

Technical sheet

MLA 4-50 H

Articulated loaders



| Capacities | Metric |
|--|---|
| Static tipping load with bucket (straight) | 1839 kg |
| Static tipping load with bucket (full turn) | 1205 kg |
| Static tipping load with forks (straight) | 1480 kg |
| Static tipping load with forks (full turn) | 971 kg |
| h35 - Max. height of bucket pivot point | 3.01 m |
| h3 - Max. lifting height (below forks) | 2.77 m |
| Breakout force with bucket | 2412 daN |
| Weight and dimensions | |
| Unladen weight (with forks) with 2-post canopy | 2740 kg |
| Unladen weight (with forks) with 4-post canopy | 2790 kg |
| m4 - Ground clearance | 0.25 m |
| l2 - Overall length to carriage (with hitch) | 3.55 m |
| y - Wheelbase | 1.62 m |
| b21 - Overall width of 2 posts canopy | 1.01 m |
| b22 - Overall width of 4 posts canopy | 1.02 m |
| b1 - Overall width (over tyres) | 1.33 m |
| h36 - Overall height with FOPS removed and ROPS folded | 1.84 m |
| h37 - Overall height with 2 posts canopy | 2.54 m |
| h38 - Overall height with 4 posts canopy | 2.32 m |
| h17 - Overall height with cab | 2.32 m |
| a4 - Crowd angle | 45 ° |
| a5 - Dump angle | 53 ° |
| Wa1 - External turning radius (over tyres) | 2.64 m |
| Articulation angle | 45 ° |
| Standard tyres | Mitas - 15.0x55-17 TR-07 |
| Engine | |
| Brand | Yanmar |
| Environmental norm | Stage 3A |
| Model | 4TNV88 |
| Number of cylinders - Cubic capacity | 4 - 2200 cm ³ |
| Power | 47 hp / 35 kW |
| Max. torque | 137.40 Nm at 1680 rpm |
| Transmission | |
| Type | Hydrostatic |
| Number of Gears (Forward) with standard speed | 2 |
| Number of Gears (Reverse) with standard speed | 2 |
| Number of Gears (Forward) with max. speed | 2 |
| Number of Gears (Reverse) with max. speed | 2 |
| Max. travel speed | 20 km/h |
| Differential lock | Limited slip differential on front and rear axles |
| Parking brake | Manual parking brake |
| Hydraulics | |
| Hydraulic pump type | Gear pump |
| Hydraulic flow - Pressure | 57 l/min - 207 bar |
| Drive hydraulic system pressure | 410 bar |
| Tank capacities | |
| Hydraulic oil | 42 l |
| Fuel | 68 l |
| Noise & vibration | |
| Vibration to whole hand / arm | 2.5 m/s ² |
| Miscellaneous | |
| Safety | Cab ROPS - FOPS Level 1 |

Options / Finishing

S : Standard / O : Optional / - : Not available

| | Essential | Classic | Premium | Elite |
|--|-----------|---------|---------|-------|
| General | | | | |
| Air prefilter | S | - | - | - |
| Hand throttle | S | - | - | - |
| Comfort | | | | |
| Mechanical seat | S | - | - | - |
| Air suspension seat | O | - | - | - |
| Canopy | S | - | - | - |
| Adjustable steering column | S | - | - | - |
| Hydraulic | | | | |
| Attachment hydraulic locking | O | - | - | - |
| Easy Connect System (ECS) | S | - | - | - |
| Continuous flow hydraulics | S | - | - | - |
| Attachment hydraulic line | S | - | - | - |
| Electricity / Safety | | | | |
| Complete road lighting | O | - | - | - |
| Rotating beacon light | O | - | - | - |
| Front and rear work lights on cab (x4: 2 front + 2 rear) | S | - | - | - |



Siège Social
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 brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,547,824 euros - 857 802 508 RCS Nantes