Technical sheet :

## MLT-X 841 - 145 PS+

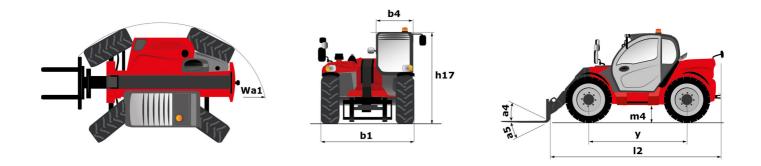




## MLT-X 841 - 145 PS+ Created on April 28, 2024 at 1:59:12 PM UTC

Capacities Max. capacity Max. lifting height Max. outreach Reach at max. height	Q h3	Metric 4100 kg 7.60 m
Max. lifting height Max. outreach Reach at max. height		
Max. outreach Reach at max. height	h3	7.60 m
Reach at max. height		7.00 11
		4.45 m
		0.90 m
Breakout force with bucket		5268 daN
Weight and dimensions		
Unladen weight (with forks)		9160 kg
Ground clearance	m4	0.43 m
Wheelbase	У	2.88 m
Overall length to carriage (with hitch)	111	5.40 m
Overall length to carriage (without hitch)	13	5.23 m
Front overhang		1.50 m
Overall width	b1	2.39 m
Overall cab width	b4	0.99 m
Overall height	h17	2.42 m
•		135 °
Tilt-down angle	a5	135 12 °
Tilt-up angle	a4	
External turning radius (over tyres)	Wa1	3.74 m
Standard tires		Michelin - XMCL - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		6.40 s
Lowering		4.60 s
Extension		6.10 s
Retraction		5.20 s
Crowd		3 s
Dump		2.20 s
Engine		
Engine brand		Yanmar
Engine norm		Stage IIIA
Max. fuel sulphur content		1000 ppm
Engine model		4TN107HT-5SMUF
Number of cylinders - Capacity of cylinders		4 - 4567 cm³
I.C. Engine power rating / Power		141 Hp / 105 kW
Max. torque / Engine rotation		602 Nm @1500 rpm
Drawbar pull (Laden)		8727 daN
Reversible fan		Standard
		4 radiators (water + intercooler + hydraulic oil +
Engine cooling system		transmission oil)
Transmission		
Transmission type		Torque converter with powershift gearbox
Gearbox		M-Shift
Number of gears (forward / reverse)		5/3
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
Canica here		Oil-immersed multi-discs braking on front & rear
Service brake		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
Noise and vibration		
		69 dB
Noise at driving position (LpA) tested following NF EN 12053 norm		[U5 0B
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		105 dB < 2.50 m/s <sup>2</sup>
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm		< 2.50 m/s <sup>2</sup>
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous	_	< 2.50 m/s²
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm	_	

## MLT-X 841 - 145 PS+ - 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