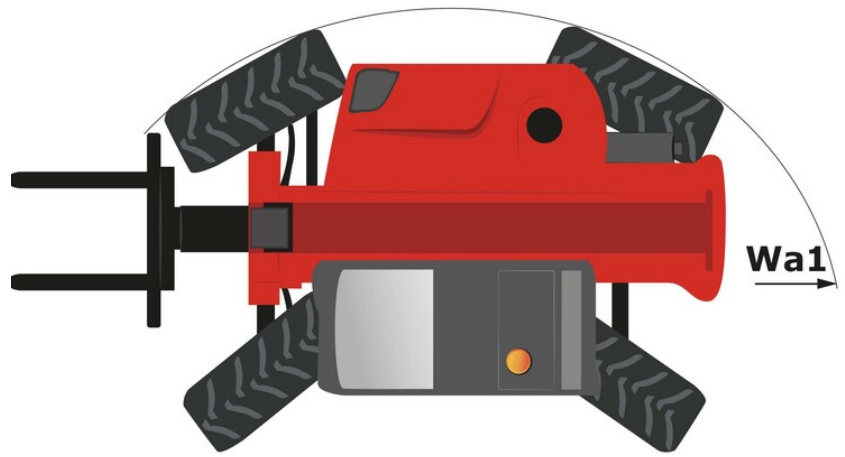
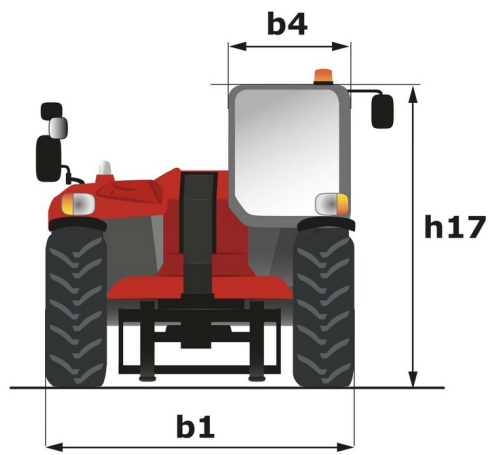
MLT-X 845-120 H



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity	Q	9921 lb
Max. lifting height	h3	24 ft 9 in
Max. outreach		15 ft
Reach at max. height		5 ft 1 in
Breakout force with bucket		6650 daN
Weight and dimensions		
Unladen weight (with forks)		19555 lb
Ground clearance	m4	1 ft 6 in
Wheelbase	y	9 ft 1 in
Overall length to carriage (with hitch)	l11	17 ft 2 in
Front overhang		4 ft 7 in
Overall width	b1	7 ft 11 in
Overall cab width	b4	3 ft 1 in
Overall height	h17	8 ft 6 in
Tilt-down angle	a5	130 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	13 ft 9 in
Standard tires		Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		10 s
Lowering		6.50 s
Extension		11 s
Retraction		10 s
Crowd		4 s
Dump		3 s
Engine		
Engine brand		Mercedes
Engine norm		Stage IIIA
Engine model		TCD 3,6 l
Number of cylinders - Capacity of cylinders		4 - 220 in³
I.C. Engine power rating / Power		121 Hp / 90 kW
Max. torque / Engine rotation		354 ft/lbs @1600 rpm
Drawbar pull (Laden)		10200 daN
Reversible fan		Standard
Engine cooling system		3 radiators water + intercooler + hydraulic oil
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		4 / 4
Max. travel speed (may vary according to applicable regulations)		17 mph
Differential lock		Limited slip differential on front axle
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs on front & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		40 US gpm - 3916 PSI
Flow sharing distributor		Standard
Tank capacities		
Hydraulic oil		35 US gal
Fuel tank		36 US gal
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		79 dB
Noise to environment (LwA)		103 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Tractor homologation		
Safety cab homologation		ROPS - FOPS level 2 cab
Controls		JSM

MLT-X 845-120 H - Dimensional drawing





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