Technical sheet:

# **100 VJR**





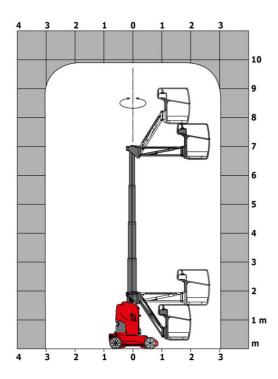


	100 VJR C	reated on December 1, 2025 at 4:41 PM UTC
Capacities		Metric
Working height	h21	9.85 m
Platform height	h7	7.90 m
Maximum outreach		3.10 m
Overhang		6.50 m
Pendular arm rotation (top / bottom)		+58 ° / -56 °
Platform capacity	Q	200 kg
Turret rotation		350 °
Number of people (indoor / outdoor)		2 / 1
Weight and dimensions		
Platform weight*		2820 kg
Platform dimensions (length x width)	lp / ep	1.19 m x 0.93 m
Floor height (access)	h20	0.46 m
Overall length	I1	2.80 m
Overall width	b1	0.99 m
Overall height	h17	1.99 m
Jib length	113	1.45 m
Counterweight offset (turret at 90°)	a7	0.09 m
External turning radius	Wa3	2.02 m
Ground clearance under pothole protection	m6	0.03 m
Ground clearance at centre of wheelbase	m2	0.09 m
Wheelbase	у	1.20 m
Performances	,	1.20 111
Drive speed - stowed		5 km/h
Drive speed - raised		0.65 km/h
Gradeability		25 %
Permissible leveling		2 °
Wheels		_
Tires type		Non marking cushion
Standard tires		16.5-11 1/4 / 406 x 127 mm
Drive wheels (front / rear)		0 / 2
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		0 / 2
Engine/Battery		0 / 2
Drive motor power rating		2 x 0.77 kW
Lift motor power		3 kW
Number of hydraulic pump / Capacity of hydraulic pump		2 x 3.75 cm³
Battery voltage		24 V
Battery capacity		250 Ah
On-board charger (V / A)		24 V / 30 A
Miscellaneous		24 V / 30 A
Number of cycles with STD Battery (HIRD)		29
Ground Pressure		11.80 dan/cm2
Hydraulic Pressure		140 bar
,		22 l
Hydraulic tank capacity  Vibration on hands (arms)		< 0.50 m/s <sup>2</sup>
Vibration on hands/arms Standards compliance		< 0.50 III/S*
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019

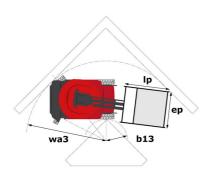
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered

## 100 VJR - Load chart

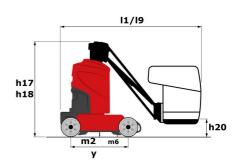
### Load Chart for MEWP Metric



100 VJR - Dimensional drawing



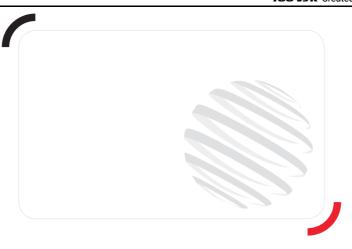




# **Equipment**

### Audible alarm and illuminated indicator lamp (leveling, overload, lowering) CAN bus technology Easy Link with 2 year Service Emergency stop button in platform and on frame Fixed pothole protection Fork pockets Horn in the platform Manual emergency lowering Multi-function smartview display Multi-voltage integrated charger Negative-type braking on rear wheels Non-marking rubber tyres Pendular arm Platform with open-work floor Proportional controls Secondary Protection System (SPS) Slinging and securing rings Tool box in platform Traction battery

Optional	
110 or 230V plug with differential circuit breaker	
Audio warning on all motion	
Audio warning on descent	
Audio warning on movement	
Basket with hinged doors	
Biodegradable hydraulic oil - Grade 32	
Centralized filling of the battery	
Cold weather protection oil	
Easy Link - With access control keypad	
Easy link with remote lock	
LED amber strobe light on the basket	
LED strobe light on the turret	
Maintenance-free battery	
Personalized paintwork	
Pre fitting electric supply IP65	
Protective cover for control panel	
Safety harness reminder indicator	
Safety kit - Harness + helmet	
Turret orientation information	
Working light (x1) on basket	





#### **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



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