Technical sheet:

# 170 AETJ-L

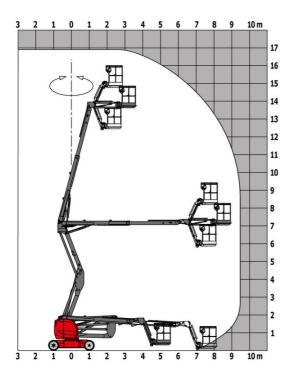


	170 AETJ-L Created on August 1, 2025 at 6:15 PM I
Capacities	Metric
Working height	h21 16.51 m
Platform height	h7 14.51 m
Maximum outreach	9 m
Overhang	7 m
Pendular arm rotation (top / bottom)	+70 ° / -70 °
Platform capacity	Q 220 kg
Turret rotation	355 °
Platform rotation (right / left)	66 ° / 59 °
Number of people (indoor / outdoor)	2/2
Weight and dimensions	
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	11 6.84 m
Š	
Overall width	
Overall height	h17 1.97 m
Overall length (stowed)	19 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	
Drive speed - stowed	5 km/h
Drive speed - raised	0.60 km/h
Gradeability	22 %
Permissible leveling	3 °
Wheels	
Tires type	Solid non-marking tires
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	
Electric engine 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 kW/h
On-board charger (V / A)	48 V / 30 A
Miscellaneous	
Number of cycles with STD Battery (HIRD)	46
Ground Pressure	16.60 dan/cm2
Hydraulic Pressure	200 bar
Hydraulic tank capacity	151
Vibration on hands/arms	< 0.66 m/s <sup>2</sup>
Standards compliance	▼ 0.00 m/3
This machine is in compliance with:	European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - El according to EN 12895 / 2015 +A1 / 2019

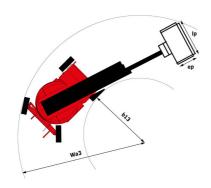
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered

### 170 AETJ-L - Load chart

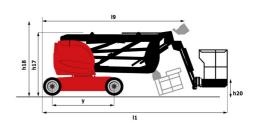
### Load Chart metric



# 170 AETJ-L - Dimensional drawing







## **Equipment**

### 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





#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes