Technical sheet :

# 120 AETJ-C 3D





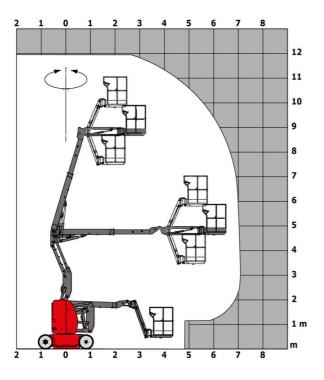
#### 120 АЕТЈ-С ЗД Created on May 20, 2024 at 10:12:08 PM UTC

Capacities		Metric
Working height	h21	11.95 m
Floor height (access)	h20	0.40 m
Platform height	h7	9.95 m
Max. outreach		7 m
Overhang		6.40 m
Pendular arm rotation (left / right)		70 ° / 70 °
Pendular arm rotation (top / bottom)		+70 ° / -70 °
Platform capacity	Q	200 kg
Turret rotation		360 °
Platform rotation (right / left)		66 ° / 59 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		6660 kg
Platform dimensions (length x width)	lp / ep	1.20 m x 0.92 m
Overall length	11	5.48 m
Overall width	b1	1.20 m
Overall height	h17	1.99 m
Overall length (stowed)	19	3.74 m
Overall height (stowed)	h18	2.16 m
Jib length	113	1.26 m
Counterweight offset (turret at 90°)	а7	0.23 m
External turning radius	Wa3	3.34 m
Ground clearance with pothole guards deployed	тб	0.02 m
Ground clearance at centre of wheelbase	m2	0.10 m
Wheelbase	у	1.65 m
Performances		
Drive speed - stowed		6 km/h
Drive speed - raised		0.60 km/h
Gradeability		25 %
Permissible leveling		3 °
Wheels		
Tires type		Solid non-marking tires
Standard tires		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)		60
Ground Pressure		20 dan/cm2
Hydraulic Pressure		200 bar
Hydraulic oil tank capacity		18
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>
		< 2.30 III/S*

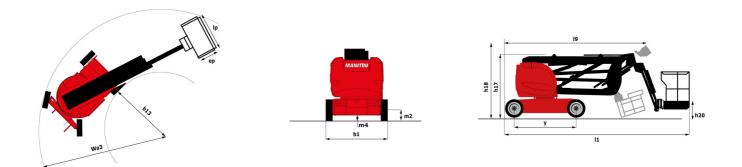
\*Varies according to options and standards of the country to which the machine is delivered

#### 120 AETJ-C 3D - Load chart

### Load Chart metric



120 AETJ-C 3D - Dimensional drawing



## Equipment

Standard	
230V Predisposition	
3D	
Audible alarm and illuminated indi	cator 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 whee	ls
Non-marking rubber tyres	
Pendular arm	
Platform with mesh floor	
Pothole protection with automatic of	peration
Proportional controls	
Slinging and securing rings	
Tool box in platform	
Traction battery	

#### Optional 110 or 230V plug with differential circuit breaker Biodegradable oil Cold weather protection oil Highly capacity battery Lights Maintenance-free battery Personalized paintwork Protective cover for control panel SMS : Safe Man System Safety harness Water predisposition Working headlight in platform



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