

Technical sheet

# ***MLA 5-50 H-Z***

Articulated loaders

---

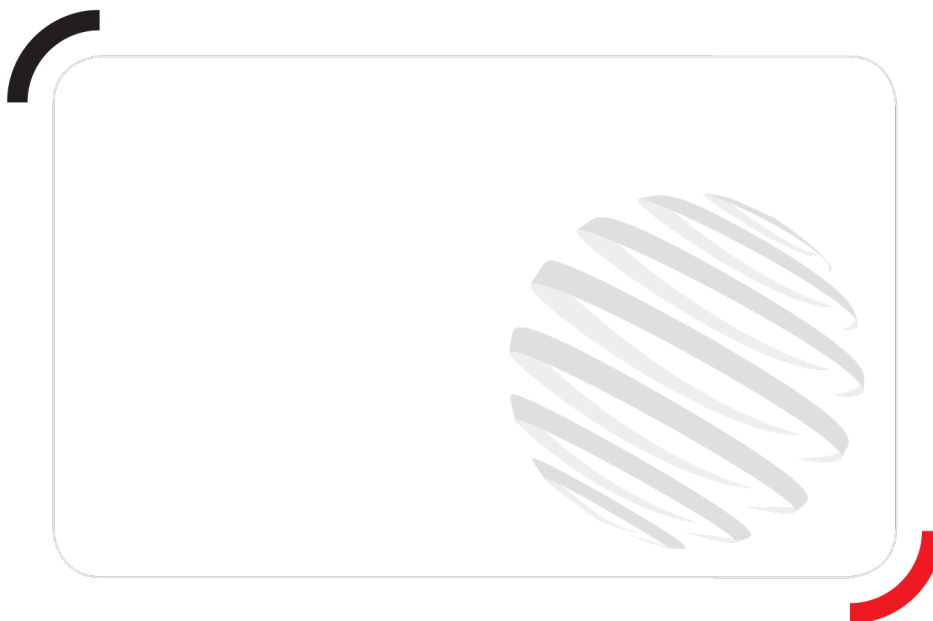
Capacities
Static tipping load with bucket (straight)
Static tipping load with bucket (full turn)
Static tipping load with forks (straight)
Static tipping load with forks (full turn)
h35 - Max. height of bucket pivot point
h3 - Max. lifting height (below forks)
Breakout force with bucket
Weight and dimensions
Unladen weight (with forks) with 2-post canopy
Unladen weight (with forks) with 4-post canopy
Unladen weight (with forks) with cab
m4 - Ground clearance
l2 - Overall length to carriage (with hitch)
y - Wheelbase
b21 - Overall width of 2 posts canopy
b22 - Overall width of 4 posts canopy
b4 - Overall width of cab
b1 - Overall width (over tyres)
h36 - Overall height with FOPS removed and ROPS folded
h37 - Overall height with 2 posts canopy
h38 - Overall height with 4 posts canopy
h17 - Overall height with cab
a4 - Crowd angle
a5 - Dump angle
wa1 - External turning radius (over tyres)
Articulation angle
Standard tyres
Engine
Brand
Environmental norm
Model
Number of cylinders - Cubic capacity
Power
Max. torque
Transmission
Type
Number of Gears (Forward) with standard speed
Number of Gears (Reverse) with standard speed
Number of Gears (Forward) with max. speed
Number of Gears (Reverse) with max. speed
Max. travel speed
Differential lock
Parking brake
Hydraulics
Hydraulic pump type
Hydraulic flow - Pressure
Drive hydraulic system pressure
Tank capacities
Hydraulic oil
Fuel
Noise & vibration
Vibration to whole hand / arm
Miscellaneous
Safety

Metric
2151 kg
1433 kg
1669 kg
1111 kg
3.06 m
2.86 m
4780 daN
3307 kg
3388 kg
3502 kg
0.27 m
3.79 m
1.74 m
1.01 m
1.02 m
1.02 m
1.33 m
1.84 m
2.54 m
2.32 m
2.32 m
45 °
47 °
2.75 m
45 °
Mitas - 15.0x55-17 TR-07
Yanmar
Stage 3A
4TNV88
4 - 2200 cm <sup>3</sup>
47 hp / 35 kW
137.40 Nm at 1680 rpm
Hydrostatic
2
2
2
2
20 km/h
Limited slip differential on front and rear axles
Manual parking brake
Gear pump
57 l/min - 207 bar
410 bar
42 l
68 l
2.5 m/s <sup>2</sup>
Cab ROPS - FOPS Level 1

## Options / Finishing

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

	Essential	Classic	Premium	Elite
<b>General</b>				
Air prefilter	S	S	-	-
Hand throttle	S	S	-	-
<b>Comfort</b>				
Mechanical seat	S	S	-	-
Air suspension seat	-	O	-	-
Tuner car radio	-	S	-	-
Air conditioning	-	O	-	-
Canopy	S	-	-	-
Closed cab with heating	-	S	-	-
Adjustable steering column	S	S	-	-
Floor mat	-	S	-	-
<b>Hydraulic</b>				
Attachment hydraulic locking	O	O	-	-
Easy Connect System (ECS)	S	S	-	-
Continuous flow hydraulics	S	S	-	-
Attachment hydraulic line	S	S	-	-
<b>Electricity / Safety</b>				
Complete road lighting	O	S	-	-
Rotating beacon light	O	O	-	-
Front and rear work lights on cab (x4: 2 front + 2 rear)	S	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](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: 39,547,824 euros - 857 802 508 RCS Nantes