

Technical sheet :

170 AETJ-L

OXYGEN
by MANITOU



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|--|---------|--|
| Working height | h21 | 16.51 m |
| Platform height | h7 | 14.51 m |
| Max. outreach | | 9 m |
| Overhang | | 7 m |
| Pendular arm rotation (top / bottom) | | +70 ° / -70 ° |
| Platform capacity | Q | 220 kg |
| Turret rotation | | 355 ° |
| Platform rotation (right / left) | | 66 ° / 59 ° |
| Number of people (indoor / outdoor) | | 2 / 2 |
| Weight and dimensions | | |
| Platform weight* | | 7225 kg |
| Platform dimensions (length x width) | lp / ep | 1.20 m x 0.92 m |
| Floor height (access) | h20 | 0.40 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 |
| 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 3 kW |
| Lift motor power | | 3.70 kW |
| Battery voltage | | 48 V |
| Battery nominal voltage / capacity | | 48 V / 240 Ah |
| Battery energy | | 11 kWh |
| On-board charger (V / A) | | 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/s ² |
| Standards compliance | | |
| This machine is in compliance with: | | European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage) |

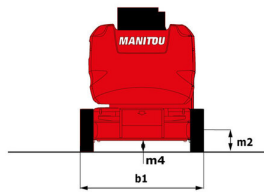
*Varies according to options and standards of the country to which the machine is delivered

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)
CAN bus technology
Easy Link with 2 year Service
Emergency stop button in platform and on frame
Hom in the platform
Manual emergency lowering
Multi-function smartview display
Multi-voltage integrated charger
Negative-type braking on rear wheels
Non-marking rubber tyres
Pendular arm
Platform with open-work floor
Proportional controls
Secondary Protection System (SPS)
Slinging and securing rings
Tool box in platform
Traction battery
Travel possible at maximum height

Optional

110 or 230V plug with differential circuit breaker
Audio warning on all motion
Audio warning on movement
Biodegradable hydraulic oil - Grade 32
Centralized filling of the battery
Cold weather protection oil
Easy Link - With access control keypad
Easy link with remote lock
External pneumatic supply source
High capacity starting battery
Maintenance-free battery
Non-marking Foam Inflated Tires 914 x 381 mm / 36x15D610
Personalized paintwork
Protective cover for control panel
Rail protection
Safety kit - Harness + helmet
Turret orientation information
Water predisposition
Working light (x1) on basket



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