Technical sheet :







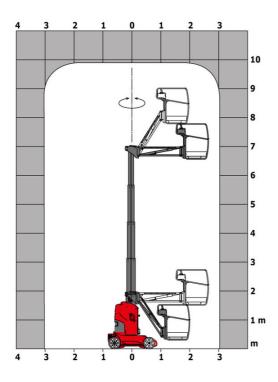
Treated on April 26, 2024 at 7:52:12 AM UTC

		100 038 (Jreated on April 26, 2024 at 7:52:12 AM UTC
Capacities		Metric	Imperial
Working height	h21	9.85 m	32 ft 4 in
Floor height (access)	h20	0.51 m	1 ft 8 in
Platform height	h7	7.85 m	25 ft 9 in
Max. outreach		3.15 m	10 ft 4 in
Overhang		6.67 m	21 ft 11 in
Pendular arm rotation (bottom)		+-70 °	+-70 °
Platform capacity	Q	200 kg	441 lb
Turret rotation		350 °	350 °
Number of people (indoor / outdoor)		2 / 1	2 / 1
Weight and dimensions			
Platform weight*		2650 kg	5842 lb
Platform dimensions (length x width)	lp / ep	1.11 m x 0.93 m	3 ft 8 in x 3 ft 1 in
Overall length	11	2.80 m	9 ft 2 in
Overall width	b1	0.99 m	3 ft 3 in
Overall height	h17	1.99 m	6 ft 6 in
Jib length	113	1.50 m	4 ft 11 in
Counterweight offset (turret at 90°)	a7	0.09 m	4 in
Counterweight Oversize / Reach	-	0.09 m	4 in
External turning radius	Wa3	2.09 m	6 ft 10 in
Ground clearance under pothole protection	m6	0.02 m	1 in
Ground clearance at centre of wheelbase	m2	0.09 m	4 in
Wheelbase	у	1.20 m	3 ft 11 in
Performances	,		
Drive speed - stowed		5 km/h	3 mph
Drive speed - raised		0.65 km/h	0.40 mph
Gradeability		25 %	25 %
Permissible leveling		2 °	2°
Wheels			_
Tires type		Solid non-marking tires	Solid non-marking tires
Standard tires		406 x 127 mm	406 x 127 mm
Drive wheels (front / rear)		0/2	0 / 2
Steering wheels (front / rear)		2/0	2 / 0
Braking wheels (front / rear)		0 / 2	0 / 2
Engine/Battery		072	072
Electric engine power rating		2 x 1.50 kW	2 x 1.50 kW
Number of hydraulic pump / Capacity of hydraulic pump		2 x 4.20 cm ³	2 x 1.30 kW 2 x 0.26 in ³
Battery voltage		24 V	24 V
Battery capacity		24 V 250 Ah	24 V 250 Ah
Integrated charger / charger		230 All 24 V / 30 A	24 V / 30 A
Miscellaneous		24 V / 30 A	24 V / 30 A
Number of cycles with STD Battery (HIRD)		29	29
			171 PSI
Ground Pressure		11.80 dan/cm2	
Hydraulic Pressure		140 bar	2031 PSI
Hydraulic tank capacity		22	6 US gal
Vibration on hands/arms		< 2.50 m/s ²	< 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)	European directives: 2006/42/EC-Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

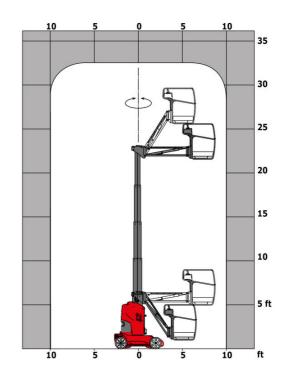
 $\ensuremath{^{\ast}}\xspace$ varies according to options and standards of the country to which the machine is delivered

100 VJR - Load chart

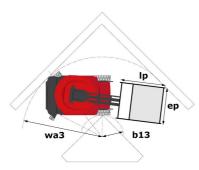
Load Chart for MEWP Metric



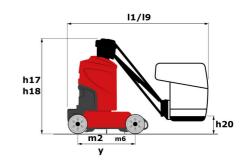
Load Chart for MEWP (Imperial)



100 VJR - 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
Hom 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
Audio warning on all motion
Biodegradable oil
Cold weather protection oil
Lights
Maintenance-free battery
Personalized paintwork
SMS : Safe Man System
Safety hamess
Working headlight in platform



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