

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 |
| Maximum 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 kW/h |
| 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 | | 200 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 EN280-1:2022) - 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

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) |
| Slings 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 683 x 236 mm / 27 x 10-12 in |
| 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



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