Technical sheet :

## MLT-X 841 - 145 PS+





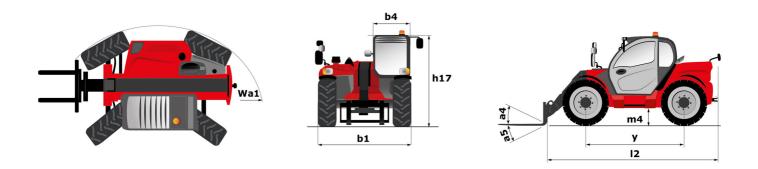
## MLT-X 841 - 145 PS+ Created on August 12, 2025 at 5:43 PM UTC

	<b>MLT-X 841 - 145 PS+</b> Created on August 12, 2025 at 5:43 PM
Capacities	Metric
Max. capacity	Q 4100 kg
Max. lifting height	h3 7.60 m
Maximum outreach	4.45 m
Reach at max. height	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	y 2.88 m
Overall length to carriage (with hitch)	l11 5.40 m
Overall length to carriage (without hitch)	l3 5.23 m
Front overhang	1.50 m
Overall width	b1 2.39 m
Dverall cab width	b4 0.99 m
Dverall height	h17 2.42 m
Tilt-down angle	a5 135 °
Tilt-up angle	a4 12 °
	Wa1 3.74 m
External turning radius (over tyres) Standard tires	Wai 5.74 III Michelin - XMCL - 460/70 R24 159A8
	2/2
Drive wheels (front / rear)	
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
.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
Engine cooling system	4 radiators (water + intercooler + hydraulic oil
Transmission	transmission oil)
	Terrue converter with new archift gentrev
ransmission type	Torque converter with powershift gearbox
Searbox	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 axle
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front & re axles
Hydraulics	
łydraulic pump type	Variable displacement pump
lydraulic flow - Pressure	200 l/min - 270 bar
Flow sharing distributor	Standard
Fank capacities	
Hydraulic tank capacity	141
iuel tank	1411
Noise and vibration	
Noise at driving position (LpA) tested following NF EN 12053 norm	69 dB
Noise to environment (LwA)	105 dB
/ibration on hands/arms	< 2.50 m/s <sup>2</sup>
Miscellaneous	
Fractor homologation	Tractor homologation
Cab certification	Cabin ROPS - FOPS level 2
Controls	MSL

## Optional tires tab

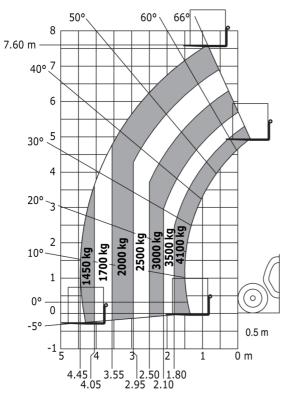
	Overall height	Overall width
ALLIANCE - A580 - 460/70 R24 159A8	-	-
ALLIANCE - A585 - 460/70 R24 159A8		-
MICHELIN - XMCL - 500/70 R24 164A8		-
MICHELIN - BIBLOAD - 500/70 R24 164A8		-
MICHELIN - BIBLOAD - 460/70 R24 159A8		-
TRELLEBORG - TH400 - 460/70 R24 159A8		-
TRELLEBORG - TH400 - 500/70 R24 164A8		-
TRELLEBORG - TH500 - 460/70 R24 159A8		-
VREDESTEIN - ENDURION - 460/70 R24 159A8		-
VREDESTEIN - ENDURION - 500/70 R24 164A8		

MLT-X 841 - 145 PS+ - Dimensional drawing



## MLT-X 841 - 145 PS+ - Load chart

Machine on tires with forks Metric





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