Technical sheet :

MLT 741-140 V+





| MLT 741-140 V+ Created on 11 March 2025 at 06:59 UTC | | | | |
|--|----|---------|--|--|
| | | Metric | | |
| | Q | 4100 kg | | |
| | h3 | 6.90 m | | |

3.90 m 1 m 5992 daN

| Capacities | |
|--|---------|
| Max. capacity | Q |
| Max. lifting height | 4 h3 |
| Max. outreach | 113 |
| | |
| Reach at max, height | |
| Breakout force with bucket | |
| Weight and dimensions | |
| Unladen weight (with forks) | |
| Ground clearance | m4 |
| Wheelbase | у |
| Overall length to carriage (with hitch) | l11 |
| Overall length to carriage (without hitch) | 13 |
| Front overhang | |
| Overall width | b1 |
| Overall cab width | b4 |
| Overall height | h17 |
| Tilt-down angle | a5 |
| Tilt-up angle | a4 |
| External turning radius (over tyres) | Wa1 |
| Standard tires | War |
| Drive wheels (front / rear) | |
| Steering wheels (front / rear) | |
| | |
| Performances | |
| Lifting | |
| Lowering | |
| Extension | |
| Retraction | |
| Crowd | |
| Dump | |
| Engine | |
| Engine brand | |
| Engine norm | |
| Engine model | |
| Number of cylinders - Capacity of cylinders | |
| I.C. Engine power rating / Power | |
| Max. torque / Engine rotation | |
| Drawbar pull (Laden) | |
| Reversible fan | |
| | |
| Engine cooling system | |
| HVO validated (according to EN 15940 standard) | |
| Transmission | |
| Transmission type | |
| Max. travel speed (may vary according to applicable regulations) | |
| Differential lock | |
| Parking brake | |
| | |
| Service brake | |
| -lydraulics | |
| Hydraulic pump type | |
| Hydraulic flow - Pressure | |
| Flow sharing distributor | |
| | |
| Fank capacities | |
| lydraulic tank capacity | |
| Fuel tank | |
| Diesel Exhaust fluid (AdBlue® type) | |
| | |
| Noise and vibration | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | |
| | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | |
| Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) | |
| Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms Miscellaneous | |
| Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms | _ |

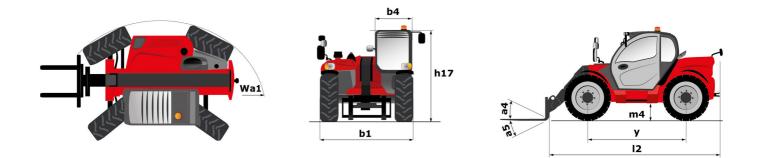
| 7755 kg | |
|---|-----------------|
| 0.42 m | |
| 2.81 m | |
| 4.97 m | |
| 4.82 m | |
| 1.21 m | |
| 2.39 m 0.95 m | |
| 2.38 m | |
| 134 ° | |
| 134 12 ° | |
| 3.93 m | |
| Alliance - A580 - 460/70 R24 | 159A8 |
| 2/2 | |
| 2/2 | |
| | |
| 7 s | |
| б s | |
| 6.30 s | |
| 5.60 s | |
| 3.20 s | |
| 2.80 s | |
| | |
| Deutz | |
| Stage V / Tier 4 Final | |
| TCD 3.6 L4 4 - 3621 cm ³ | |
| 136 Hp / 100 kW | |
| 500 Nm @1600 rpm | |
| 6200 daN | |
| Standard | |
| 4 radiators (water + intercooler + hy | draulic oil + |
| transmission oil) | |
| Yes | |
| | |
| M-Vario Plus | |
| 40 km/h | |
| Limited slip differential on fro | |
| Automatic negative parking b Oil-immersed multi-discs braking or | |
| axles | i iiuiit a ledi |
| | |
| Variable displacement pur | mp |
| 170 l/min - 270 bar | |
| Standard | |
| 1051 | |
| 135 | |
| 120 | |
| 10 | |
| 72 dB | |
| 105 dB | |
| < 2.50 m/s ² | |
| | |
| Tractor homologation | |
| Cabin DODC _ EODC laval | |

Cabin ROPS - FOPS level 2 JSM

Optional tires tab

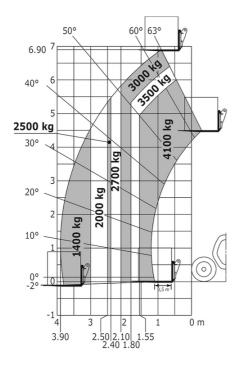
| | Overall height | Overall width |
|--|----------------|---------------|
| TRELLEBORG - TH400 - 460/70 R24 159A8 | 2.37 m | 2.40 m |
| TRELLEBORG - TH400 - 500/70 R24 164A8 | 2.39 m | 2.42 m |
| MICHELIN - XMCL - 500/70 R24 164A8 | 2.39 m | 2.43 m |
| MICHELIN - BIBLOAD - 460/70 R24 159A8 | 2.37 m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