Technical sheet:

150 AETJ-C

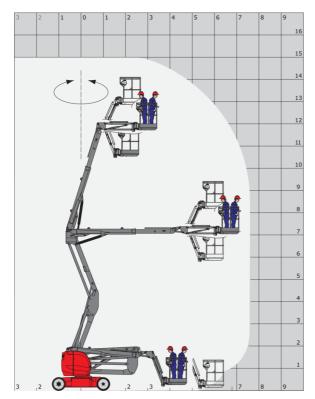


		150 AET.	c Created on July 3, 2025 at 9:45 PM UT
Capacities		Metric	Imperial
Working height	h21	15 m	49 ft 3 in
Platform height	h7	12.98 m	42 ft 7 in
Maximum outreach		7.60 m	24 ft 11 in
Overhang		7.07 m	23 ft 2 in
Pendular arm rotation (top / bottom)		+65 ° / -65 °	+65 ° / -65 °
Platform capacity	Q	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	I1	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	I13	1.26 m	4 ft 2 in
Counterweight offset (turret at 90Ű)	a7	0.12 m	5 in
Counterweight Oversize / Reach	d/	0.12 m	5 in
•	Wa3	3.96 m	13 ft
External turning radius Ground clearance at centre of wheelbase	was m2	3.96 m 0.14 m	6 in
Wheelbase	у	2 m	6 ft 7 in
Performances		E han th	2 mm
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		15 I	4 US gal
Noise to environment (LwA)		< 70 dB	< 70 dB
Vibration on hands/arms		< 0.52 m/s²	< 0.52 m/s ²
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)

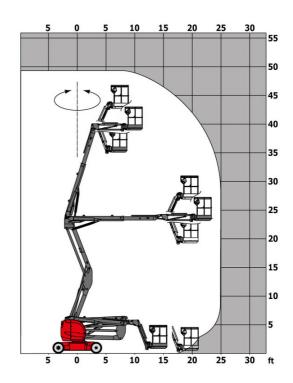
^{*}Varies according to options and standards of the country to which the machine is delivered

150 AETJ-C - Load chart

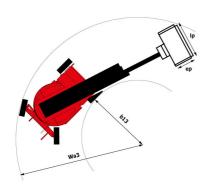
Load Chart metric

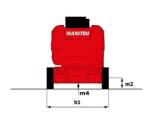


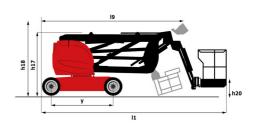
Load Chart imperial



150 AETJ-C - Dimensional drawing







Equipment

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 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 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