

Technical sheet :

150 AETJ-C 3D

OXYGEN
by MANITOU



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	14.60 m
Platform height	h7	12.60 m
Maximum outreach		7.13 m
Overhang		7 m
Pendular arm rotation (left / right)		-70 ° / 70 °
Pendular arm rotation (top / bottom)		+65 ° / -65 °
Platform capacity	Q	220 kg
Turret rotation		355 °
Platform rotation (right / left)		66 ° / 59 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		7175 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	6.05 m
Overall width	b1	1.50 m
Overall height	h17	1.97 m
Overall length (stowed)	l9	4.40 m
Overall height (stowed)	h18 ***	2.08 m
Jib length	l13	1.26 m
Counterweight offset (turret at 90°)	a7	0.12 m
External turning radius	Wa3	3.96 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 %
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 3 kW
Lift motor power		3.70 kW
Battery voltage		48 V
Battery capacity		240 Ah
Battery energy		11 kW/h
On-board charger (V / A)		48 V / 30 A
Miscellaneous		
Number of cycles with STD Battery (HIRD)		46
Ground Pressure		13.50 dan/cm2
Hydraulic Pressure		200 bar
Hydraulic tank capacity		15 l
Vibration on hands/arms		< 0.52 m/s²
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019

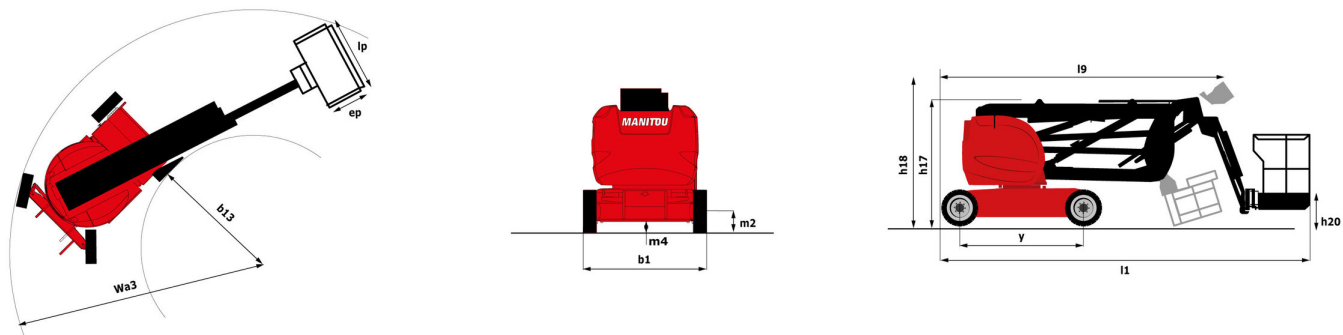
*Varies according to options and standards of the country to which the machine is delivered

150 AETJ-C 3D - Load chart

Load Chart metric



150 AETJ-C 3D - Dimensional drawing



Equipment

Standard

230V Predisposition

3D

Audible alarm and illuminated indicator lamp (leveling, overload, lowering)

CAN bus technology

Easy Link with 2 year Service

Emergency stop button in platform and on frame

Hom in the platform

Manual emergency lowering

Multi-function smartview display

Multi-voltage integrated charger

Negative-type braking on rear wheels

Non-marking rubber tyres

Pendular arm

Platform with open-work floor

Proportional controls

Secondary Protection System (SPS)

Slings and securing rings

Tool box in platform

Traction battery

Travel possible at maximum height

Optional

110 or 230V plug with differential circuit breaker

Audio warning on all motion

Audio warning on movement

Biodegradable hydraulic oil - Grade 32

Centralized filling of the battery

Cold weather protection oil

Easy Link - With access control keypad

Easy link with remote lock

External pneumatic supply source

High capacity starting battery

Maintenance-free battery

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

Personalized paintwork

Protective cover for control panel

Rail protection

Safety kit - Harness + helmet

Turret orientation information

Water predisposition

Working light (x1) on basket



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