Technical sheet :

MLT 741-140 V+





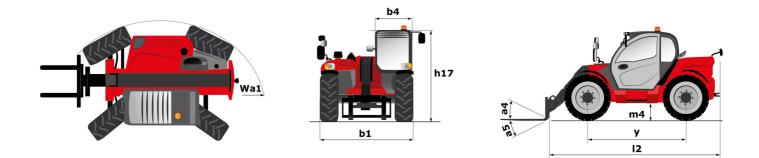
	ILT	741-140 V+	Created on April	17,	, 2025 at	1:32 PM U1	٢C
--	-----	------------	------------------	-----	-----------	------------	----

	MLT 741-140 V+	Created on April 17, 2025 at 1:32 PM UT
Capacities		Metric
Max. capacity	Q	4100 kg
Max. lifting height	h3	6.90 m
Maximum outreach		3.90 m
Reach at max. height		1 m
Breakout force with bucket		5992 daN
Weight and dimensions		
Unladen weight (with forks)		7755 kg
Ground clearance	m4	0.42 m
Wheelbase	у	2.81 m
Overall length to carriage (with hitch)	11	4.97 m
Overall length to carriage (without hitch)	13	4.82 m
Front overhang	10	1.21 m
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	a3 a4	134 12 °
External turning radius (over tyres)	a4 Wa1	3.93 m
Standard tires	Wai	Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
		2/2
Steering wheels (front / rear) Performances		272
Lifting		7 s
		6 s
Lowering		6.30 s
Extension		
Retraction		5.60 s 3.20 s
Crowd		
Dump		2.80 s
Engine Engine brand		Deutz
Engine brand		Stage V / Tier 4 Final
Engine norm		
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 rpm 6200 daN
Drawbar pull (Laden) Reversible fan		Standard
Reversible Fail		4 radiators (water + intercooler + hydraulic oil +
Engine cooling system		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 & rear
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 tank capacity		135
Fuel tank		120 I
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 on hands/arms		< 2.50 m/s ²
Miscellaneous		
Tractor homologation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM
		U UNI

Optional tires tab

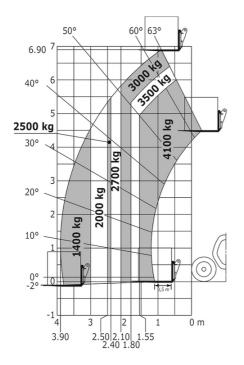
	Overall height	Overall width
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 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
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m	2.40 m

MLT 741-140 V+ - Dimensional drawing



MLT 741-140 V+ - 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