

Ficha técnica :

# 100 VJR

OXYGEN  
by MANITOU



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities  |         | Métrico  |
|---|---------|--|
| Working height  | h21     | 9.85 m   |
| Platform height                                       | h7      | 7.85 m   |
| Max. outreach   |         | 3.15 m   |
| Overhang  |         | 6.67 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*                                      |         | 2650 kg  |
| Platform dimensions (length x width)                  | lp / ep | 1.11 m x 0.93 m  |
| Floor height (access)                                 | h20     | 0.51 m   |
| Overall length  | l1      | 2.80 m   |
| Overall width   | b1      | 0.99 m   |
| Overall height  | h17     | 1.99 m   |
| Jib length  | l13     | 1.45 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      | 0.03 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 cm <sup>3</sup>   |
| Battery voltage                                       |         | 24 V   |
| Battery capacity                                      |         | 250 Ah   |
| On-board charger (V / A)                              |         | 24 V / 30 A  |
| Miscellaneous   |         |  |
| Number of cycles with STD Battery (HIRD)              |         | 29   |
| Ground Pressure                                       |         | 11.80 dan/cm <sup>2</sup>  |
| Hydraulic Pressure                                    |         | 140 bar  |
| Hydraulic tank capacity                               |         | 22 l   |
| Vibration on hands/arms                               |         | < 0.50 m/s <sup>2</sup>  |
| 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 - Diagramas de carga

Load Chart for MEWP Metric



# 100 VJR - Diagrama dimensional



# Equipamiento

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## Estándar

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

## Opcional

110 or 230V plug with differential circuit breaker

230V Predisposition

Audio warning on all motion

Biodegradable oil

Cold weather protection oil

Easy Link - With access control keypad

Easy link with remote lock

Lights

Maintenance-free battery

Personalized paintwork

SMS : Safe Man System

Safety harness

Working headlight in platform



**Oficina Central**

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - Francia

Tel.: 00 33 (0)2 40 09 10 11 - Fax: 00 33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



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