Technical sheet :

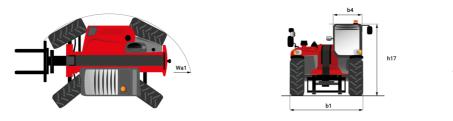
MT 735 75D ST5

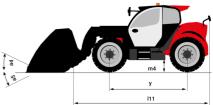




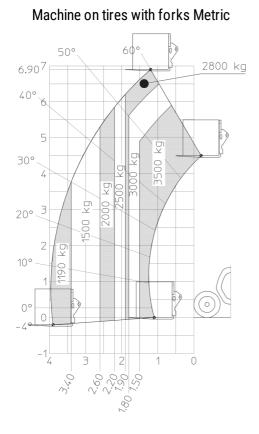
| | MT 735 75D ST5 Created on July 31, | 2025 at 8:31 PM UTC |
|--|------------------------------------|---------------------|
| Capacities | Ме | tric |
| Max. capacity | 350 | 0 kg |
| Max. lifting height | 6.9 | |
| Maximum outreach | 4 | |
| Breakout force with bucket | 6850 | |
| Weight and dimensions | | |
| Overall length to carriage | l11 4.7 | 0 m |
| Length to face of forks | 12 4.7 | |
| Overall length (with forks) | 11 5.9 | |
| Overall width | b1 2.2 | |
| Overall height | h17 2.4 | |
| Wheelbase | у 2.8 | |
| Ground clearance | m4 0.4: | |
| Overall cab width | b4 0.9 | |
| Tilt-up angle | a4 13 | |
| Tilt-down angle | a5 11 | |
| External turning radius | Wa3 3.7 | |
| External turning radius (over tyres) | Wa1 3.7 | |
| Unladen weight (with forks) | 693 | |
| | | |
| Unladen weight | 661 | |
| Overall weight | 693 | |
| Tires type | Infla | |
| Standard tires | Alliance 400/0 | |
| Forks length / width / section | l / e / s 1200 mm x 10 | U MM X 50 MM |
| Performances | | 0 |
| Lifting | 5.9 | |
| Lowering | 4.2 | |
| Extension | 12.3 | |
| Retraction | 4.7 | |
| Crowd | 3.5 | |
| Dump | 3.6 | 0 s |
| Engine | | |
| Engine brand | De | |
| Engine norm | Stage V / 1 | |
| Engine model | TCD | |
| Number of cylinders / Capacity of cylinders | 4 - 292 | |
| I.C. Engine power rating - Power | 75 Hp / 5 | |
| Max. torque / Engine rotation | 375 Nm @ | |
| Drawbar pull (Laden) | 7220 | |
| HVO validated (according to EN 15940 standard) | Ye | es |
| Electric circuit | | |
| 12V Battery capacity | 110 | Ah |
| Transmission | | |
| Transmission type | Torque o | converter |
| Number of gears (forward / reverse) | 4, | 4 |
| Max. travel speed | 24.70 | km/h |
| Max. travel speed (may vary according to applicable regulations) | 24.70 | km/h |
| Parking brake | Automatic p | arking brake |
| Service brake | Hydraulic s | ervo brake |
| Hydraulics | | |
| Hydraulic pump type | Axial | piston |
| Hydraulic flow / Pressure | 110 l/mii | n-260 bar |
| Tank capacities | | |
| Engine oil | 8.5 | i0 I |
| Hydraulic oil | 12 | |
| Fuel tank | 10 | |
| Noise and vibration | | |
| Noise at driving position (LpA) | 77 | dB |
| Noise to environment (LwA) | 104 | |
| Vibration on hands/arms | < 2.50 | |
| Miscellaneous | | |
| Steering wheels (front / rear) | 2 | / 2 |
| Drive wheels (front / rear) | 21 | |
| Safety / Cab certification | Standard EN 15000 / Ca | |
| Controls | | |
| Unitiona | Ja | 1141 |

MT 735 75D ST5 - Dimensional drawing





MT 735 75D ST5 - Load chart





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