Technical sheet:

# 170 AETJ-L

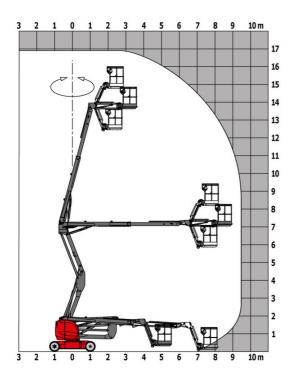


	<b>170 AETJ-L</b> Created on May 4, 2024 at 10:22:30	7 1 W O
Capacities	Metric	
Working height	h21 16.90 m	
Floor height (access)	h20 0.40 m	
Platform height	h7 14.90 m	
Max. outreach	9.43 m	
Overhang	7 m	
Pendular arm rotation (top / bottom)	+65°/-65°	
Platform capacity	Q 200 kg	
Turret rotation	355 °	
Platform rotation (right / left)	66 ° / 59 °	
Number of people (indoor / outdoor)	2/2	
Weight and dimensions		
Platform weight*	6950 kg	
Platform dimensions (length x width)	lp / ep 1.20 m x 0.92 m	
Overall length	l1 6.84 m	
Overall width	b1 1.75 m	
Overall height	h17 1.97 m	
Overall length (stowed)	117 1.57 III	
	h18 2.04 m	
Overall height (stowed)	113 1.26 m	
Jib length		
Counterweight offset (turret at 90°)	a7 0.08 m	
Counterweight Oversize / Reach	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	
Orive speed - raised	0.60 km/h	
Gradeability	22 %	
Permissible leveling	3°	
Wheels		
Fires type	Solid non-marking tires	
Standard tires	24 x 7.5 in / 600 x 190 mm	
Orive 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 4.50 kW	
Electric Pump	3.70 kW	
Battery voltage	48 V	
Battery nominal voltage / capacity	48 V / 240 Ah	
Battery energy	11 kWh	
ntegrated charger / charger	48 V / 30 A	
Miscellaneous		
Number of cycles with STD Battery (HIRD)	46	
Ground Pressure	16.60 dan/cm2	
Hydraulic Pressure	210 bar	
lydraulic tank capacity	151	
/ibration on hands/arms	< 0.66 m/s²	
Standards compliance		
This machine is in compliance with:	European directives: 2006/42/EC- Mar (revised EN280:2013) - 2004/108/EC ( 2006/95/EC (Low voltage)	chinery (EMC) -

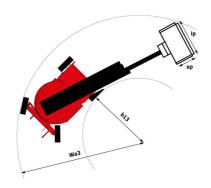
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered

### 170 AETJ-L - Load chart

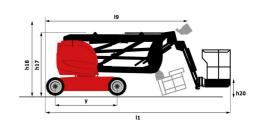
### Load Chart metric



# 170 AETJ-L - Dimensional drawing







# **Equipment**

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

110 or 230V plug with differential circuit breaker Biodegradable oil Cold weather kit Cold weather protection oil Highly capacity battery Lights Maintenance-free battery Personalized paintwork Protective cover for control panel SMS: Safe Man System Safety harness	Optional
Cold weather kit Cold weather protection oil Highly capacity battery Lights Maintenance-free battery Personalized paintwork Protective cover for control panel SMS: Safe Man System Safety harness	110 or 230V plug with differential circuit breaker
Cold weather protection oil Highly capacity battery Lights Maintenance-free battery Personalized paintwork Protective cover for control panel SMS: Safe Man System Safety harness	Biodegradable oil
Highly capacity battery Lights Maintenance-free battery Personalized paintwork Protective cover for control panel SMS: Safe Man System Safety harmess	Cold weather kit
Lights Maintenance-free battery Personalized paintwork Protective cover for control panel SMS: Safe Man System Safety harmess	Cold weather protection oil
Maintenance-free battery Personalized paintwork Protective cover for control panel SMS: Safe Man System Safety harness	Highly capacity battery
Personalized paintwork Protective cover for control panel SMS: Safe Man System Safety harness	Lights
Protective cover for control panel SMS : Safe Man System Safety harness	Maintenance-free battery
SMS : Safe Man System Safety hamess	Personalized paintwork
Safety hamess	Protective cover for control panel
,	SMS : Safe Man System
Make and discount of the second of the secon	Safety hamess
water predisposition	Water predisposition
Working headlight in platform	Working headlight in platform





#### **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