

Technical sheet :

# 170 AETJ-L

OXYGEN  
by **MANITOU**



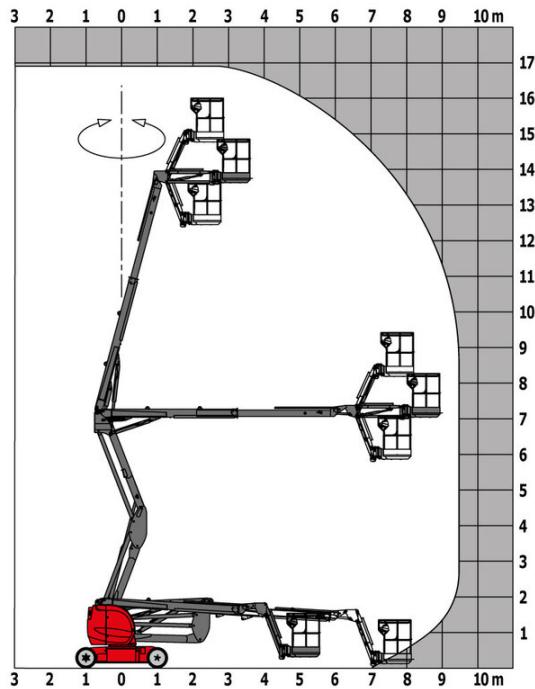
 **MANITOU**  
HANDLING YOUR WORLD

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		Metric	
Platform weight*		7225 kg	
Platform dimensions (length x width)	l <sub>p</sub> / 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		Metric	
Drive speed - stowed		5 km/h	
Drive speed - raised		0.60 km/h	
Gradeability		22 %	
Permissible leveling		3 °	
Wheels		Metric	
Tires type		Non marking cushion	
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		Metric	
Drive motor 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 kWh	
On-board charger (V / A)		48 V / 30 A	
Miscellaneous		Metric	
Number of cycles with STD Battery (HIRD)		46	
Ground Pressure		16.60 dan/cm <sup>2</sup>	
Hydraulic Pressure		200 bar	
Hydraulic tank capacity		15 l	
Vibration on hands/arms		< 0.66 m/s <sup>2</sup>	
Standards compliance		Metric	
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	

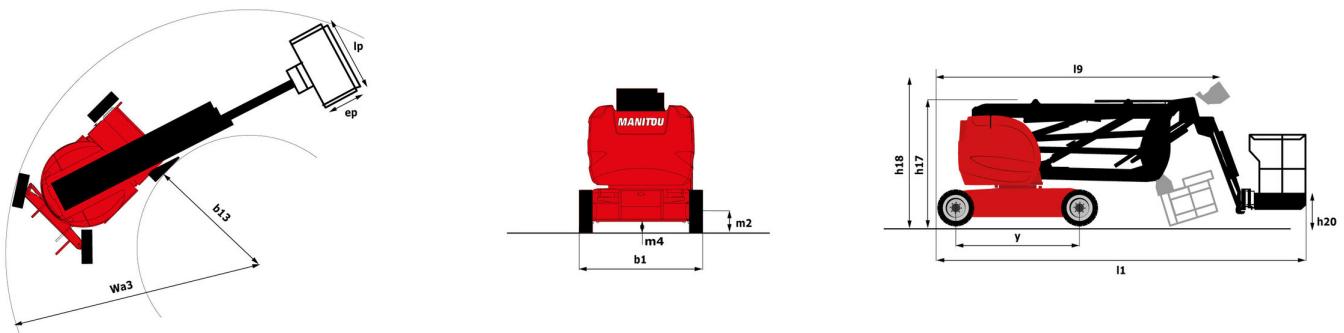
\*Varies according to options and standards of the country to which the machine is delivered

## 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
- Horn 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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