Technical sheet:

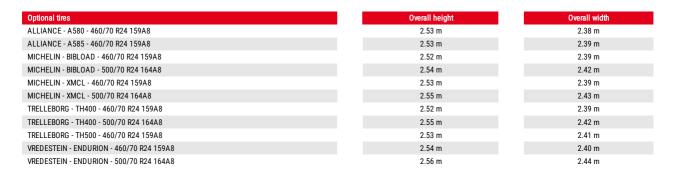
## MLT 841-145 PS+





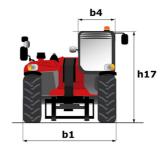
	MLT 841-145 PS+ Created on 4 May 2024 at 1	1:57:45 U
Capacities	Metric	
Max. capacity	Q 4100 kg	
Max. lifting height	h3 7.60 m	
Max. outreach	4.45 m	
Reach at max. height	0.90 m	
Breakout force with bucket	5268 daN	
Weight and dimensions		
Unladen weight (with forks)	9160 kg	
Ground clearance	m4 0.43 m	
Wheelbase	y 2.88 m	
Overall length to carriage (with hitch)	I11 5.40 m	
Overall length to carriage (without hitch)	l3 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	
Tilt-down angle	a5 135°	
Tilt-up angle	a4 12 °	
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	
	4.60 s	
Lowering		
Extension	6.10 s	
Retraction	5.20 s	
Crowd	3 s	
Dump	2.20 s	
Engine		
Engine brand	Yanmar	
Engine norm	Stage V / Tier 4 Final	
Engine model	4TN107FHT-5SMUF	
Number of cylinders - Capacity of cylinders	4 - 4567 cm <sup>3</sup>	
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	
Engine cooling system	4 radiators (water + intercooler + hy transmission oil)	draulic oil +
Transmission		
Transmission type	Torque converter with powershift	nearhox
Gearbox	M-Shift	gcuibox
	5 / 3	
Number of gears (forward / reverse)		
Max. travel speed (may vary according to applicable regulations)	40 km/h	
Differential lock	Limited slip differential on front and	
Parking brake	Automatic negative parking b	
Service brake	Oil-immersed multi-discs braking on axles	front & rear
Hydraulics		
Hydraulic pump type	Variable displacement pur	mp
Hydraulic flow - Pressure	200 l/min - 270 bar	
Flow sharing distributor	Standard	
	Standard	
Tank capacities		
Hydraulic oil	141	
Fuel tank	142 l	
Diesel Exhaust fluid (AdBlue® type)	21.50	
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	69 dB	
Noise to environment (LwA)	105 dB	
Vibration to whole hand/arm	< 2.50 m/s <sup>2</sup>	
Miscellaneous	· 2.00 III/S	
	To short at the	
Tractor homologation	Tractor homologation	
Safety cab homologation	ROPS - FOPS level 2 cab	
Controls	JSM	

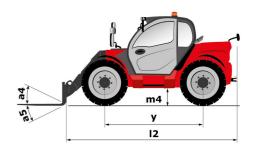
## **Optional tires tab**



## MLT 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