Technical sheet:

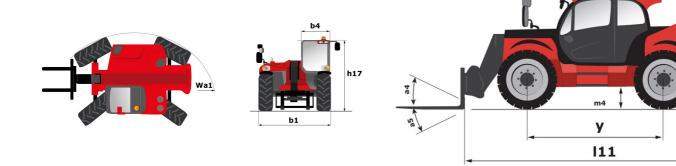
MLT 961-160 V+ L





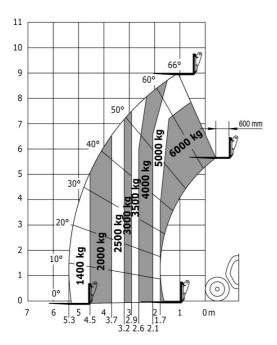
| | MLT 961-160 V+ L Created on May 5, 2024 at 10:10:33 P |
|---|--|
| Capacities | Metric |
| Max. capacity | Q 6000 kg |
| Max. lifting height | h3 9 m |
| Max. outreach | 5.30 m |
| Reach at max. height | 1.10 m |
| Breakout force with bucket | 7300 daN |
| Weight and dimensions | 7500 daiv |
| Unladen weight (with forks) | 11950 kg |
| | |
| Ground clearance | m4 0.45 m |
| Wheelbase | y 3 m |
| Overall length to carriage (with hitch) | l11 6.10 m |
| Overall length to carriage (without hitch) | l3 5.97 m |
| Front overhang | 1.65 m |
| Overall width | b1 2.48 m |
| Overall cab width | b4 0.99 m |
| Overall height | h17 2.55 m |
| Tilt-down angle | a5 135° |
| Tilt-up angle | a4 12 ° |
| External turning radius (over tyres) | Wa1 4.30 m |
| Standard tires | Alliance - A580 - 500/70 R24 164A8 |
| Drive wheels (front / rear) | 2/2 |
| Steering wheels (front / rear) | 2/2 |
| · , , | a9 7° |
| Frame leveling corrector | d9 / |
| Performances | 0.50 |
| Lifting | 8.50 s |
| Lowering | 6.50 s |
| Extension | 7 s |
| Retraction | 6 s |
| Crowd | 3.80 s |
| Dump | 3.60 s |
| Engine | |
| Engine brand | Yanmar |
| Engine norm | Stage V / Tier 4 Final |
| Engine model | 4TN107FTT-5SMUF |
| Number of cylinders - Capacity of cylinders | 4 - 4567 cm ³ |
| I.C. Engine power rating / Power | 156 Hp / 115 kW |
| Max. torque / Engine rotation | 805 Nm @1350 rpm |
| Drawbar pull (Laden) | 9700 daN |
| Reversible fan | Standard |
| Engine cooling system | 3 radiators water + intercooler + transmission |
| | S ladiators water + illercooler + transmission |
| Transmission | MAY : BI |
| Transmission type | M-Vario Plus |
| Max. travel speed (may vary according to applicable regulations) | 40 km/h |
| Parking brake | Automatic negative parking brake |
| Service brake | Oil-immersed multi-discs braking on front 8 |
| | axles |
| Hydraulics | |
| Hydraulic pump type | Variable displacement pump |
| Hydraulic flow - Pressure | 200 l/min - 270 bar |
| Flow sharing distributor | Standard |
| Tank capacities | |
| Hydraulic oil | 180 I |
| Fuel tank | 142 |
| Diesel Exhaust fluid (AdBlue® type) | 21.50 |
| Noise and vibration | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | 69 dB |
| Noise to environment (LwA) | 105 dB |
| Vibration to whole hand/arm | < 2.50 m/s ² |
| | < 2.50 III/S ² |
| Miscellaneous | * |
| Tractor homologation | Tractor homologation |
| Safety cab homologation | ROPS - FOPS level 2 cab |
| Controls | JSM |
| | |

MLT 961-160 V+ L - Dimensional drawing



MLT 961-160 V+ L - Load chart

Machine on tyres 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