Technical sheet :

MLT 841-145 PS+





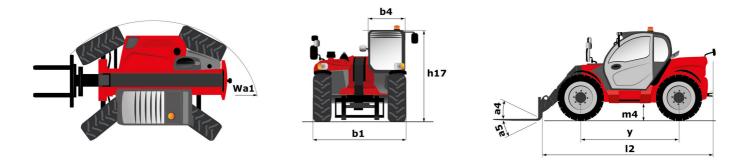
MLT 841-145 PS+ Created on April 30, 2024 at 7:47:22 AM UTC

	MLT 841-145 PS+ Created on April 30, 2024 at 7:47:22	2 AM L
Capacities	Metric	
Max. capacity	Q 4100 kg	
Vax. lifting height	h3 7.60 m	
Max. outreach	4.45 m	
Reach at max. height	0.90 m	
Breakout force with bucket	5268 daN	
Veight and dimensions	J200 UAN	
Jnladen weight (with forks)	9160 kg	
Ground clearance	m4 0.43 m	
Wheelbase		
)verall length to carriage (with hitch)		
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	
Dverall height	h17 2.42 m	
ïlt-down angle	a5 135 °	
ïlt-up angle	a4 12 °	
external turning radius (over tyres)	Wa1 3.74 m	
Standard tires	Michelin - XMCL - 460/70 R24 159	8A8
Drive wheels (front / rear)	2/2	
Steering wheels (front / rear)	2 / 2	
Performances		
ifting	6.40 s	
owering	4.60 s	
Internation	6.10 s	
Retraction	5.20 s	
Crowd	3 s	
	2.20 s	
Dump	2.20 \$	
Engine		
Engine brand	Yanmar	
Engine norm	Stage V / Tier 4 Final	
Engine model	4TN107FHT-SSMUF	
Number of cylinders - Capacity of cylinders	4 - 4567 cm ³	
.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 + hydrau transmission oil)	ulic oil +
Transmission		
Transmission type	Torque converter with powershift gea	arbox
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 re	ar axles
Parking brake	Automatic negative parking brak	
Service brake	Oil-immersed multi-discs braking on fro	
	axles	
-lydraulics	W. S. D. Barris	
lydraulic pump type	Variable displacement pump	
lydraulic flow - Pressure	200 l/min - 270 bar	
low sharing distributor	Standard	
fank capacities		
lydraulic oil	141	
uel tank	142	
Diesel Exhaust fluid (AdBlue® type)	21.50	
loise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	69 dB	
	105 dB	
Noise to environment (LwA)	< 2.50 m/s ²	
Noise to environment (LwA) /ibration to whole hand/arm		
Noise to environment (LwA) /ibration to whole hand/arm Miscellaneous	< 2.50 m/s ²	
Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous Tractor homologation Safety cab homologation		

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