

Technical sheet :

# AETJ 43

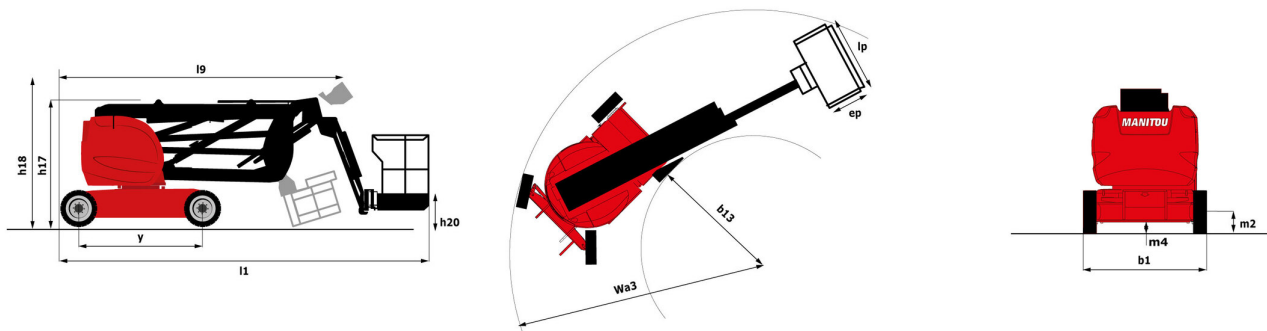
---



 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	15 m
Platform height	h7	13 m
Max. outreach		7.60 m
Overhang		7 m
Pendular arm rotation (top / bottom)		+65 ° / -65 °
Platform capacity	Q	227 kg
Turret rotation		355 °
Platform rotation (right / left)		66 ° / 59 °
Number of people (inside / outside)		2 / 2
Weight and dimensions		
Platform weight*		7370 kg
Platform dimensions (length x width)	lp / ep	1.20 m x 0.92 m
Overall width	b1	1.50 m
Overall length	l1	6.05 m
Overall height	h17	1.97 m
Overall length (stowed)	l9	4.40 m
Overall height (stowed)	h18	2.08 m
Floor height (access)	h20	0.40 m
Jib length	l13	1.26 m
Counterweight offset (turret at 90°)	a7	0.12 m
Internal turning radius (over tyres)	b13	1.87 m
External turning radius	Wa3	3.96 m
Tailswing		0.12 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		
Tyres type		Solid non-marking tires
Dimensions of front wheels / rear wheels		0,6X0,19m - 0,6X0,19m
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 / Batteries capacity		48 V / 240 Ah
Integrated charger (V / A)		48 V / 30 mA
Miscellaneous		
Number of cycles with STD Battery (HIRD)		44
Ground Pressure		13.50 dan/cm2
Hydraulic Pressure		210 bar
Hydraulic tank capacity		15 l
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>
Standards compliance		
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

## AETJ 43 - Dimensional drawing



# Equipment

## Standard

110 or 230V plug with differential circuit breaker

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

Battery charge indicator lamp

CAN bus technology

Drive safety orientation system

Electric predisposition on the top of the boom

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 access gate

Proportional controls

Tool box in platform

Traction battery

Travel possible at maximum height

## Optional

Beep on every movement

Beep upon travel

Biodegradable oil

Cold weather kit

Cold weather protection oil

Easy Manager

Highly capacity battery

Lights

Protective cover for control panel

SMS : Safe Man System

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](http://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