Technical sheet:

## MLT 841-145 PS+





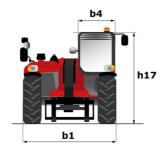
Capacities		Metric
Max. capacity	Q	4100 kg
Max. lifting height	h3	7.60 m
Max. outreach		4.45 m
Reach at max. height		0.90 m
Breakout force with bucket		5268 daN
Weight and dimensions		
Inladen weight (with forks)		9160 kg
	<b>A</b>	
Ground clearance	m4	0.43 m
Vheelbase	у	2.88 m
Overall length to carriage (with hitch)	l11	5.40 m
Overall length to carriage (without hitch)	13	5.23 m
ront overhang		1.50 m
Overall width	b1	2.39 m
Overall cab width	b4	0.99 m
Overall height	h17	2.42 m
ïlt-down angle	a5	135 °
ilt-up angle	a4	12 °
external turning radius (over tyres)	Wa1	3.74 m
Standard tires		Michelin - XMCL - 460/70 R24 159A8
Orive wheels (front / rear)		2/2
Steering wheels (front / rear)		2 / 2
Performances		
ifting		6.40 s
owering		4.60 s
extension		6.10 s
letraction		5.20 s
Crowd		3 s
		2.20 s
Oump		2.20 \$
Engine		
Engine brand		Yanmar
Engine norm		Stage V / Tier 4 Final
Engine model		4TN107FHT-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
ACTORDIC FULL		4 radiators (water + intercooler + hydraulic oil +
Engine cooling system		transmission oil)
Transmission		
Fransmission type		Torque converter with powershift gearbox
Gearbox		M-Shift
lumber 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
unting state		Oil-immersed multi-discs braking on front & rea
Service brake		axles
lydraulics		
lydraulic pump type		Variable displacement pump
		200 I/min - 270 bar
lydraulic flow - Pressure		
low sharing distributor		Standard
ank capacities		
lydraulic oil		141 l
uel tank		142 I
Diesel Exhaust fluid (AdBlue® type)		21.50 l
loise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		69 dB
		105 dB
Noise to environment (LwA)		
/ibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Fractor homologation		Tractor homologation
Safety cab homologation		ROPS - FOPS level 2 cab

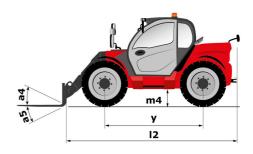
## **Optional tires tab**

Optional tires	Overall height	Overall width
ALLIANCE - A580 - 460/70 R24 159A8	2.53 m	2.38 m
ALLIANCE - A585 - 460/70 R24 159A8	2.53 m	2.39 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.52 m	2.39 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.54 m	2.42 m
MICHELIN - XMCL - 460/70 R24 159A8	2.53 m	2.39 m
MICHELIN - XMCL - 500/70 R24 164A8	2.55 m	2.43 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.52 m	2.39 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.55 m	2.42 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.53 m	2.41 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.54 m	2.40 m
VREDESTEIN - ENDURION - 500/70 R24 164A8	2.56 m	2.44 m

## 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