## **Technical sheet**

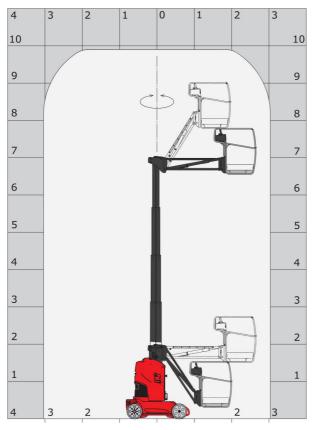
## 100 VJR

Aerial Work Platforms Electric Vertical Mast

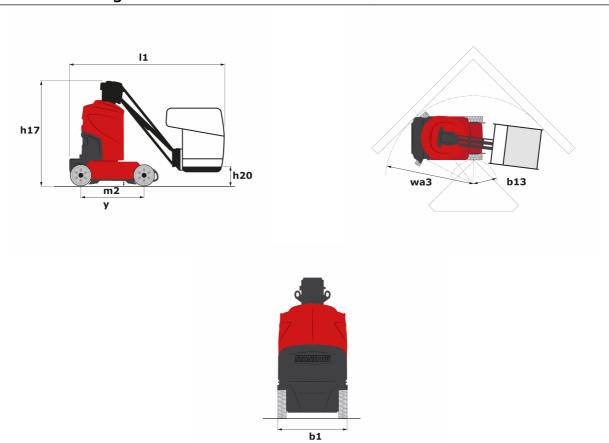




Capacities	Metric
Working height	9.85 m
Platform height	7.85 m
Horizontal outreach	3.15 m
Overhang	6.67 m
Pendular arm rotation (top/bottom)	70 ° / -70 °
Platform capacity	200 kg
Turret rotation	350 °
Number of people (inside/outside)	2/1
Weight and dimensions	
2.1 - Platform weight*	2650 kg
2.2 - Platform dimension (L x I)	1.11 x 0.93 m
b1 - Overall width	0.99 m
1 - Overall length	2.80 m
h17 - Overall height	2 m
h20 - Floor height (access)	0.51 m
a7 - Counterweight offset (turret at 90°)	0.10 m
b13 - Inner turning radius	0.60 m
wa3 - Outer turning radius	2.09 m
m2 - Ground clearance at center of frame	0.10 m
2.16 - Plugs / stability bars ground clearance	0.03 m
y - Wheelbase	1.20 m
Performances	
Travel speed	4.50 km/h
Working speed	0.65 km/h
Gradeability	25 %
Permissible leveling	2 °
Tires	
Type of tires	No Marking
Dimensions	0.4 × 0.125
Drive wheels (front/rear)	0 / 2
Steering wheels (front/rear)	2/0
Braking wheels (front/rear)	0 / 2
Engine	
Electric pump	3 kW
Batteries (C5)	24 V / -
Integrated charger	24 V / 30 Ah
Miscellaneous	
Number of cycles (EARL)	29
Ground pressure	11.80 daN/cm²
Maximum available hydraulic pressure	140 bar
Capacity of hydraulic tank	22



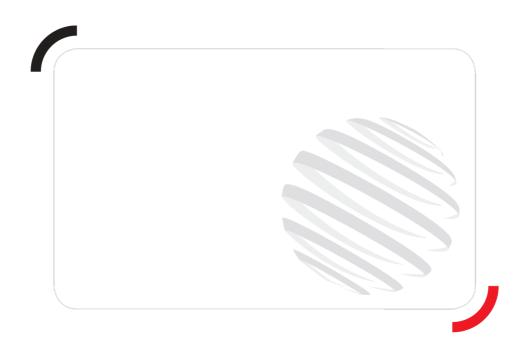
## Dimensional drawing



## Equipment

Working headlight in platform

Standard	
Audible alarm and illuminated indicator lamp (le	eveling, overload, lowering)
Battery charge indicator lamp	
CAN bus technology	
Emergency stop button in platform and on fram	ie
Fixed pothole protection	
Horn in the platform	
Hour meter	
Integrated diagnostic assistance	
Manual emergency lowering	
Multi-voltage integrated charger	
Negative-type braking on rear wheels	
Non-marking rubber tires	
Pendular arm	
Platform with open-work floor	
Proportional controls	
Slinging and securing rings	
Tool box in platform	
Traction battery	
Fork pockets	
Easy Manager	
Optional	
110 or 230V plug with differential circuit-breaker	r
230V Predisposition	
Air predisposition	
Beep on every movement	
Biodegradable oil	
Centralized recharging of battery	
Flashing Light	
Initial verification report before putting into serv	vice
Maintenance-free battery	
Extreme cold oil	
Personalized paintwork	
Safety harness	
SMS : Safe Man System	
•	





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 thisbrochure 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