

Technical sheet :

80 VJR

OXYGEN
by MANITOU



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|---------|---|
| Working height | h21 | 7.65 m |
| Platform height | h7 | 5.65 m |
| Maximum outreach | | 3.20 m |
| Overhang | | 4.12 m |
| Pendular arm rotation (top / bottom) | | +62 ° / 51 ° |
| Platform capacity | Q | 200 kg |
| Turret rotation | | 350 ° |
| Number of people (indoor / outdoor) | | 2 / 1 |
| Weight and dimensions | | |
| Platform weight* | | 2410 kg |
| Platform dimensions (length x width) | lp / ep | 1.19 m x 0.93 m |
| Floor height (access) | h20 | 0.41 m |
| Overall length | l1 | 2.90 m |
| Overall width | b1 | 0.99 m |
| Overall height | h17 | 1.99 m |
| Jib length | l13 | 1.61 m |
| Counterweight offset (turret at 90°) | a7 | 0.09 m |
| External turning radius | Wa3 | 2.10 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 | | 4.50 km/h |
| Drive speed - raised | | 0.65 km/h |
| Gradeability | | 25 % |
| Permissible leveling | | 2 ° |
| Wheels | | |
| Tires type | | Non marking cushion |
| Standard tires | | 16.5-11 1/4 / 406 x 127 mm |
| 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 0.77 kW |
| Lift motor power | | 3 kW |
| Number of hydraulic pump / Capacity of hydraulic pump | | 2 x 3.75 cm³ |
| 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) | | 32 |
| Ground Pressure | | 10.50 daN/cm2 |
| Hydraulic Pressure | | 140 bar |
| Hydraulic tank capacity | | 22 l |
| Noise to environment (LwA) | | < 70 dB |
| Vibration on hands/arms | | < 0.50 m/s² |
| Standards compliance | | |
| This machine is in compliance with: | | European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019 |

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

80 VJR - Load chart

Load Chart for MEWP Metric



80 VJR - Dimensional drawing



Equipment

Standard

Additional foot-operated hom

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

Manual emergency lowering

Multi-function smartview display

Multi-voltage onboard charger - 48V - 35A - ZIVAN - Gel - Single-phase

Negative-type braking on rear wheels

Non-marking rubber tyres

Pendular arm

Proportional controls

Secondary Protection System (SPS)

Slinging and securing rings

Toolbox

Traction battery

Travel possible at maximum height

lace floor basket

Optional

Audio warning on all motion

Audio warning on all motion

Audio warning on descent

Basket controls protection

Basket with hinged doors

Biodegradable hydraulic oil - Grade 32

Central filling system

Charger plug - 110V - 16A - United Kingdom (G) type

Cold weather protection oil

Easy Link - With access control keypad

Easy Link - With remote lock

Electrical pre-fitting - 230V - With IP65 reel

Harness detection with a warning light

LED amber strobe light on the basket

LED strobe light on the turret

LED work light - On basket

Maintenance-free battery

Personalized paintwork

Safety kit - Helmet and harness

Turret orientation detection



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