

Technical sheet :

# 170 AETJ-L

OXYGEN  
by MANITOU

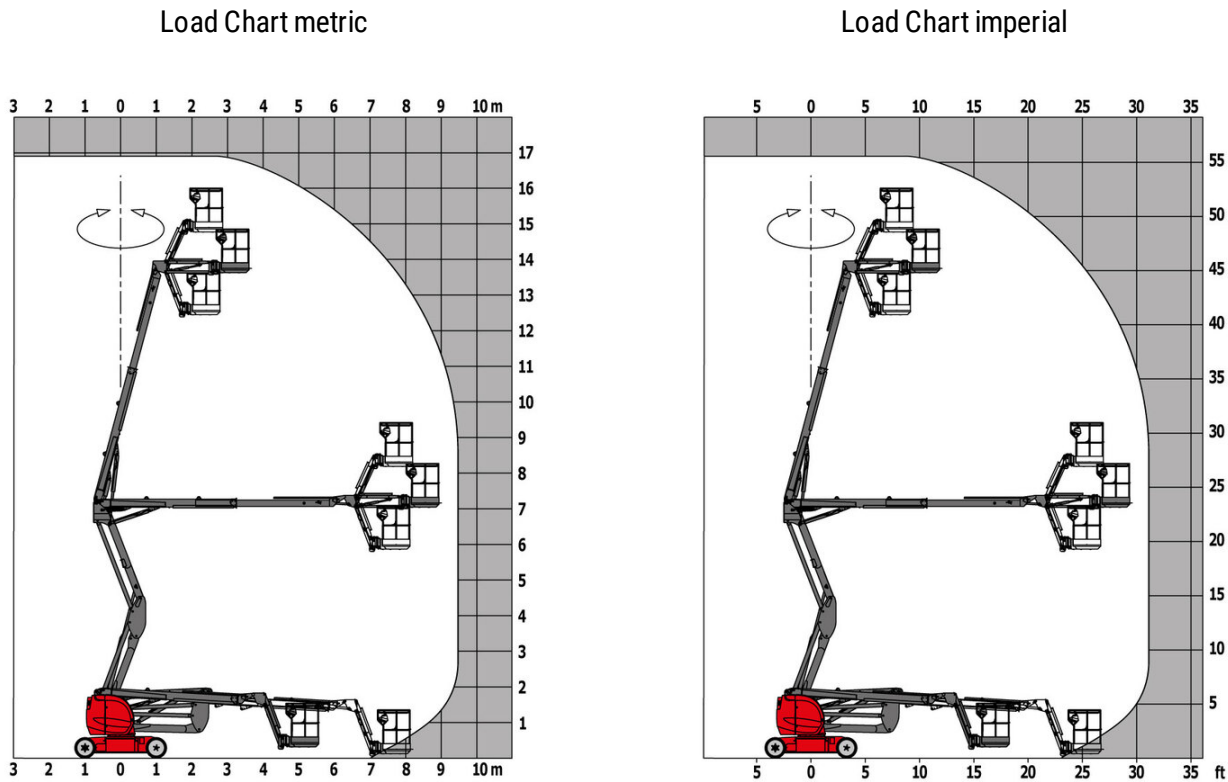


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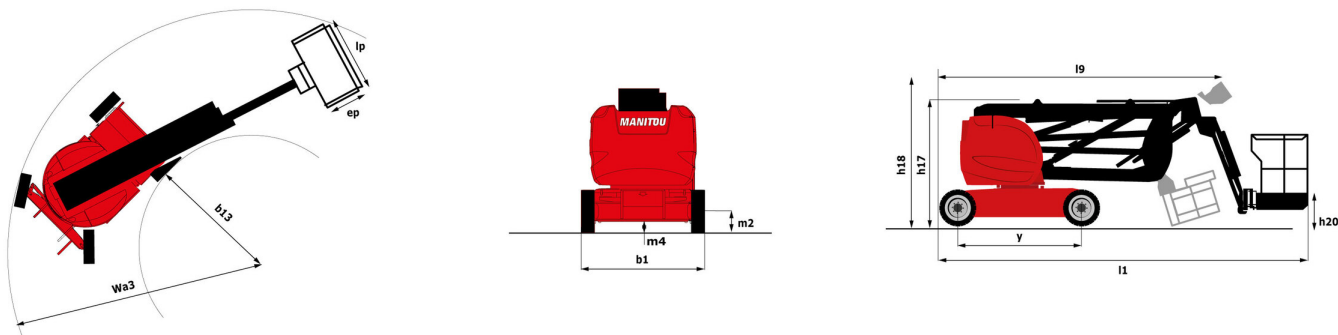
Capacities		Metric	Imperial
Working height	h21	16.90 m	55 ft 5 in
Platform height	h7	14.90 m	48 ft 11 in
Maximum outreach		9.43 m	30 ft 11 in
Overhang		7 m	23 ft
Pendular arm rotation (top / bottom)		+65 ° / -65 °	+65 ° / -65 °
Platform capacity	Q	200 kg	441 lb
Turret rotation		355 °	355 °
Platform rotation (right / left)		66 ° / 59 °	66 ° / 59 °
Number of people (indoor / outdoor)		2 / 2	2 / 2
Weight and dimensions			
Platform weight*		6950 kg	15322 lb
Platform dimensions (length x width)	lp / ep	1.20 m x 0.92 m	3 ft 11 in x 3 ft
Floor height (access)	h20	0.40 m	1 ft 4 in
Overall length	l1	6.84 m	22 ft 5 in
Overall width	b1	1.75 m	5 ft 9 in
Overall height	h17	1.97 m	6 ft 6 in
Overall length (stowed)	l9	5.12 m	16 ft 10 in
Overall height (stowed)	h18 ***	2.04 m	6 ft 8 in
Jib length	l13	1.26 m	4 ft 2 in
Counterweight offset (turret at 90°)	a7	0.08 m	3 in
Counterweight Oversize / Reach		0.08 m	3 in
External turning radius	Wa3	4.30 m	14 ft 1 in
Ground clearance at centre of wheelbase	m2	0.14 m	6 in
Wheelbase	y	2 m	6 ft 7 in
Performances			
Drive speed - stowed		5 km/h	3 mph
Drive speed - raised		0.60 km/h	0.37 mph
Gradeability		22 %	22 %
Permissible leveling		3 °	3 °
Wheels			
Tires type		Solid non-marking tires	Solid non-marking tires
Standard tires		24 x 7.5 in / 600 x 190 mm	24 x 7.5 in / 600 x 190 mm
Drive wheels (front / rear)		0 / 2	0 / 2
Steering wheels (front / rear)		2 / 0	2 / 0
Braking wheels (front / rear)		0 / 2	0 / 2
Engine/Battery			
Electric engine power rating		2 x 4.50 kW	2 x 4.50 kW
Lift motor power		3.70 kW	3.70 kW
Battery voltage		48 V	48 V
Battery nominal voltage / capacity		48 V / 240 Ah	48 V / 240 Ah
Battery energy		11 kW/h	11 kW/h
On-board charger (V / A)		48 V / 30 A	48 V / 30 A
Miscellaneous			
Number of cycles with STD Battery (HIRD)		46	46
Ground Pressure		16.60 dan/cm2	241 PSI
Hydraulic Pressure		210 bar	3046 PSI
Hydraulic tank capacity		15 l	4 US gal
Vibration on hands/arms		< 0.66 m/s²	< 0.66 m/s²
Standards compliance			
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)	European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

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

170 AETJ-L - Load chart



170 AETJ-L - Dimensional drawing



# Equipment

## Standard

230V Predisposition  
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)  
Battery charge indicator lamp  
CAN bus technology  
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  
Pendular arm  
Platform with open-work floor  
Proportional controls  
Sliding and securing rings  
Tool box in platform  
Traction battery  
Travel possible at maximum height

## Optional

110 or 230V plug with differential circuit breaker  
Biodegradable oil  
Cold weather kit  
Cold weather protection oil  
High capacity starting battery  
LED strobe Light on the basket  
LED strobe light on the turret  
Lights  
Maintenance-free battery  
Non-marking Foam Inflated Tires 683 x 236 mm / 27 x 10-12 in  
Personalized paintwork  
Protective cover for control panel  
SMS : Safe Man System  
Safety harness  
Water predisposition  
Working headlight in platform



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