

Technical sheet :

# 170 AETJ-L

OXYGEN  
by MANITOU



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| 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  |
| Internal turning radius / External turning radius | Wa3     | 47.49 mm/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  |         | Non marking cushion   |
| 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                                    |         |   |
| Drive motor 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/cm <sup>2</sup>   |
| Hydraulic Pressure                                |         | 200 bar   |
| Hydraulic tank capacity                           |         | 15 l  |
| Vibration on hands/arms                           |         | < 0.66 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

# 170 AETJ-L - Load chart

Load Chart metric



# 170 AETJ-L - Dimensional drawing



# Equipment

## Standard

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)  
Slinging 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



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