Technical sheet:

# 160 ATJ+ **E**





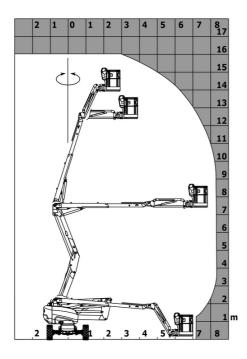


	160 ATJ+ E	Created on April 29, 2024 at 5:59:55 PM UTC
Capacities		Metric
Working height	h21	16.22 m
Floor height (access)	h20	0.42 m
Platform height	h7	14.26 m
Max. outreach		8.34 m
Overhang		7.44 m
Pendular arm rotation (left / right)		90 ° / 90 °
Pendular arm rotation (top / bottom)		+66.50 ° / -65.80 °
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	a,	0.37 m
External turning radius	Wa3	3.78 m
Ground clearance at centre of wheelbase	m2	0.39 m
Wheelbase	y	2.30 m
Performances	,	2.50 III
Drive speed - stowed		5.30 km/h
Drive speed - raised		0.70 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		
Tires type		Foam-filled
Standard tires		914 x 370 mm
Drive wheels (front / rear)		2/2
Steering wheels (front / rear)		2/2
Braking wheels (front / rear)		0 / 2
Engine/Battery		0,72
Battery voltage		48 V
Battery nominal voltage / capacity		48 V / 480 Ah
Battery energy		23 kWh
Integrated charger / charger		48 V / 60 A
Miscellaneous		40 ¥ / VU A
Ground Pressure		10.60 dan/cm2
Hydraulic Pressure		250 bar
Hydraulic tank capacity		24
Standards compliance		241
- Compliance		European directives: 2006/42/EC- Machinery
This machine is in compliance with:		(revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

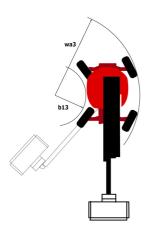
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"

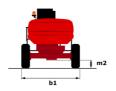
## 160 ATJ+ e - Load chart

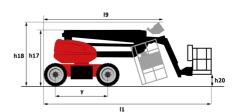
## Load Chart for MEWP Metric



160 ATJ+ e - Dimensional drawing







# **Equipment**

Turret orientation information

### 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

### 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