Technical sheet:

170 AETJ-L BI





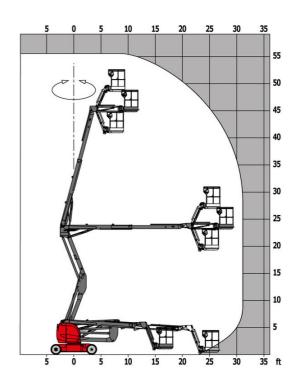
| apacities | | Metric | Imperial |
|---|---------|--|---|
| orking height | h21 | 17.03 m | 55 ft 10 in |
| atform height | h7 | 15.03 m | 49 ft 4 in |
| aximum outreach | | 9.43 m | 30 ft 11 in |
| verhang | | 7.27 m | 23 ft 10 in |
| endular arm rotation (top / bottom) | | +62 ° / -59 ° | +62 ° / -59 ° |
| atform capacity | Q | 230 kg | 507 lb |
| urret rotation | | 355 ° | 355 ° |
| atform rotation (right / left) | | 70 ° / 70 ° | 70 ° / 70 ° |
| umber of people (indoor / outdoor) | | 2/2 | 2/2 |
| eight and dimensions | | | |
| atform weight* | | 7435 kg | 16391 lb |
| atform dimensions (length x width) | lp / ep | 1.20 m x 0.92 m | 3 ft 11 in x 3 ft |
| oor height (access) | h20 | 0.40 m | 1 ft 4 in |
| verall length | I1 | 6.99 m | 22 ft 11 in |
| verall width | b1 | 1.91 m | 6 ft 3 in |
| verall height | h17 | 2.10 m | 6 ft 11 in |
| verall length (stowed) | 19 | 5.27 m | 17 ft 3 in |
| verall height (stowed) | h18 *** | 2.13 m | 7 ft |
| b length | l13 | 1.26 m | 4 ft 2 in |
| ounterweight offset (turret at 90Ű) | a7 | 0 m | 0 in |
| eternal turning radius | Wa3 | 4.27 m | 14 ft |
| ound clearance at centre of wheelbase | m2 | 0.18 m | 7 in |
| heelbase | у | 2.20 m | 7 ft 3 in |
| erformances | , | 2.25 | 7 (10 111 |
| rive speed - stowed | | 6 km/h | 4 mph |
| rive speed - raised | | 0.60 km/h | 0.37 mph |
| radeability | | 21 % | 21 % |
| ermissible leveling | | 5 ° | 5 ° |
| heels | | | |
| res type | | Foam Filled Non Marking | Foam Filled Non Marking |
| rive wheels (front / rear) | | 0 / 2 | 0 / 2 |
| eering wheels (front / rear) | | 2/0 | 2/0 |
| aking wheels (front / rear) | | 0/2 | 0 / 2 |
| ngine/Battery | | 0 / 2 | 0 / 2 |
| ectric engine power rating | | 2 x 4.50 kW | 2 x 4.50 kW |
| ft motor power | | 3.70 kW | 3.70 kW |
| C. Engine power rating / Power | | 12 Hp / 9.20 kW | 12 Hp / 9.20 kW |
| attery voltage | | 48 V | 48 V |
| • • | | 48 V / 300 Ah | 48 V / 300 Ah |
| attery nominal voltage / capacity | | | 14 kW/h |
| attery energy | | 14 kW/h 48 V / 45 A | 48 V / 45 A |
| n-board charger (V / A) liscellaneous | | 40 V / 43 A | 40 V / 43 A |
| round Pressure | | 14.49 dan/am2 | 210 DCI |
| | | 14.48 dan/cm2 200 bar | 210 PSI 2901 PSI |
| rdraulic Pressure | | | |
| rdraulic tank capacity | | 12 | 3 US gal |
| uel tank | | 30 | 8 US gal |
| bration on hands/arms | | < 2.50 m/s ² | < 2.50 m/s² |
| andards compliance his machine is in compliance with: | | European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage) | European directives: 2006/42/EC- Machinen (revised EN280:2013) - 2004/108/EC (EMC) 2006/95/EC (Low voltage) |

170 AETJ-L BI - Load chart

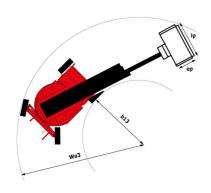
Load Chart metric

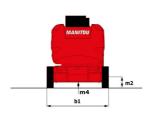
3 2 1 0 1 2 3 4 5 6 7 8 9 10m 17 16 15 14 13 12 11 10 9 8 8 7 6 6 5 4 3 2 1

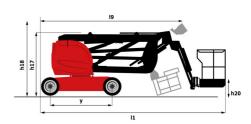
Load Chart imperial



170 AETJ-L BI - Dimensional drawing







Equipment

230V Predisposition All-terrain, non-marking, foam-filled tyres 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 Platform with open-work floor Proportional controls Protective cover for control panel 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 protection oil | | |
| LED strobe Light on the basket | | |
| LED strobe light on the turret | | |
| Lights | | |
| Lockable fuel cap | | |
| Non-marking Foam Inflated Tires 683 x 236 mm / 27 x 10-12 in | | |
| Personalized paintwork | | |
| SMS : Safe Man System | | |
| Safety hamess | | |
| 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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes