

Technical sheet :

120 AETJ-C 3D



 **MANITOU**
HANDLING YOUR WORLD

| 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 |

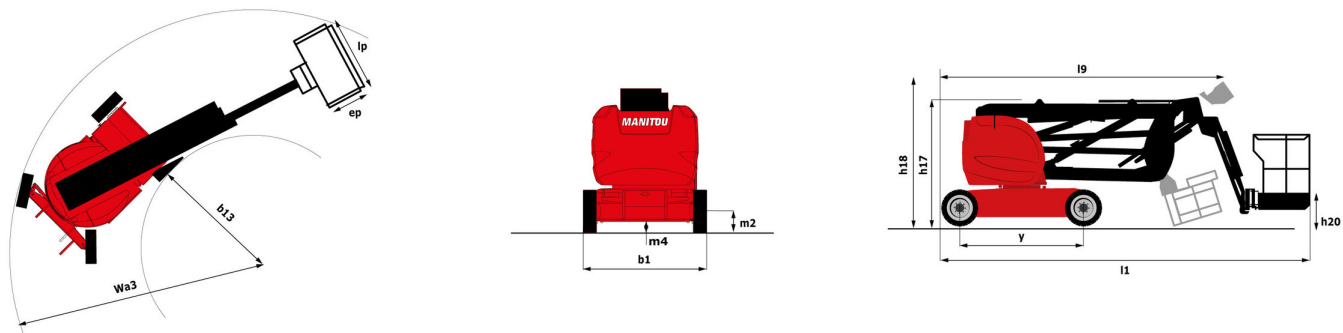
*Varies according to options and standards of the country to which the machine is delivered

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 |
| Sliding 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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