Technical sheet :







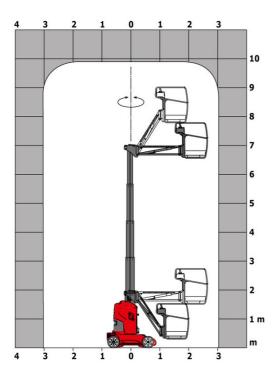


|  | 100 VJR Creat | עע ססד Created on August 15, 2025 at 11:16 AM U   |  |
|--|---------------|---|--|
| Capacities   |               | Metric  |  |
| lorking height                                       | h21           | 9.90 m  |  |
| atform height  | h7            | 7.90 m  |  |
| aximum outreach                                      |               | 3.10 m  |  |
| verhang  |               | 6.56 m  |  |
| endular arm rotation (top / bottom)                  |               | +58 ° / -56 °   |  |
| atform capacity                                      | Q             | 200 kg  |  |
| Irret rotation                                       |               | 350 °   |  |
| umber of people (indoor / outdoor)                   |               | 2 / 1   |  |
| eight and dimensions                                 |               | -7 -  |  |
| atform weight*                                       |               | 2820 kg   |  |
| atform dimensions (length x width)                   | lp / ep       | 1.19 m x 0.93 m   |  |
| por height (access)                                  | h20           | 0.46 m  |  |
| erall length   | 11            | 2.80 m  |  |
| erall width  | b1            | 0.99 m  |  |
|  |               |   |  |
| rerall height<br>b length                            | h17           | 1.99 m<br>1.45 m  |  |
| -  | 113           |   |  |
| bunterweight offset (turret at 90°)                  | a7            | 0.09 m  |  |
| ternal turning radius                                | Wa3           | 2.02 m  |  |
| ound clearance under pothole protection              | m6            | 0.03 m  |  |
| ound clearance at centre of wheelbase                | m2            | 0.09 m  |  |
| heelbase   | у             | 1.20 m  |  |
| informances  |               |   |  |
| ive speed - stowed                                   |               | 5 km/h  |  |
| ive speed - raised                                   |               | 0.65 km/h   |  |
| adeability   |               | 25 %  |  |
| rmissible leveling                                   |               | 2 °   |  |
| heels  |               |   |  |
| res type   |               | Non marking   |  |
| andard tires   |               | 16.5-11 1/4 / 406 x 127 mm  |  |
| ive wheels (front / rear)                            |               | 0 / 2   |  |
| eering wheels (front / rear)                         |               | 2 / 0   |  |
| aking wheels (front / rear)                          |               | 0 / 2   |  |
| igine/Battery  |               |   |  |
| ectric engine power rating                           |               | 2 x 0.77 kW   |  |
| ft motor power                                       |               | 3 kW  |  |
| Imber of hydraulic pump / Capacity of hydraulic pump |               | 2 x 3.75 cm <sup>3</sup>  |  |
| ttery voltage  |               | 24 V  |  |
| ttery capacity                                       |               | 250 Ah  |  |
| h-board charger (V / A)                              |               | 24 V / 30 A   |  |
| iscellaneous   |               |   |  |
| Imber of cycles with STD Battery (HIRD)              |               | 29  |  |
| ound Pressure  |               | 11.80 dan/cm2   |  |
| /draulic Pressure                                    |               | 140 bar   |  |
| reasure ressure                                      |               | 22  |  |
| bration on hands/arms                                |               | < 0.50 m/s <sup>2</sup>   |  |
| andards compliance                                   |               |   |  |
| and a compliance with:                               | (r            | European directives: 2006/42/EC- Machinery<br>evised EN280-1:2022) - 2004/108/EC (EMC) - E<br>according to EN 12895 / 2015 +A1 / 2019 |  |

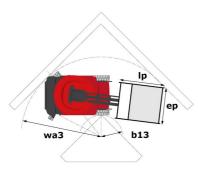
\*Varies according to options and standards of the country to which the machine is delivered

## 100 VJR - Load chart

## Load Chart for MEWP Metric



## 100 VJR - Dimensional drawing







# Equipment

#### Standard

| Audible alarm and illuminated indicator lamp (leveling, overload, lowering) |
|---|
| CAN bus technology  |
| Easy Link with 2 year Service   |
| Emergency stop button in platform and on frame                              |
| Fixed pothole protection  |
| Fork pockets  |
| Hom 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                          |
| 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 - Hamess + 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