

Technical sheet :

# 150 AETJ-C 3D

OXYGEN  
by MANITOU



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities  |         | Metric  |
|---|---------|---|
| Working height                                    | h21     | 14.60 m   |
| Platform height                                   | h7      | 12.60 m   |
| Maximum outreach                                  |         | 7.13 m  |
| Overhang  |         | 7 m   |
| Pendular arm rotation (left / right)              |         | -70 ° / 70 °  |
| Pendular arm rotation (top / bottom)              |         | +65 ° / -65 °   |
| 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*                                  |         | 7175 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      | 6.05 m  |
| Overall width                                     | b1      | 1.50 m  |
| Overall height                                    | h17     | 1.97 m  |
| Overall length (stowed)                           | l9      | 4.40 m  |
| Overall height (stowed)                           | h18 *** | 2.08 m  |
| Jib length  | l13     | 1.26 m  |
| Counterweight offset (turret at 90°)              | a7      | 0.12 m  |
| Internal turning radius / External turning radius | Wa3     | 1.87 m/3.96 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  |         | Non marking cushion   |
| 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                                    |         |   |
| Drive motor power rating                          |         | 2 x 3 kW  |
| Lift motor power                                  |         | 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)          |         | 46  |
| Ground Pressure                                   |         | 13.50 daN/cm <sup>2</sup>   |
| Hydraulic Pressure                                |         | 200 bar   |
| Hydraulic tank capacity                           |         | 15 l  |
| Vibration on hands/arms                           |         | < 0.52 m/s <sup>2</sup>   |
| Standards compliance                              |         |   |
| This machine is in compliance with:               |         | European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019 |

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

# 150 AETJ-C 3D - Load chart

Load Chart metric



# 150 AETJ-C 3D - Dimensional drawing



# Equipment

## Standard

3D  
Additional foot-operated horn  
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)  
CAN bus technology  
Easy Link with 2 year Service  
Electrical pre-fitting - 230V  
Emergency stop button in platform and on frame  
Manual emergency lowering  
Multi-function smartview display  
Multi-voltage onboard charger - 48V - 35A - ZIVAN - Gel - Single-phase  
Negative-type braking on rear wheels  
Non-marking rubber tyres  
Pendular arm  
Platform with open-work floor  
Proportional controls  
Secondary Protection System (SPS)  
Slings and securing rings  
Toolbox  
Traction battery  
Travel possible at maximum height

## Optional

Audio warning on all motion  
Audio warning on all motion  
Basket controls protection  
Biodegradable hydraulic oil - Grade 32  
Central filling system  
Charger plug - 110V - 16A - United Kingdom (G) type  
Cold weather protection oil  
Compressed air pipe pre-fitting  
Easy Link - With access control keypad  
Easy Link - With remote lock  
Higher capacity battery, to start the machine easily in cold countries.  
LED work light - On basket  
Maintenance-free battery  
Non-marking Foam Inflated Tires 683 x 236 mm / 27 x 10-12 in  
Personalized paintwork  
Rail protection  
Safety kit - Helmet and harness  
Turret orientation detection  
Water pre-fitting



**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](http://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