

Technical sheet :

V'AIR 23

OXYGEN
by MANITOU

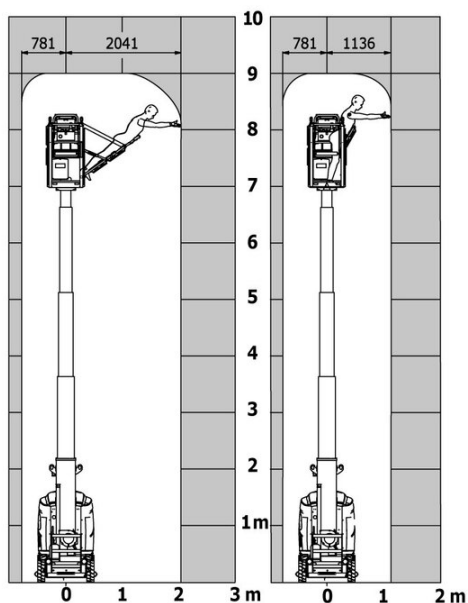


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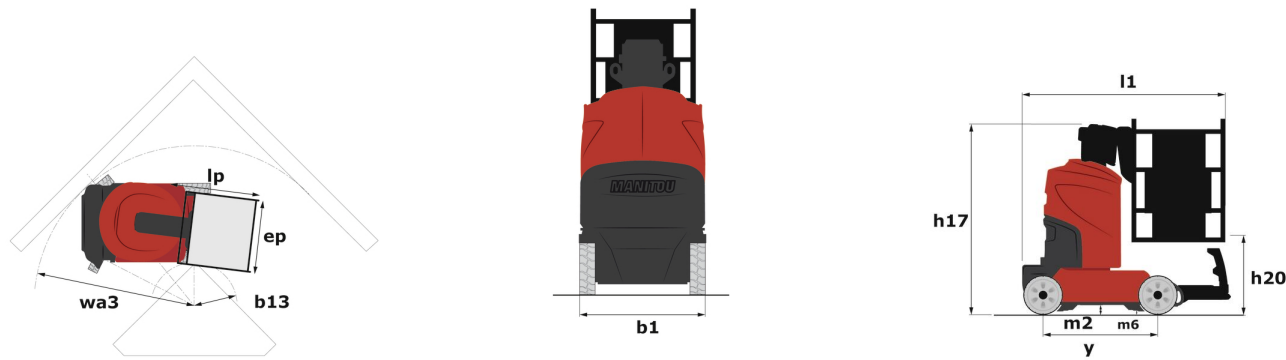
| Capacities | | Metric |
|---|---------|---|
| Working height | h21 | 7 m |
| Platform height | h7 | 7 m |
| Maximum outreach | | 2.04 m |
| Platform capacity | Q | 230 kg |
| Turret rotation | | 355 ° |
| Number of people (indoor / outdoor) | | 2 / 2 |
| Weight and dimensions | | |
| Platform weight* | | 2710 kg |
| Platform dimensions (length x width) | lp / ep | 0.95 m x 0.68 m |
| Floor height (access) | h20 | 1.03 m |
| Overall length | l1 | 2.31 m |
| Overall width | b1 | 1.10 m |
| Overall height | h17 | 2.31 m |
| Counterweight offset (turret at 90°) | a7 | 0.04 m |
| Counterweight Oversize / Reach | | 0.05 m |
| External turning radius | Wa3 | 1.98 m |
| Ground clearance at centre of wheelbase | m2 | 0.90 m |
| Wheelbase | y | 1.20 m |
| Performances | | |
| Drive speed - stowed | | 4.50 km/h |
| Drive speed - raised | | 0.60 km/h |
| Gradeability | | 25 % |
| Permissible leveling | | 2 ° |
| Wheels | | |
| Tires type | | Solid non-marking tires |
| Standard tires | | 16.5-11 1/4 / 406 x 127 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 | | 1.50 kW |
| Number of hydraulic pump / Capacity of hydraulic pump | | 2 x 4.20 cm³ |
| Battery voltage | | 24 V |
| Battery capacity | | 250 Ah |
| On-board charger (V / A) | | 24 V / 30 A |
| Miscellaneous | | |
| Number of cycles with STD Battery (HIRD) | | 39 |
| Ground Pressure | | 11.30 dan/cm² |
| Hydraulic Pressure | | 140 bar |
| Hydraulic tank capacity | | 22 l |
| Standards compliance | | |
| This machine is in compliance with: | | ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC |

V'Air 23 - Load chart

Load Chart for MEWP Metric



V'Air 23 - Dimensional drawing



Equipment

| Standard |
|---|
| 2 LED front headlights with protective grille |
| 2 rear position headlights with LED |
| 2 vertical detection radars |
| 3 anti-static braids |
| Audible alarm and illuminated indicator lamp (leveling, overload, lowering) |
| Backlit control panel |
| Battery charge indicator lamp |
| CAN bus technology |
| Emergency stop button in platform and on frame |
| Fixed pothole protection |
| Fork pockets |
| Front and side rubber protections |
| Horn 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 with open-work floor |
| Proportional controls |
| Side reflectors |
| Slings and securing rings |
| Specific platform with multiple working positions |
| Tool box in platform |
| Traction battery with centralized recharging |
| Travel possible at maximum height |
| Working headlight in platform |
| Optional |
| 6 kg Powder extinguisher A, B, C |
| Biodegradable oil |
| Cold weather protection oil |



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