

Technical sheet :

# MLA 4-50 H

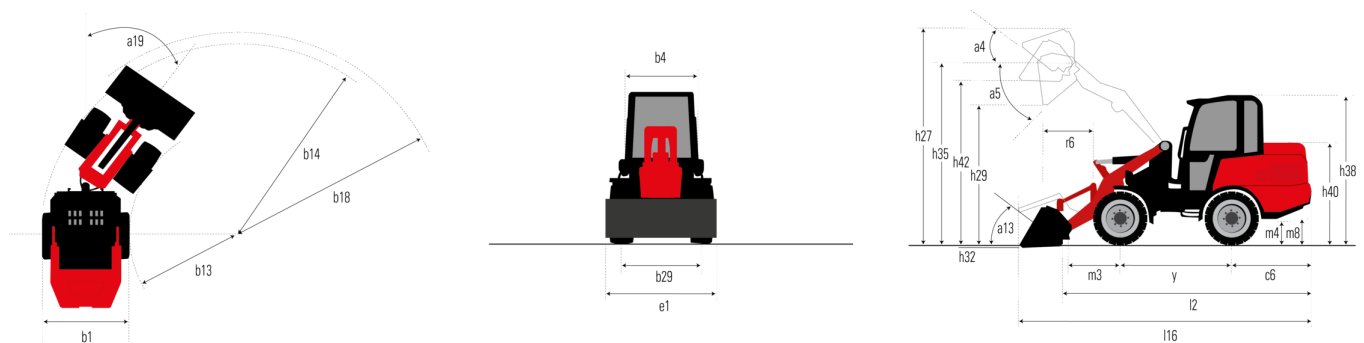
---



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities   |     | Metric             |
|--|-----|--------------------|
| Static tipping load with bucket (straight)                       |     | 1540 kg            |
| Static tipping load with bucket (full turn)                      |     | 1355 kg            |
| Static tipping load with forks (straight)                        |     | 1175 kg            |
| Static tipping load with forks (full turn)                       |     | 1030 kg            |
| Max. height of bucket pivot point                                | h35 | 2836 mm            |
| Weight and dimensions  |     |                    |
| Unladen weight (with forks) with 4-post canopy                   |     | 2316 kg            |
| Wheelbase  | y   | 1650 mm            |
| Overall cab width  | b4  | 991 mm             |
| Overall height with 4 posts canopy                               | h38 | 2258 mm            |
| Dump reach - Full height   | r6  | 479 mm             |
| Hood Height  | h40 | 1405 mm            |
| Overall Operating Height - Fully Raised                          | h27 | 3636 mm            |
| Articulation angle   | a19 | 45 °               |
| Maximum oscillation angle  |     | 10 °               |
| Overall length with bucket                                       | l16 | 4279 mm            |
| Overall width less bucket  | b1  | 1100 mm            |
| Overall length - Less Bucket                                     | l2  | 3583 mm            |
| Rear overhang  | c6  | 1120 mm            |
| Dump angle - Fully raised  | a5  | 42 °               |
| Dump Height - Fully Raised                                       | h29 | 2126 mm            |
| Maximum Rollback Angle - Fully Raised                            | a4  | 48 °               |
| Digging Position   | h32 | -79 mm             |
| Ground clearance   | m4  | 320 mm             |
| Clearance Radius - Front with Bucket                             | b18 | 3246 mm            |
| Clearance Radius - Less bucket                                   | b14 | 2767 mm            |
| Ground Plane to Bucket Edge Height                               | h42 | 2655 mm            |
| Tread width (wheel center)                                       | b29 | 836 mm             |
| Attachment Pivot Clearance                                       |     | 103 mm             |
| Height from ground to axle center                                | m8  | 214 mm             |
| Bucket Width   | e1  | 1520 mm            |
| Front Wheel Center to Pivot Pin                                  | m3  | 669 mm             |
| Height to Hinge Pin "Fully Raised"                               | h28 | 2900 mm            |
| Engine   |     |                    |
| Engine brand   |     | Perkins            |
| Engine model   |     | 403J-E17T          |
| Engine nom   |     | Stage V            |
| Number of cylinders  |     | 3                  |
| I.C. Engine power rating / Power                                 |     | 48 Hp / 36 kW      |
| Max. torque / Engine rotation                                    |     | 166 Nm / 1600 rpm  |
| Engine cooling system  |     | Water              |
| Transmission   |     |                    |
| Transmission type  |     | Hydrostatic        |
| Number of gears (forward / reverse)                              |     | 2 / 2              |
| Max. travel speed (may vary according to applicable regulations) |     | 20 km/h            |
| Service brake  |     | Inching Brake      |
| Hydraulics   |     |                    |
| Hydraulic pump type  |     | Gear pump          |
| Hydraulic flow - Pressure  |     | 60 l/min / 207 bar |
| High-Flow Option (l/min)   |     | 60 l/min           |
| Tank capacities  |     |                    |
| Hydraulic oil  |     | 48 l               |
| Fuel tank  |     | 45 l               |

### MLA 4-50 H - Dimensional drawing





**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](http://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