

Technical sheet :

80 VJR



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|---------|--|
| Working height | h21 | 7.65 m |
| Floor height (access) | h20 | 0.47 m |
| Platform height | h7 | 5.65 m |
| Max. outreach | | 3.24 m |
| Overhang | | 4.23 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* | | 2250 kg |
| Platform dimensions (length x width) | lp / ep | 1.11 m x 0.93 m |
| Overall length | l1 | 2.95 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 | | 0.10 m |
| External turning radius | Wa3 | 2.09 m |
| Ground clearance with pothole guards deployed | m6 | 0.02 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 | | Solid non-marking tires |
| Standard tires | | 410 x 130 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 |
| Electric Pump | | 3 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) | | 32 |
| Ground Pressure | | 11.10 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

80 VJR - Load chart



80 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 |
| Hour meter |
| Integrated charger |
| Integrated diagnostic assistance |
| Manual emergency lowering |
| Negative-type braking on rear wheels |
| Non-marking rubber tyres |
| Pendular arm |
| Proportional controls |
| Slinging and securing rings |
| Tool box in platform |
| Traction battery |
| lace floor basket |

| Optional |
|--|
| 110 or 230V plug with differential circuit breaker |
| 230V Predisposition |
| Biodegradable oil |
| Cold weather protection oil |
| Lights |
| Maintenance-free battery |
| Personalized paintwork |
| SMS : Safe Man System |
| Safety harness |
| Working light |



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