Technical sheet:

## MLT 940-140 V+





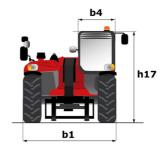
	MLT 940-140 V+ Created on May 3, 2024 at 12:	44:07 AM UT
Capacities	Metric	
Max. capacity	Q 4000 kg	
Max. lifting height	h3 9 m	
Max. outreach	6.55 m	
Reach at max. height	2.40 m	
Breakout force with bucket	5402 daN	
Weight and dimensions		
Unladen weight (with forks)	8361 kg	
Ground clearance	m4 0.42 m	
Wheelbase	y 2.81 m	
Overall length to carriage (with hitch)	I11 5.12 m	
Overall length to carriage (without hitch)	13 4.94 m	
Front overhang	1.36 m	
Overall width	b1 2.39 m	
Overall cab width	b4 0.95 m	
Overall height	h17 2.38 m	
Tilt-down angle	a5 133 °	
Tilt-up angle	a4 14 °	
External turning radius (over tyres)	Wa1 3.93 m	
		24.15040
Standard tires  Drive wheels (front / mar)	Alliance - A580 - 460/70 R	24 139A0
Drive wheels (front / rear)	2/2	
Steering wheels (front / rear)	2/2	
Performances		
Lifting	6.50 s	
Lowering	7.20 s	
Extension	11 s	
Retraction	8.10 s	
Crowd	3.20 s	
Dump	2.90 s	
Engine		
Engine brand	Deutz	
Engine norm	Stage V / Tier 4 Fin	al
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 rpr	n
Drawbar pull (Laden)	6200 daN	
Reversible fan	Standard	
Engine cooling system	4 radiators (water + intercooler + transmission oil)	hydraulic 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 parkin	ng brake
Service brake	Oil-immersed multi-discs braking axles	on front & rear
Hydraulics	uxico	
Hydraulic pump type	Variable displacement	pump
Hydraulic flow - Pressure	170 l/min - 270 ba	
Flow sharing distributor	Standard	
Tank capacities	Galladia	
Hydraulic oil	135	
Fuel tank	120	
Diesel Exhaust fluid (AdBlue® type)	10	
Noise and vibration	101	
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	
Miscellaneous		
Tractor homologation	Tractor homologation	
Safety cab homologation	ROPS - FOPS level 2 (	cab
Controls	JSM	

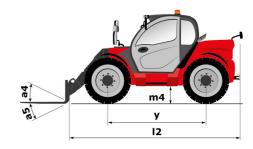
## Optional tires tab

Optional tires	Overall height	Overall width
FIRESTONE - R8000 UT - 460/70 R24 159A8	2.39 m	2.42 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.41 m
VREDESTEIN - ENDURION - 500/70 R24 164A8	2.41 m	2.44 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m	2.40 m
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m

## MLT 940-140 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