Technical sheet :

150 AETJ-C



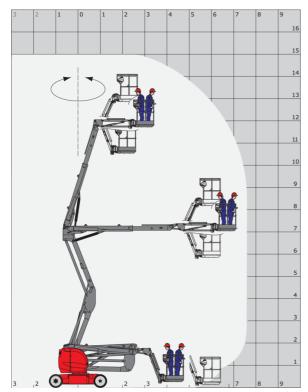
150 AETJ-C Created on July 3, 2025 at 8:42 PM UTC

		ISUAEIJ	-C Created on July 3, 2025 at 8:42 PM UTC
Capacities		Metric	Imperial
Working height	h21	15 m	49 ft 3 in
Platform height	h7	12.98 m	42 ft 7 in
Maximum outreach		7.60 m	24 ft 11 in
Overhang		7.07 m	23 ft 2 in
Pendular arm rotation (top / bottom)		+65 ° / -65 °	+65 ° / -65 °
Platform capacity	Q	200 kg	441 lb
Turret rotation		355 °	355 °
Platform rotation (right / left)		66 ° / 59 °	66 ° / 59 °
Number of people (indoor / outdoor)		2/2	2 / 2
Weight and dimensions			
Platform weight*		6700 kg	14771 lb
Platform dimensions (length x width)	lp / ep	1.20 m x 0.92 m	3 ft 11 in x 3 ft
Floor height (access)	h20	0.40 m	1 ft 4 in
Overall length	1	6.05 m	19 ft 10 in
Overall width	b1	1.50 m	4 ft 11 in
Overall height	h17	1.97 m	6 ft 6 in
Overall length (stowed)	19	4.40 m	14 ft 5 in
Overall height (stowed)	h18 ***	2.08 m	6 ft 10 in
Jib length	113	1.26 m	4 ft 2 in
Counterweight offset (turret at 90Ű)	а7	0.12 m	5 in
Counterweight Oversize / Reach		0.12 m	5 in
External turning radius	Wa3	3.96 m	13 ft
Ground clearance at centre of wheelbase	m2	0.14 m	6 in
Wheelbase	у	2 m	6 ft 7 in
Performances			
Drive speed - stowed		5 km/h	3 mph
Drive speed - raised		0.60 km/h	0.37 mph
Gradeability		22 %	22 %
Permissible leveling		3 °	3 °
Wheels			
Tires type		Solid non-marking tires	Solid non-marking tires
Standard tires		24 x 7.5 in / 600 x 190 mm	24 x 7.5 in / 600 x 190 mm
Drive wheels (front / rear)		0 / 2	0 / 2
Steering wheels (front / rear)		2 / 0	2 / 0
Braking wheels (front / rear)		0 / 2	0 / 2
Engine/Battery			
Battery nominal voltage / capacity		48 V / 240 Ah	48 V / 240 Ah
Battery energy		11 kW/h	11 kW/h
On-board charger (V / A)		48 V / 30 A	48 V / 30 A
Miscellaneous			
Number of cycles with STD Battery (HIRD)		46	46
Ground Pressure		13.50 dan/cm2	196 PSI
Hydraulic Pressure		210 bar	3046 PSI
Hydraulic tank capacity		151	4 US gal
Noise to environment (LwA)		< 70 dB	< 70 dB
Vibration on hands/arms		< 0.52 m/s²	< 0.52 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)	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

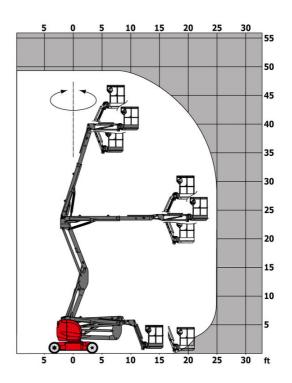
150 AETJ-C - Load chart

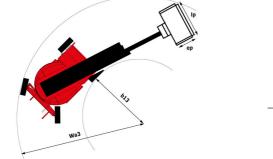
Load Chart metric



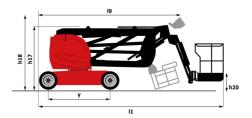
150 AETJ-C - Dimensional drawing

Load Chart imperial









Equipment

Standard

230V Predisposition			
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			
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

 3D

 Biodegradable oil

 Cold weather protection oil

 High capacity starting battery

 Lights

 Maintenance-free battery

 Non-marking Foam Inflated Tires 683 x 236 mm / 27 x 10-12 in

 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