

Technical sheet :

# 120 AETJ-C

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OXYGEN  
by MANITOU



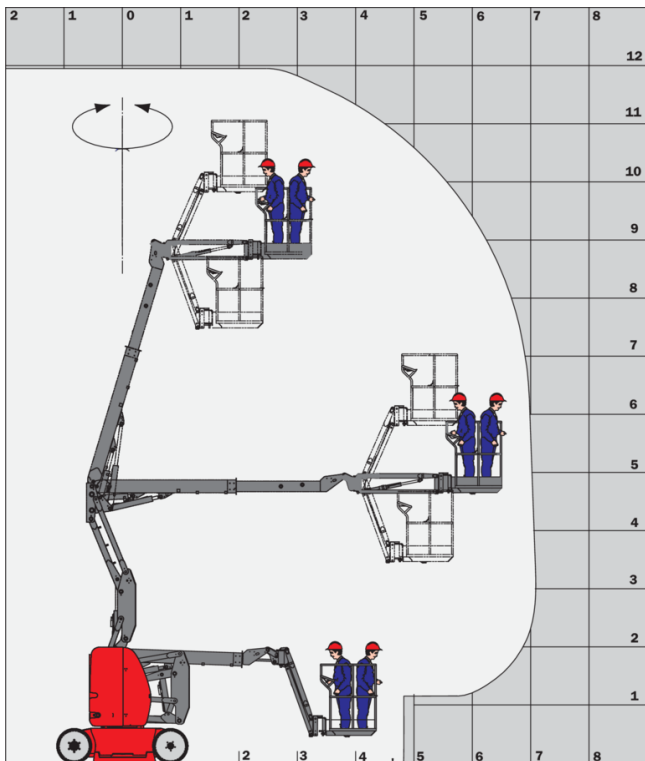
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| Capacities                                    |         | Metric                  |
|---|---------|-------------------------|
| Working height                                | h21     | 11.95 m                 |
| Floor height (access)                         | 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                               |         | 355 °                   |
| 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 90Å°)         | 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 |
| 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 capacity                              |         | 240 Ah                  |
| Battery energy                                |         | 11 kWh                  |
| On-board charger (V / A)                      |         | 48 V / 30 A             |
| Miscellaneous                                 |         |                         |
| Number of cycles with STD Battery (HIRD)      |         | 60                      |
| Ground Pressure                               |         | 20 dan/cm2              |
| Hydraulic Pressure                            |         | 200 bar                 |
| Hydraulic tank capacity                       |         | 18 l                    |
| Vibration on hands/arms                       |         | < 2.50 m/s <sup>2</sup> |

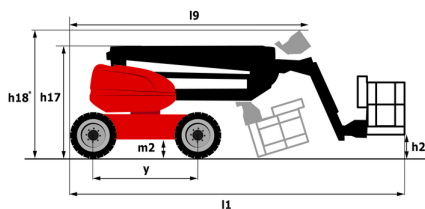
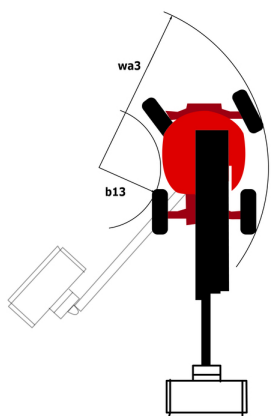
\*Varies according to options and standards of the country to which the machine is delivered

# 120 AETJ-C - Load chart

Load Chart metric



# 120 AETJ-C - Dimensional drawing



# Equipment

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## Standard

230V Predisposition  
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  
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 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  
3D  
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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