Technical sheet:

160 ATJ+ **E**





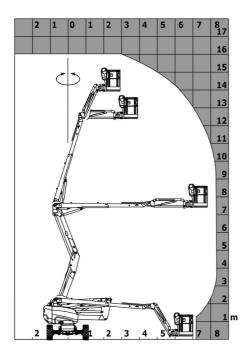


	160 ATJ+ E (Created on 7 May 2024 at 12:25:05 AM UT (
Capacities		Metric
Working height	h21	16.22 m
Floor height (access)	h20	0.42 m
Platform height	h7	14.26 m
Max. outreach		8.34 m
Overhang		7.44 m
Pendular arm rotation (left / right)		90 ° / 90 °
Pendular arm rotation (top / bottom)		+66.50 ° / -65.80 °
Platform capacity	Q	408 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		3 / 3
Weight and dimensions		
Platform weight*		7790 kg
Platform dimensions (length x width)	lp / ep	2.30 m x 0.90 m
Overall length	I1	6.88 m
Overall width	b1	2.38 m
Overall height	h17	2.48 m
Overall length (stowed)	19	4.70 m
Overall height (stowed)	h18	2.94 m
Counterweight offset (turret at 90°)	a7	0.37 m
Counterweight Oversize / Reach	۵/	0.37 m
External turning radius	Wa3	3.78 m
Ground clearance at centre of wheelbase	m2	0.39 m
Wheelbase		
Performances	У	2.30 m
Drive speed - stowed		5.30 km/h
Drive speed - raised		0.70 km/h
Gradeability		45 %
Permissible leveling		5°
Wheels		J
Tires type		Foam-filled
Standard tires		914 x 370 mm
Drive wheels (front / rear)		2 / 2
, ,		2/2
Steering wheels (front / rear)		
Braking wheels (front / rear)		0 / 2
Engine/Battery		40.14
Battery voltage		48 V
Battery nominal voltage / capacity		48 V / 480 Ah
Battery energy		23 kWh
Integrated charger / charger		48 V / 60 A
Miscellaneous		
Ground Pressure		10.60 dan/cm2
Hydraulic Pressure		250 bar
Hydraulic tank capacity		24
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)

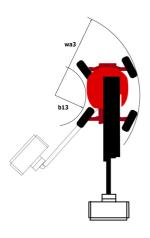
^{*}Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle"

160 ATJ+ e - Load chart

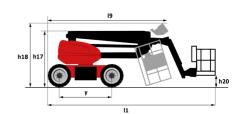
Load Chart for MEWP Metric



160 ATJ+ e - Dimensional drawing







Equipment

220V predisposition in the platform

4 simultaneous movements

4 wheel drive

4 wheel steer with crab mode

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

Backup electrical pump

Basket 1,800 mm

CAN bus technology

Dead man pedal

Differential locking on rear axle

Easy Link with 2 year Service

Easy Manager

Emergency stop button in platform and on frame

Front axle with limited slip

Fully galvanized basket with demountable floor

Horn in the platform

Hour meter

LED rotating beacon

Leveling unlocking

Load sensing pump

Oscillating front axle

Screen information in the basket

Secondary Protection System (SPS)

Simplified lifting system without spreader bar

Slinging and securing rings

Steer and rotate

Turret orientation information

Optional

18" tyres

Beep on forward and backward by Lynx alarm

Biodegradable hydraulic oil - Grade 32

Biodegradable oil

Bottom screen protection

Continuous turret rotation

Digicode anti-theft device

Easy Link - With access control keypad

Easy link - With remote lock

Electric centralized filling

External pneumatic supply source

Fully galvanized basket 1800mm / 5'11" with lateral door

Galvanized basket 2,100 mm

Galvanized basket 2.100 mm / 6'11" with lateral door

Key lock on turret cover

Lighting pack

Locking the telescope by parameter setting

OSS - Operation Safety System

Personalized paintwork

Safety kit - Harness + helmet

Water predisposition





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