Technical sheet :

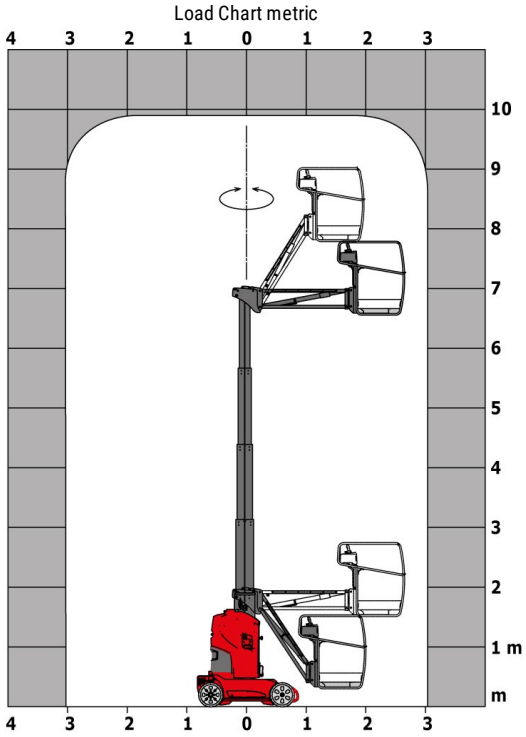
100 VJR

MANITOU
HANDLING YOUR WORLD

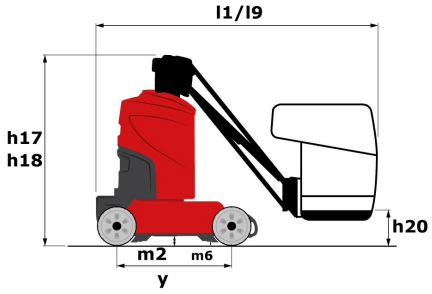
Capacities		Metric
Working height	h21	9.85 m
Platform height	h7	7.85 m
Max. outreach	r1	3.15 m
Overhang	h31	6.67 m
Pendular arm rotation (bottom)		+-70 °
Platform capacity	Q	200 kg
Turret rotation		350 °
Number of people (inside / outside)		2 / 1
Weight and dimensions		
Platform weight*		2650 kg
Platform dimensions (length x width)	lp / ep	1.11 m x 0.93 m
Overall width	b1	0.99 m
Overall length	l1	2.80 m
Overall height	h17	1.99 m
Floor height (access)	h20	0.51 m
Jib length	l13	1.50 m
Counterweight offset (turret at 90°)	a7	0.09 m
Internal turning radius (over tyres)	b13	0.59 m
External turning radius	Wa3	2.09 m
Plugs / stability bars ground clearance	m6	0.02 m
Ground clearance at centre of wheelbase	m2	0.09 m
Wheelbase	y	1.20 m
Performances		
Drive speed - stowed		5 km/h
Drive speed - raised		0.65 km/h
Gradeability		25 %
Permissible leveling		2 °
Wheels		
Tyres type		Solid non-marking tires
Dimensions of front wheels / rear wheels		0.41 x 0.13m - 0.41 x 0.13m
Drive wheels (front / rear)		0 / 2
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Electric engine power rating		2 x 1.50 kW
Number of hydraulic pump / Capacity of hydraulic pump		2 x 4.20 cm³
Battery / Batteries capacity		24 V / 250 Ah
Integrated charger (V / A)		24 V / 30 A
Miscellaneous		
Number of cycles with STD Battery (HIRD)		29
Ground Pressure		11.80 daN/cm²
Hydraulic Pressure		140 Bar
Hydraulic tank capacity		22 l
Vibration on hands/arms		< 2.50 m/s²
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

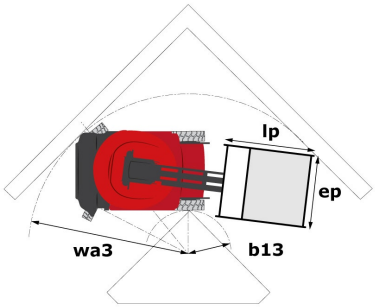
*Varies according to options and standards of the country to which the machine is delivered

Load chart



Dimensional drawing





Equipment

Standard
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Battery charge indicator lamp
CAN bus technology
Emergency stop button in platform and on frame
Fixed pothole protection
Fork pockets
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 tyres
Pendular arm
Platform with open-work floor
Proportional controls
Slinging and securing rings
Tool box in platform
Traction battery

Optional
110 or 230V plug with differential circuit breaker
230V Predisposition
Air predisposition
Beep on every movement
Biodegradable oil
Centralized recharging of battery
Extreme cold oil
Flashing Light
Maintenance-free battery
Personalized paintwork
SMS : Safe Man System
Safety harness
Working headlight in platform

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: 39,668,399 euros - 857 802 508 RCS Nantes