

Technical sheet :

170 AETJ-L



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|--|---------|--|
| Working height | h21 | 16.90 m |
| Floor height (access) | h20 | 0.40 m |
| Platform height | h7 | 14.90 m |
| Max. outreach | | 9.43 m |
| Overhang | | 7 m |
| Pendular arm rotation (top / bottom) | | +65 ° / -65 ° |
| 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* | | 6950 kg |
| Platform dimensions (length x width) | lp / ep | 1.20 m x 0.92 m |
| Overall length | l1 | 6.84 m |
| Overall width | b1 | 1.75 m |
| Overall height | h17 | 1.97 m |
| Overall length (stowed) | l9 | 5.12 m |
| Overall height (stowed) | h18 | 2.04 m |
| Jib length | l13 | 1.26 m |
| Counterweight offset (turret at 90°) | a7 | 0.08 m |
| Counterweight Oversize / Reach | | 0.08 m |
| External turning radius | Wa3 | 4.30 m |
| Ground clearance at centre of wheelbase | m2 | 0.14 m |
| Wheelbase | y | 2 m |
| Performances | | |
| Drive speed - stowed | | 5 km/h |
| Drive speed - raised | | 0.60 km/h |
| Gradeability | | 22 % |
| Permissible leveling | | 3 ° |
| Wheels | | |
| Tires type | | Solid non-marking tires |
| Standard tires | | 24 x 7.5 in / 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) | | 46 |
| Ground Pressure | | 16.60 dan/cm2 |
| Hydraulic Pressure | | 210 bar |
| Hydraulic tank capacity | | 15 l |
| Vibration on hands/arms | | < 0.66 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

170 AETJ-L - Load chart

Load Chart metric



170 AETJ-L - Dimensional drawing



Equipment

| Standard |
|---|
| 230V Predisposition |
| Audible alarm and illuminated indicator lamp (leveling, overload, lowering) |
| Battery charge indicator lamp |
| CAN bus technology |
| 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 open-work floor |
| Proportional controls |
| Slinging and securing rings |
| Tool box in platform |
| Traction battery |
| Travel possible at maximum height |

| Optional |
|--|
| 110 or 230V plug with differential circuit breaker |
| Biodegradable oil |
| Cold weather kit |
| 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 |



Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



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