

Technical sheet :

100 VJR



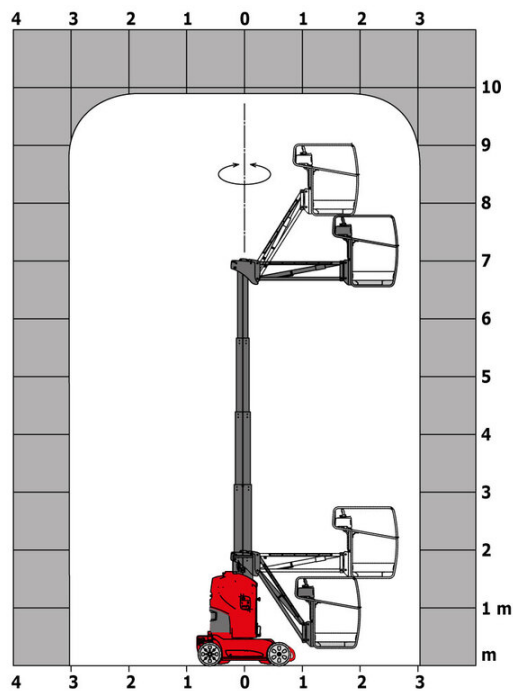
 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|-------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------|
| Working height | h21 | 9.85 m |
| Floor height (access) | h20 | 0.51 m |
| Platform height | h7 | 7.85 m |
| Max. outreach | | 3.15 m |
| Overhang | | 6.67 m |
| Pendular arm rotation (bottom) | | +70 ° |
| Platform capacity | Q | 200 kg |
| Turret rotation | | 350 ° |
| Number of people (indoor / outdoor) | | 2 / 1 |
| Weight and dimensions | | |
| Platform weight* | | 2650 kg |
| Platform dimensions (length x width) | lp / ep | 1.11 m x 0.93 m |
| Overall length | l1 | 2.80 m |
| Overall width | b1 | 0.99 m |
| Overall height | h17 | 1.99 m |
| Jib length | l13 | 1.50 m |
| Counterweight offset (turret at 90°) | a7 | 0.09 m |
| Counterweight Oversize / Reach | | 0.09 m |
| External turning radius | Wa3 | 2.09 m |
| Ground clearance under pothole protection | 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 | | |
| Tires type | | Solid non-marking tires |
| Standard tires | | 406 x 127 mm |
| 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 voltage | | 24 V |
| Battery capacity | | 250 Ah |
| Integrated charger / charger | | 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) |

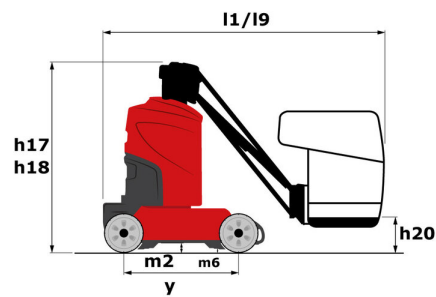
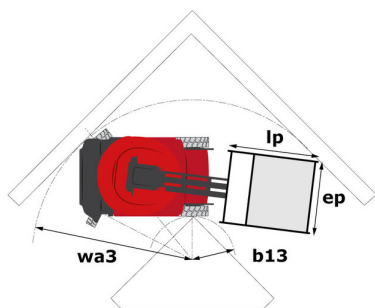
*Varies according to options and standards of the country to which the machine is delivered

100 VJR - Load chart

Load Chart for MEWP Metric



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

Slings 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 harness

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