

Technical sheet :

# 80 VJR

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| 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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