

Technical sheet :

AETJ 49

OXYGEN
by MANITOU

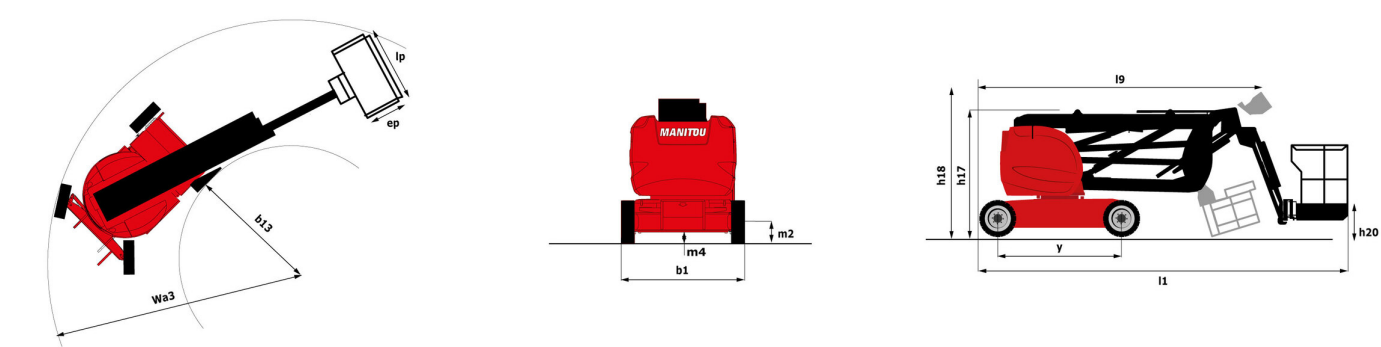


 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|--|---------|---|
| Working height | h21 | 16.90 m |
| Floor height (access) | h20 | 0.40 m |
| Platform height | h7 | 14.90 m |
| Max. outreach | | 9.43 m |
| Overhang | | 7 m |
| Pendular arm rotation (top / bottom) | | +65 ° / -65 ° |
| Platform capacity | Q | 227 kg |
| Turret rotation | | 355 ° |
| Platform rotation (right / left) | | 66 ° / 59 ° |
| Number of people (indoor / outdoor) | | 2 / 2 |
| Weight and dimensions | | |
| Platform weight* | | 7095 kg |
| Platform dimensions (length x width) | lp / ep | 1.20 m x 0.92 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 |
| Counterweight Oversize / Reach | | 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 4.50 kW |
| Electric Pump | | 3.70 kW |
| Battery voltage | | 48 V |
| Battery nominal voltage / capacity | | 48 V / 240 Ah |
| Battery energy | | 11 kWh |
| Integrated charger / charger | | 48 V / 30 A |
| Miscellaneous | | |
| Number of cycles with STD Battery (HIRD) | | 44 |
| Ground Pressure | | 16.60 dan/cm2 |
| Hydraulic Pressure | | 210 bar |
| Hydraulic tank capacity | | 15 l |
| Vibration on hands/arms | | < 0.66 m/s² |
| Standards compliance | | |
| This machine is in compliance with: | | ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC |

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

AETJ 49 - Dimensional drawing



Equipment

| Standard |
|---|
| 110 V American plug with differential circuit breaker |
| Audible alarm and illuminated indicator lamp (leveling, overload, lowering) |
| Battery charge indicator lamp |
| CAN bus technology |
| Drive safety orientation system |
| Electric predisposition on boom |
| Emergency stop button in platform and on frame |
| Hom in the platform |
| Hour meter |
| Integrated diagnostic assistance |
| Manual emergency lowering |
| Multi-voltage integrated charger |
| Negative-type braking on rear wheels |
| Non-marking rubber tyres |
| Platform access gate |
| Proportional controls |
| Slinging and securing rings |
| Tool box in platform |
| Traction battery |
| Travel possible at maximum height |
| Optional |
| Biodegradable oil |
| Cold weather kit |
| Cold weather protection oil |
| Highly capacity battery |
| Lights |
| Protective cover for control panel |
| SMS : Safe Man System |
| Water predisposition |
| Working headlight in platform |



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