

Technical sheet :

# 170 AETJ-L BI

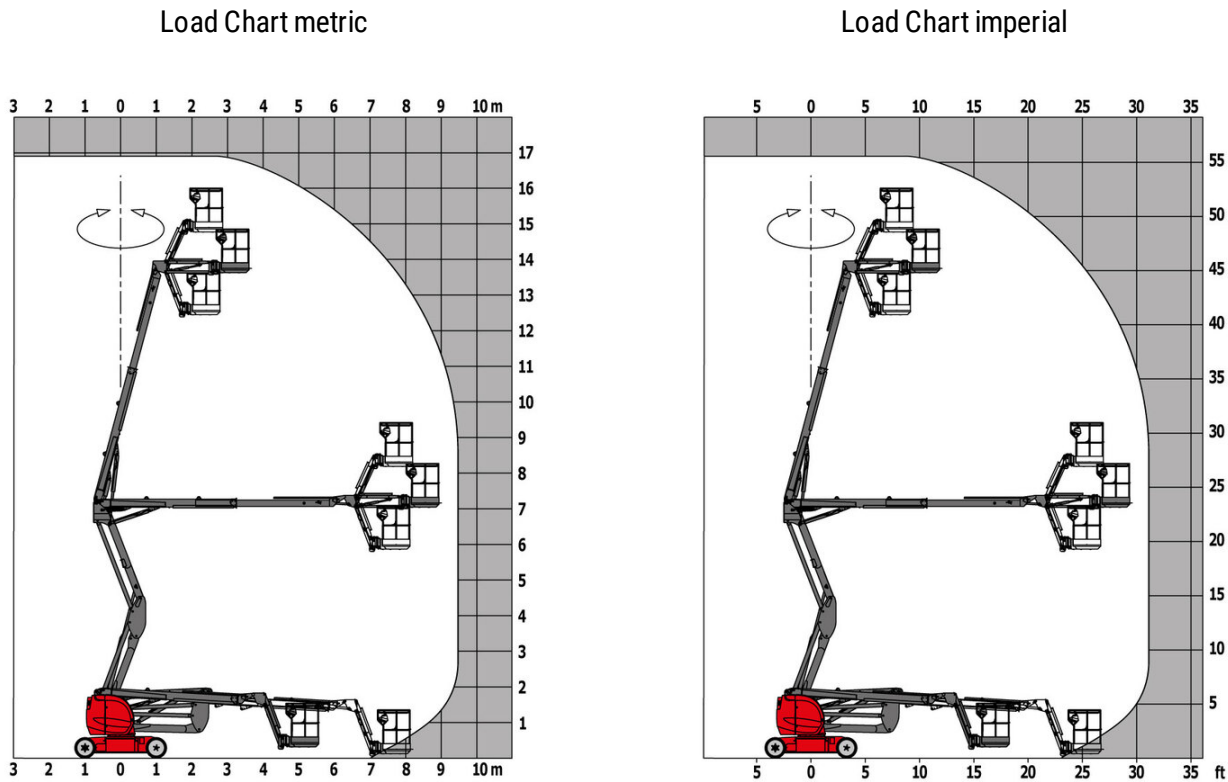
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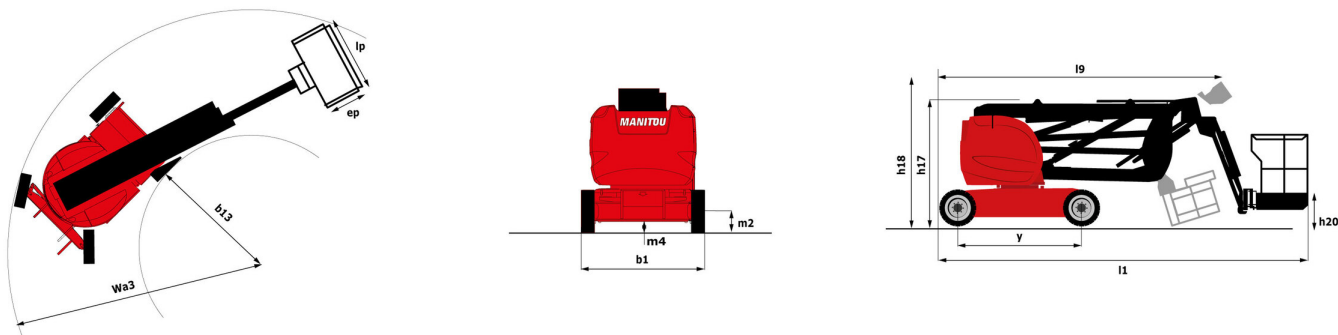
 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Working height	h21	17.03 m	55 ft 10 in
Platform height	h7	15.03 m	49 ft 4 in
Maximum outreach		9.43 m	30 ft 11 in
Overhang		7.27 m	23 ft 10 in
Pendular arm rotation (top / bottom)		+62 ° / -59 °	+62 ° / -59 °
Platform capacity	Q	230 kg	507 lb
Turret rotation		355 °	355 °
Platform rotation (right / left)		70 ° / 70 °	70 ° / 70 °
Number of people (indoor / outdoor)		2 / 2	2 / 2
Weight and dimensions			
Platform weight*		7435 kg	16391 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	6.99 m	22 ft 11 in
Overall width	b1	1.91 m	6 ft 3 in
Overall height	h17	2.10 m	6 ft 11 in
Overall length (stowed)	l9	5.27 m	17 ft 3 in
Overall height (stowed)	h18 ***	2.13 m	7 ft
Jib length	l13	1.26 m	4 ft 2 in
Counterweight offset (turret at 90°)	a7	0 m	0 in
External turning radius	Wa3	4.27 m	14 ft
Ground clearance at centre of wheelbase	m2	0.18 m	7 in
Wheelbase	y	2.20 m	7 ft 3 in
Performances			
Drive speed - stowed		6 km/h	4 mph
Drive speed - raised		0.60 km/h	0.37 mph
Gradeability		21 %	21 %
Permissible leveling		5 °	5 °
Wheels			
Tires type		Foam Filled Non Marking	Foam Filled Non Marking
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
I.C. Engine power rating / Power		12 Hp / 9.20 kW	12 Hp / 9.20 kW
Battery voltage		48 V	48 V
Battery nominal voltage / capacity		48 V / 300 Ah	48 V / 300 Ah
Battery energy		14 kW/h	14 kW/h
On-board charger (V / A)		48 V / 45 A	48 V / 45 A
Miscellaneous			
Ground Pressure		14.48 dan/cm2	210 PSI
Hydraulic Pressure		200 bar	2901 PSI
Hydraulic tank capacity		12 l	3 US gal
Fuel tank		30 l	8 US gal
Vibration on hands/arms		< 2.50 m/s²	< 2.50 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)

170 AETJ-L BI - Load chart



170 AETJ-L BI - Dimensional drawing



# Equipment

## Standard

230V Predisposition  
All-terrain, non-marking, foam-filled tyres  
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)  
Battery charge indicator lamp  
CAN bus technology  
Easy Manager  
Emergency stop button in platform and on frame  
Horn in the platform  
Hour meter  
Integrated diagnostic assistance  
Manual emergency lowering  
Multi-voltage integrated charger  
Negative-type braking on rear wheels  
Pendular arm  
Platform with open-work floor  
Proportional controls  
Protective cover for control panel  
Slings 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 protection oil  
LED strobe Light on the basket  
LED strobe light on the turret  
Lights  
Lockable fuel cap  
Non-marking Foam Inflated Tyres 683 x 236 mm / 27 x 10-12 in  
Personalized paintwork  
SMS : Safe Man System  
Safety harness  
Water predisposition  
Working headlight in platform



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