Technical sheet :

# 170 AETJ-L



TO AETJ-L Created on 30 April	I 2024 at	11:32:31	AM UTC
-------------------------------	-----------	----------	--------

1

	<b>170 AETJ-L</b> Created on 30 April 2024 at 11:32:31 AM
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)	
Overall length	lp / ep 1.20 m x 0.92 m l1 6.84 m
Overall width	b1 1.75 m h17 1.97 m
Overall height	
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
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
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 4.50 kW
Electric Pump	3.70 kW
Battery voltage	48 V
Battery nominal voltage / capacity	48 V / 240 Ah
Battery energy	11 kWh
Integrated 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
Hydraulic tank capacity	15
Vibration on hands/arms	< 0.66 m/s²
Standards compliance	
This machine is in compliance with:	European directives: 2006/42/EC- Machiner (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

### Load Chart metric



170 AETJ-L - Dimensional drawing



# Equipment

### Standard

Audible alam 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
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 Nugative-type braking on rear wheels Non-marking rubber tyres Pendular arm Platform with open-work floor Proportional controls Slinging and securing rings
Emergency stop buton in platform and on frame Horn in the platform Hour meter Integrated diagnostic assistance Manual emergency lowering Multi-voltage integrated charger Multi-voltage integrated charger Nor-marking rubber tyres Pendular arm Platform with open-work floor Proportional controls Slinging and securing rings
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 Slinging and securing rings
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
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
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
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
Negative-type braking on rear wheels Non-marking rubber tyres Pendular arm Platform with open-work floor Proportional controls Slinging and securing rings
Non-marking rubber tyres Pendular arm Platform with open-work floor Proportional controls Slinging and securing rings
Pendular arm Platform with open-work floor Proportional controls Slinging and securing rings
Platform with open-work floor Proportional controls Slinging and securing rings
Proportional controls Slinging and securing rings
Slinging and securing rings
Tool hav in plotform
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
Highly capacity battery
Lights
Maintenance-free battery
Personalized paintwork
Protective cover for control panel
SMS : Safe Man System
Safety hamess
Water predisposition
Working headlight in platform





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