Technical sheet:

MLT 635-140 V+



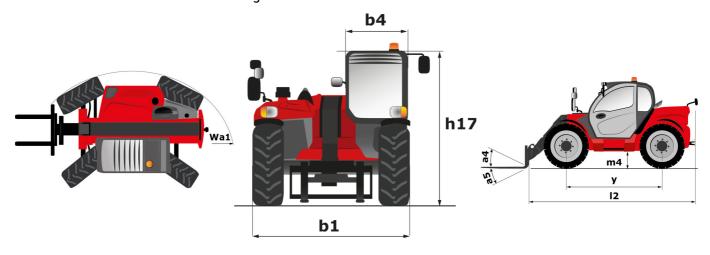


	MLT 635-140 V+ Created on 5 May 2024 at 08:32:2
Capacities	Metric
Max. capacity	Q 3500 kg
Max. lifting height	h3 6.08 m
Max. outreach	3.20 m
Reach at max. height	0.60 m
Breakout force with bucket	5441 daN
Weight and dimensions	
Unladen weight (with forks)	7600 kg
Ground clearance	m4 0.42 m
Wheelbase	y 2.60 m
Overall length to carriage (with hitch)	I11 4.66 m
Overall length to carriage (with mich)	13 4.50 m
	1.11 m
Front overhang	
Overall width	b1 2.39 m
Overall cab width	b4 0.95 m
Overall height	h17 2.38 m
Tilt-down angle	a5 134 °
Tilt-up angle	a4 12°
External turning radius (over tyres)	Wa1 3.77 m
Standard tires	Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)	2/2
Steering wheels (front / rear)	2/2
Performances	
Lifting	6.80 s
Lowering	6.80 s
Extension	4.50 s
Retraction	4.70 s
Crowd	2.90 s
Dump	2.50 s
Engine	
Engine brand	Deutz
Engine norm	Stage V / Tier 4 Final
Engine model	TCD 3,6 L4
•	4 - 3621 cm ³
Number of cylinders - Capacity of cylinders	
I.C. Engine power rating / Power	136 Hp / 100 kW
Max. torque / Engine rotation	500 Nm @1600 pm
Drawbar pull (Laden)	6600 daN
Reversible fan	Standard
Engine cooling system	4 radiators (water + intercooler + hydraulic o transmission oil)
HVO validated (according to EN 15940 standard)	Yes
Transmission	
Transmission type	M-Vario Plus
Max. travel speed (may vary according to applicable regulations)	40 km/h
Differential lock	Limited slip differential on front axle
Parking brake	Automatic negative parking brake
	Oil-immersed multi-discs braking on front &
Service brake	axles
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	170 l/min - 270 bar
Flow sharing distributor	Standard
Tank capacities	
Hydraulic oil	135
Fuel tank	120
Diesel Exhaust fluid (AdBlue® type)	10 (
Noise and vibration	
Noise at driving position (LpA) tested following NF EN 12053 norm	72 dB
Noise to environment (LwA)	105 dB
Vibration to whole hand/arm	< 2.50 m/s²
Marallanana	
MISCEIIANEOUS	
	Tractor homologation
Miscellaneous Tractor homologation Safety cab homologation	Tractor homologation ROPS - FOPS level 2 cab

Optional tires tab

Optional tires	Overall height
FIRESTONE - R8000 UT - 460/70 R24 159A8	2.39 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m
OKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m
REDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m
FRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m

MLT 635-140 V+ - 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