

Technical sheet :

# 170 AETJ-L

OXYGEN  
by MANITOU



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HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	16.51 m
Platform height	h7	14.51 m
Max. 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
Internal turning radius / External turning radius	Wa3	47.49 mm/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		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		
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		
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		
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

Additional foot-operated horn  
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)  
CAN bus technology  
Easy Link with 2 year Service  
Electrical pre-fitting - 230V  
Emergency stop button in platform and on frame  
Manual emergency lowering  
Multi-function smartview display  
Multi-voltage onboard charger - 48V - 35A - ZIVAN - Gel - Single-phase  
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  
Toolbox  
Traction battery  
Travel possible at maximum height

## Optional

Audio warning on all motion  
Audio warning on all motion  
Basket controls protection  
Biodegradable hydraulic oil - Grade 32  
Central filling system  
Charger plug - 110V - 16A - United Kingdom (G) type  
Cold weather protection oil  
Compressed air pipe pre-fitting  
Easy Link - With access control keypad  
Easy Link - With remote lock  
Higher capacity battery, to start the machine easily in cold countries.  
LED work light - On basket  
Maintenance-free battery  
Non-marking Foam Inflated Tires 683 x 236 mm / 27 x 10-12 in  
Personalized paintwork  
Rail protection  
Safety kit - Helmet and harness  
Turret orientation detection  
Water pre-fitting



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