

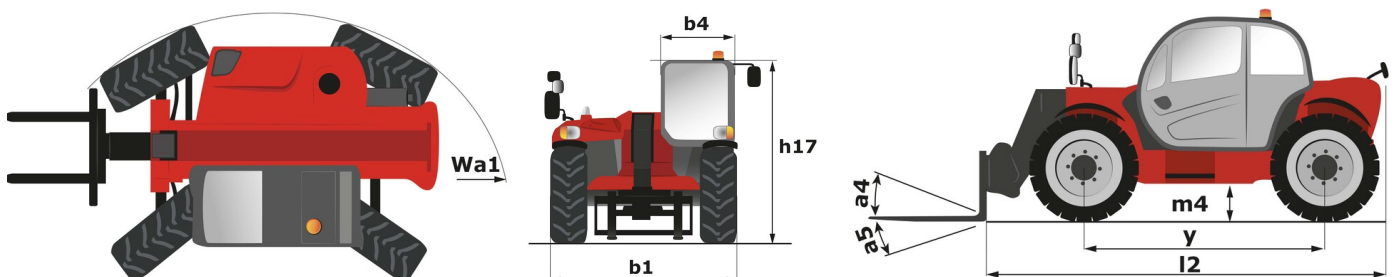
Technical sheet :

MLT-X 845-120



Capacities		Metric
Max. capacity	Q	4500 kg
Max. lifting height	h3	7.55 m
Maximum outreach		4.57 m
Reach at max. height		1.55 m
Breakout force with bucket		6650 daN
Weight and dimensions		
Unladen weight (with forks)		8816 kg
Ground clearance	m4	0.45 m
Wheelbase	y	2.77 m
Overall length to carriage (with hitch)	l11	5.22 m
Front overhang		1.39 m
Overall width	b1	2.42 m
Overall cab width	b4	0.95 m
Overall height	h17	2.58 m
Tilt-down angle	a5	130 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	4.18 m
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 - 3600 cm³
I.C. Engine power rating / Power		121 Hp / 90 kW
Max. torque / Engine rotation		480 Nm @1600 rpm
Drawbar pull (Laden)		10355 daN
Drawbar pull (Unladen)		10355 daN
Reversible fan		Standard
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)
Transmission		
Transmission type		Torque converter
Gearbox		Powershuttle
Number of gears (forward / reverse)		4 / 4
Max. travel speed (may vary according to applicable regulations)		32 km/h
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		150 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		131 l
Fuel tank		135 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		79 dB
Noise to environment (LWA)		103 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Tractor homologation		
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

MLT-X 845-120 - Dimensional drawing





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