

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   |
| 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

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 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                                 |



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