

Technical sheet :

# 100 VJR

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| Capacities                                            |         | Metric                                                                                                         |
|-------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------|
| Working height                                        | h21     | 9.85 m                                                                                                         |
| Floor height (access)                                 | h20     | 0.51 m                                                                                                         |
| Platform height                                       | h7      | 7.85 m                                                                                                         |
| Max. outreach                                         |         | 3.15 m                                                                                                         |
| Overhang                                              |         | 6.67 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*                                      |         | 2650 kg                                                                                                        |
| Platform dimensions (length x width)                  | lp / ep | 1.11 m x 0.93 m                                                                                                |
| Overall length                                        | l1      | 2.80 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                        |         | 0.09 m                                                                                                         |
| External turning radius                               | Wa3     | 2.09 m                                                                                                         |
| Ground clearance under pothole protection             | m6      | 0.02 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 cm³                                                                                                   |
| Battery voltage                                       |         | 24 V                                                                                                           |
| Battery capacity                                      |         | 250 Ah                                                                                                         |
| Integrated charger / charger                          |         | 24 V / 30 A                                                                                                    |
| Miscellaneous                                         |         |                                                                                                                |
| Number of cycles with STD Battery (HIRD)              |         | 29                                                                                                             |
| Ground Pressure                                       |         | 11.80 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

100 VJR - Load chart

Load Chart for MEWP Metric



100 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                                                                |
| 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                                                       |
| Slinging and securing rings                                                 |
| Tool box in platform                                                        |
| Traction battery                                                            |

| Optional                                           |
|----------------------------------------------------|
| 110 or 230V plug with differential circuit breaker |
| 230V Predisposition                                |
| Audio warning on all motion                        |
| Biodegradable oil                                  |
| Cold weather protection oil                        |
| Lights                                             |
| Maintenance-free battery                           |
| Personalized paintwork                             |
| SMS : Safe Man System                              |
| Safety harness                                     |
| Working headlight in platform                      |



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