

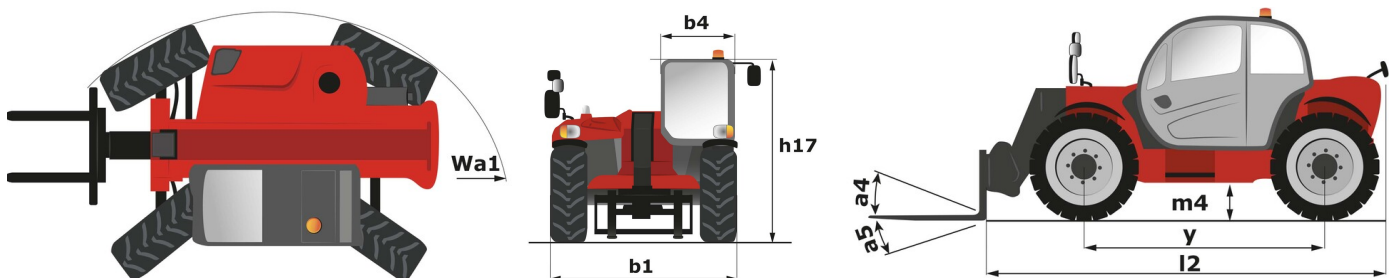
Technical sheet :

MLT-X 845-120



Capacities		Metric
Max. capacity	Q	4500 kg
Max. lifting height	h3	7.55 m
Max. 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 cm ³
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		
Fuel tank		135 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 nom		79 dB
Noise to environment (LwA)		103 dB
Vibration on hands/arms		< 2.50 m/s ²
Miscellaneous		
Tractor homologation		
Safety cab homologation		Cabin ROPS - FOPS level 2
Controls		JSM

MLT-X 845-120 - Dimensional drawing





Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes