

Technical sheet :

# **120 AETJ-C 3D**

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| Capacities                                    |         | Metric                  |
|---|---------|-------------------------|
| Working height                                | h21     | 11.95 m                 |
| Floor height (access)                         | h20     | 0.40 m                  |
| Platform height                               | h7      | 9.95 m                  |
| Max. outreach                                 |         | 7 m                     |
| Overhang                                      |         | 6.40 m                  |
| Pendular arm rotation (left / right)          |         | 70 ° / 70 °             |
| Pendular arm rotation (top / bottom)          |         | +70 ° / -70 °           |
| Platform capacity                             | Q       | 200 kg                  |
| Turret rotation                               |         | 360 °                   |
| Platform rotation (right / left)              |         | 66 ° / 59 °             |
| Number of people (indoor / outdoor)           |         | 2 / 2                   |
| Weight and dimensions                         |         |                         |
| Platform weight*                              |         | 6660 kg                 |
| Platform dimensions (length x width)          | lp / ep | 1.20 m x 0.92 m         |
| Overall length                                | l1      | 5.48 m                  |
| Overall width                                 | b1      | 1.20 m                  |
| Overall height                                | h17     | 1.99 m                  |
| Overall length (stowed)                       | l9      | 3.74 m                  |
| Overall height (stowed)                       | h18     | 2.16 m                  |
| Jib length                                    | l13     | 1.26 m                  |
| Counterweight offset (turret at 90°)          | a7      | 0.23 m                  |
| External turning radius                       | Wa3     | 3.34 m                  |
| Ground clearance with pothole guards deployed | m6      | 0.02 m                  |
| Ground clearance at centre of wheelbase       | m2      | 0.10 m                  |
| Wheelbase                                     | y       | 1.65 m                  |
| Performances                                  |         |                         |
| Drive speed - stowed                          |         | 6 km/h                  |
| Drive speed - raised                          |         | 0.60 km/h               |
| Gradeability                                  |         | 25 %                    |
| Permissible leveling                          |         | 3 °                     |
| Wheels  |         |                         |
| Tires type                                    |         | Solid non-marking tires |
| Standard tires                                |         | 600 x 190 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 4.50 kW             |
| Electric Pump                                 |         | 3.70 kW                 |
| Battery voltage                               |         | 48 V                    |
| Battery nominal voltage / capacity            |         | 48 V / 240 Ah           |
| Battery energy                                |         | 11 kWh                  |
| Integrated charger / charger                  |         | 48 V / 30 A             |
| Miscellaneous                                 |         |                         |
| Number of cycles with STD Battery (HIRD)      |         | 60                      |
| Ground Pressure                               |         | 20 dan/cm2              |
| Hydraulic Pressure                            |         | 200 bar                 |
| Hydraulic oil tank capacity                   |         | 18 l                    |
| Vibration on hands/arms                       |         | < 2.50 m/s²             |

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

120 AETJ-C 3D - Load chart

Load Chart metric



120 AETJ-C 3D - Dimensional drawing



# Equipment

| Standard  |
|---|
| 230V Predisposition   |
| 3D  |
| Audible alarm and illuminated indicator lamp (leveling, overload, lowering) |
| Battery charge indicator lamp   |
| CAN bus technology  |
| Easy Manager  |
| Emergency stop button in platform and on frame                              |
| Horn 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 mesh floor  |
| Pothole protection with automatic operation                                 |
| Proportional controls   |
| Slings and securing rings   |
| Tool box in platform  |
| Traction battery  |

| Optional   |
|--|
| 110 or 230V plug with differential circuit breaker |
| Biodegradable oil                                  |
| Cold weather protection oil                        |
| Highly capacity battery                            |
| Lights   |
| Maintenance-free battery                           |
| Personalized paintwork                             |
| Protective cover for control panel                 |
| SMS : Safe Man System                              |
| Safety harness                                     |
| Water predisposition                               |
| Working headlight in platform                      |



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