Technical sheet:

120 AETJ-C 3D



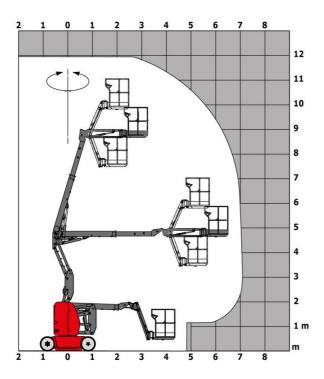


	120 AETJ-C 3D Crea	120 AETJ-C 3D Created on 20 May 2024 at 7:05:46 PM UTC	
Capacities		Metric	
Working height	h21	11.95 m	
Floor height (access)	h20	0.40 m	
Platform height	h7	9.95 m	
Max. outreach		7 m	
Overhang		6.40 m	
Pendular arm rotation (left / right)		70 ° / 70 °	
Pendular arm rotation (top / 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	l13	1.26 m	
Counterweight offset (turret at 90°)	a7	0.23 m	
External turning radius	Wa3	3.34 m	
Ground clearance with pothole guards deployed	m6	0.02 m	
Ground clearance at centre of wheelbase	m2	0.10 m	
Wheelbase	v	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		.5., 5071	
Number of cycles with STD Battery (HIRD)		60	
Ground Pressure		20 dan/cm2	
Hydraulic Pressure		200 bar	
Hydraulic riessule Hydraulic oil tank capacity		18	
Vibration on hands/arms		< 2.50 m/s²	
		· 2.00 III/ 3	

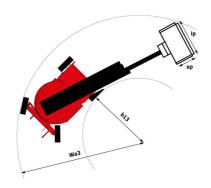
 $[\]hbox{*Varies according to options and standards of the country to which the machine is delivered} \\$

120 AETJ-C 3D - Load chart

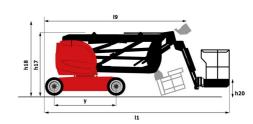
Load Chart metric



120 AETJ-C 3D - Dimensional drawing







Equipment

230V Predisposition 3D Audible alarm and illuminated indicator 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 wheels Non-marking rubber tyres Pendular arm Platform with mesh floor Pothole protection with automatic operation 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





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