Technical sheet:

# MLT 635-140 V+ (S2)





Capacities	Metric	
<u> </u>		
Max. capacity		
Max. lifting height	h3 6.13 m	
Maximum outreach	3.26 m	
Reach at max. height	0.60 m	
Breakout force with bucket	5900 daN	
Weight and dimensions		
Unladen weight (with forks)	7280 kg	
Ground clearance	m4 0.42 m	
Wheelbase	y 2.60 m	
Overall length to carriage (with hitch)	I11 4.71 m	
Front overhang	1.16 m	
Overall width	b1 2.39 m	
Overall cab width	b4 0.95 m	
Overall height	h17 2.38 m	
•		
Tilt-down angle		
Tilt-up angle	a4 14 °	
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	7 s	
Lowering	5.60 s	
Extension	5 s	
Retraction	4.30 s	
Crowd	3.80 s	
Dump	3.10 s	
Engine	3.10 3	
	Deutz	
Engine brand		
Engine norm	Stage V	
Engine model	TCD 3,6 L4	
Number of cylinders - Capacity of cylinders	4 - 3621 cm <sup>3</sup>	
I.C. Engine power rating / Power	136 Hp / 100 kW	
Max. torque / Engine rotation	500 Nm @1600 rpm	
Drawbar pull (Laden)	6480 daN	
Reversible fan	Standard	
Engine cooling system	Engine cooling system - 4 radiato intercooler + hydraulic oil + hydra transmission)	
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 fro	nt axle
Parking brake	Automatic negative parking	brake
Service brake	Oil-immersed multi-discs braking o axles	n front & rea
Hydraulics		
Hydraulic pump type	Variable displacement pu	mp
Hydraulic flow - Pressure	170 l/min - 270 bar	
Flow sharing distributor	Standard	
Tank capacities	Canada	
Hydraulic tank capacity	135	
Fuel tank	1351	
Diesel Exhaust fluid (AdBlue® type)	10	
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	72 dB	
Vibration on hands/arms	< 2.50 m/s²	
Miscellaneous		
Tractor homologation	Tractor homologation	
Cab certification	Cabin ROPS - FOPS level	2
Controls	JSM	

# Optional tires tab

	Overall height	Overall width
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m	2.40 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.41 m
LEDESTER LINDSHOT TOO//OTIZE 137A0	2.30 111	2.41 111

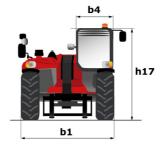
## Options / Finishing

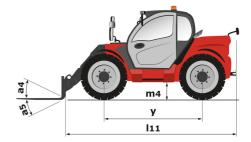
S: Standard / O: Optional / -: Not available

	Classic	Premium	Elite	Platinum
Lifting function				
Attachment hydraulic locking	0	0	0	S
Intelligent hydraulics	0	0	S	S
Regenerative Hydraulics	0	S	S	S
Operator station				
Air suspension fabric seat - GRAMMER	0	S	-	-
Automatic air conditioning	0	S	S	S
Automatic wheel alignment	0	0	S	S
Bluetooth USB radio - With extra microphone - 100W	0	0	S	S
Bluetooth USB radio - With integrated microphone - 100W	0	S	-	-
Boom suspension - "Active CRC"	0	0	S	S
Exterior right electric rear-view mirror with de-icing	0	0	S	S
Extra front wiper	0	S	S	S
HighView camera on boom head (telescopic part)	0	0	0	S
Lateral wiper	S	S	S	S
Low frequency air suspension fabric seat - GRAMMER	0	0	S	-
Low frequency air suspension fabric seat with heating - GRAMMER	0	0	0	S
Mechanical suspension fabric seat - GRAMMER	S	-	-	-
SafeView camera pack - Right hand side and rear (x2)	0	0	0	S
Storage box - On the shelf	0	0	0	S
Tuner car radio - 50W	S	-	-	-
Vision screen - 7 in.	S	S	S	S
Motorization/Power				
Auto reversing fan	S	S	S	S
Continuous flow hydraulics	0	0	S	S
Hand throttle	S	S	S	S
Secondary functions				
Automatic greasing system (AGS) - Chassis + boom	0	0	0	S
Lighting				
LED+ side work lights (x4)	0	0	0	S
led front road lights	0	0	0	S
LED work lights - On the top of the boom (fixed part) (x2)	0	0	0	S

### MLT 635-140 V+ (S2) - Dimensional drawing

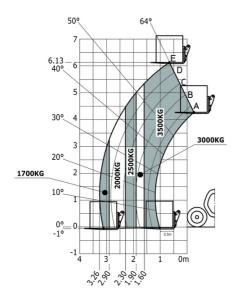






#### MLT 635-140 V+ (S2) - Load chart

#### 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