

Technical sheet :

100 VJR AUS

OXYGEN
by MANITOU



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|---------|---|
| Working height | h21 | 9.85 m |
| Platform height | h7 | 7.85 m |
| Maximum 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 | | Non marking cushion |
| Standard tires | | 16 x 5 |
| Drive wheels (front / rear) | | 0 / 2 |
| Steering wheels (front / rear) | | 2 / 0 |
| Braking wheels (front / rear) | | 0 / 2 |
| Engine/Battery | | |
| Drive motor power rating | | 2 x 1.50 kW |
| Number of hydraulic pump / Capacity of hydraulic pump | | 2 x 4.20 cm ³ |
| 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 ² |
| Hydraulic Pressure | | 140 bar |
| Hydraulic tank capacity | | 22 l |
| Vibration on hands/arms | | < 0.50 m/s ² |
| Standards compliance | | |
| This machine is in compliance with: | | European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) |

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

100 VJR AUS - Load chart

Load Chart for MEWP Metric



100 VJR AUS - Dimensional drawing



Equipment

Standard

Additional foot-operated horn
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
Hour meter
Integrated diagnostic assistance
Manual emergency lowering
Multi-voltage onboard charger - 48V - 35A - ZIVAN - Gel - Single-phase
Negative-type braking on rear wheels
Non-marking rubber tyres
Pendular arm
Platform with open-work floor
Proportional controls
Slings and securing rings
Toolbox
Traction battery

Optional

Biodegradable oil
Charger plug - 110V - 16A - United Kingdom (G) type
Cold weather protection oil
Electrical pre-fitting - 230V
Lights
Maintenance-free battery
Personalized paintwork
Safe Man System (SMS)
Safety harness
Working headlight in platform



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