

Technical sheet :

# V'AIR 23

OXYGEN  
by MANITOU

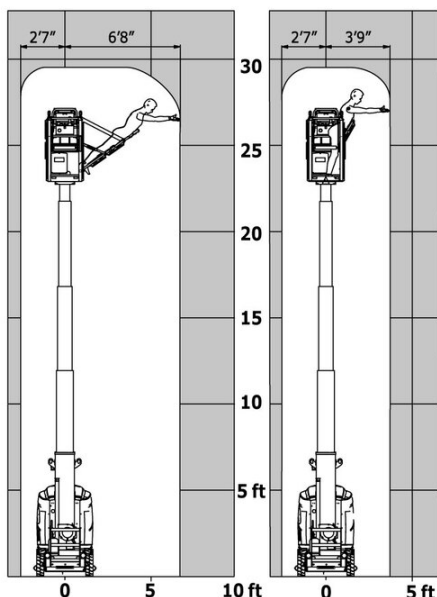


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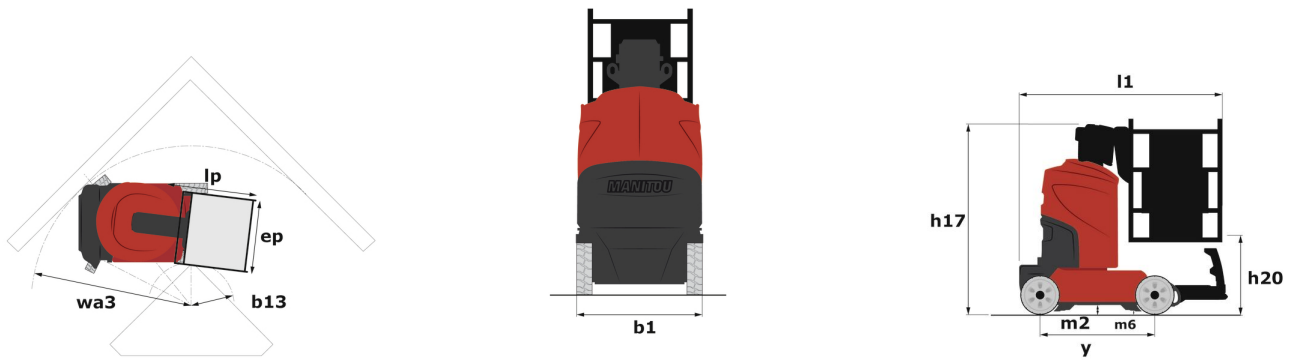
Capacities		Imperial
Working height	h21	29 ft 6 in
Platform height	h7	23 ft
Maximum outreach		6 ft 8 in
Platform capacity	Q	507 lb
Turret rotation		355 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		5975 lb
Platform dimensions (length x width)	lp / ep	3 ft 1 in x 2 ft 3 in
Floor height (access)	h20	3 ft 5 in
Overall length	l1	7 ft 7 in
Overall width	b1	3 ft 7 in
Overall height	h17	7 ft 7 in
Counterweight offset (turret at 90°)	a7	2 in
Counterweight Oversize / Reach		2 in
External turning radius	Wa3	6 ft 6 in
Ground clearance at centre of wheelbase	m2	2 ft 11 in
Wheelbase	y	3 ft 11 in
Performances		
Drive speed - stowed		3 mph
Drive speed - raised		0.37 mph
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		2 x 1.50 kW
Number of hydraulic pump / Capacity of hydraulic pump		2 x 0.26 in³
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		164 PSI
Hydraulic Pressure		2031 PSI
Hydraulic tank capacity		6 US gal
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 (Imperial)



## 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
- Additional foot-operated horn
- 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
- Hour meter
- Integrated diagnostic assistance
- Manual emergency lowering
- Multi-voltage onboard charger - 48V - 35A - ZIVAN - Gel - Single-phase
- 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
- Toolbox
- 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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