Technical sheet :

170 AETJ-L



70 AETJ-L	Created on 21	November	2024 at	6:59	PM UTC

	170 AETJ-L Created on 21 November 2024 at 6:59 PM U
Capacities	Metric
Working height	h21 16.90 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
Floor height (access)	h20 0.40 m
Overall length	l1 6.84 m
Overall width	b1 1.75 m
Overall height	h17 1.97 m
-	l9 5.12 m
Overall length (stowed)	
Overall height (stowed)	h18 *** 2.04 m
Jib length	I13 1.26 m
Counterweight offset (turret at 90Ű)	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 %
	3°
Permissible leveling Wheels	
	Calid non-modeling time.
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 lift pump	3.70 kW
Battery voltage	48 V
Battery nominal voltage / capacity	48 V / 240 Ah
Battery energy	11 kWh
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	210 bar
Hydraulic tank capacity	151
Vibration on hands/arms	< 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)

*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

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
Slinging 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
Personalized paintwork
Protective cover for control panel
SMS : Safe Man System
Safety hamess
Water predisposition
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