

Technical sheet :

# **MLA 6-65 H-Z**

---



| Capacities   |     | Metric                          | Imperial                        |
|--|-----|---------------------------------|---------------------------------|
| Static tipping load with bucket (straight)                       |     | 2907 kg                         | 6409 lbs                        |
| Static tipping load with bucket (full turn)                      |     | 2230 kg                         | 4916 lbs                        |
| Static tipping load with forks (straight)                        |     | 2259 kg                         | 4980 lbs                        |
| Static tipping load with forks (full turn)                       |     | 1778 kg                         | 3920 lbs                        |
| Max. height of bucket pivot point                                | h35 | 3.32 m                          | 10 ft 11 in                     |
| Max. lifting height (below forks)                                | h3  | 3.13 m                          | 10 ft 3 in                      |
| Breakout force with bucket                                       |     | 5743 daN                        | 5743 daN                        |
| Weight and dimensions  |     |                                 |                                 |
| Unladen weight (with forks) with 4-post canopy                   |     | 4150 kg                         | 9149 lbs                        |
| Unladen weight (with forks)                                      |     | 4309 kg                         | 9500 lbs                        |
| Ground clearance center  | m4  | 0.37 m                          | 1 ft 3 in                       |
| Overall length to carriage (without hitch hook)                  | l3  | 4.26 m                          | 14 ft                           |
| Wheelbase  | y   | 2.01 mm                         | 0.079 in                        |
| Overall width of 4 posts canopy                                  | b22 | 1.28 m                          | 4 ft 2 in                       |
| Overall cab width  | b4  | 1.28 m                          | 4 ft 2 in                       |
| Overall width (over tyres)                                       | b1  | 1.65 m                          | 5 ft 5 in                       |
| Overall height with FOPS removed and ROPS folded                 | h36 | 1.98 m                          | 6 ft 6 in                       |
| Overall height with 4 posts canopy                               | h38 | 2.47 m                          | 8 ft 1 in                       |
| Overall height with cab  | h17 | 2.47 m                          | 8 ft 1 in                       |
| Tilt-up angle  | a4  | 45 °                            | 45 °                            |
| Tilt-down angle  | a5  | 45 °                            | 45 °                            |
| Articulation angle   |     | 45 °                            | 45 °                            |
| Engine   |     |                                 |                                 |
| Engine brand   |     | Yanmar                          | Yanmar                          |
| Environmental norm   |     | Stage 3B                        | Stage 3B                        |
| Engine model   |     | 4TNV98CT_PGWL1                  | 4TNV98CT_PGWL1                  |
| Number of cylinders / Capacity of cylinders                      |     | 4 - 3300 cm³                    | 4 - 201.38 in³                  |
| I.C. Engine power rating / Power (kW)                            |     | 65 Hp / 48.5 kW                 | 65 Hp / 48.5 kW                 |
| Max. torque / Engine rotation                                    |     | 280 Nm / 1560 tr/min            | 280 Nm / 1560 tr/min            |
| Engine cooling system  |     | 2 radiators water hydraulic oil | 2 radiators water hydraulic oil |
| Transmission   |     |                                 |                                 |
| Transmission type  |     | Hydrostatic                     | Hydrostatic                     |
| Travel speed (laden)   |     | 20 km/h                         | 12.4 mph                        |
| Max. travel speed (may vary according to applicable regulations) |     | 30 km/h                         | 18.6 mph                        |
| Differential lock  |     | Machine Lock Rear & front       | Machine Lock Rear & front       |
| Parking brake  |     | Manual                          | Manual                          |
| Hydraulics   |     |                                 |                                 |
| Hydraulic pump type  |     | Gear Pump                       | Gear Pump                       |
| Hydraulic flow - Pressure  |     | 70 l/min / 200 Bar              | 70 l/min / 14 PSI               |
| High-Flow Option (l/min)   |     | 100 l/min                       | 100 l/min                       |
| Drive hydraulic system pressure                                  |     | 420 Bar                         | 29 PSI                          |
| Tank capacities  |     |                                 |                                 |
| Hydraulic oil  |     | 74 l                            | 16.28 gal                       |
| Fuel tank  |     | 95 l                            | 20.9 gal                        |
| Noise and vibration  |     |                                 |                                 |
| Vibration to whole hand/arm                                      |     | < 2.5 m/s²                      | < 2.5 m/s²                      |
| Miscellaneous  |     |                                 |                                 |
| Safety cabin homologation  |     | Cab ROPS - FOPS Level 1         | Cab ROPS - FOPS Level 1         |

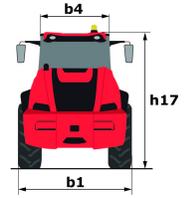
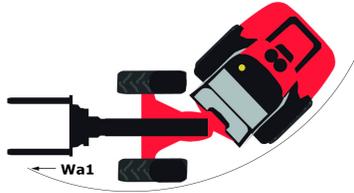
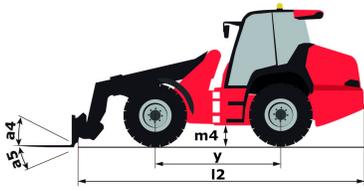
## Options / Finishing

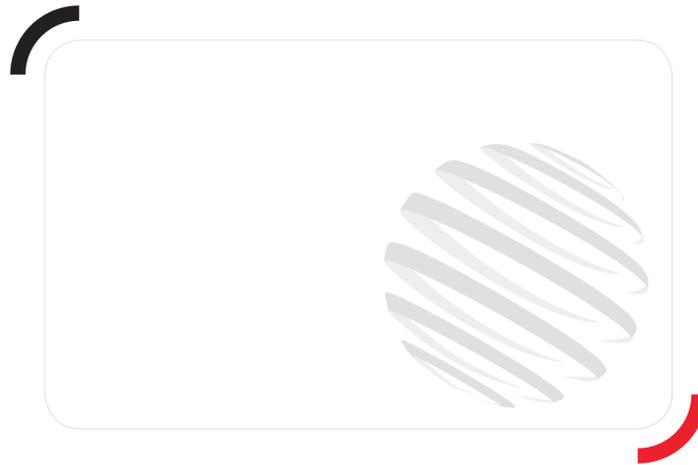
S : Standard / O : Optional / - : Not available

| General | Essential | Classic | Premium | Elite |
|---------|-----------|---------|---------|-------|
|         |           |         |         |       |

|   | Essential | Classic | Premium | Elite |
|---|-----------|---------|---------|-------|
| Self cleaning air prefilter                                   | S         | S       | S       | -     |
| Speed control   | O         | O       | S       | -     |
| Third speed   | O         | O       | S       | -     |
| <b>Comfort</b>  |           |         |         |       |
| Tuner car radio (50 W)  | -         | S       | S       | -     |
| Air suspension seat   | -         | O       | S       | -     |
| Boom suspension   | O         | O       | S       | -     |
| Closed cab with heating                                       | -         | S       | S       | -     |
| Floor mat   | S         | S       | S       | -     |
| Canopy  | S         | -       | -       | -     |
| <b>Hydraulics</b>   |           |         |         |       |
| Hydraulic attachment locking                                  | S         | -       | S       | -     |
| Attachment hydraulic line                                     | S         | S       | S       | -     |
| <b>Electricity / Safety</b>                                   |           |         |         |       |
| Front and rear work lights on cab (x4: 2 front + 2 rear)      | S         | S       | -       | -     |
| Front and rear LED work lights on cab (x4 : 2 front + 2 rear) | O         | O       | S       | -     |
| Flat Led Rotating Beacon                                      | O         | O       | O       | -     |
| Complete road lighting  | O         | S       | S       | -     |
| <b>Cab options</b>  |           |         |         |       |
| Adjustable and telescopic steering column                     | S         | S       | S       | -     |
| Hand throttle   | S         | S       | S       | -     |
| <b>Boom options</b>   |           |         |         |       |
| Continuous flow hydraulics                                    | S         | S       | S       | -     |

# Dimensional drawing





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](http://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: 39,668,399 euros - 857 802 508  
RCS Nantes