Technical sheet:

# 160 ATJ+



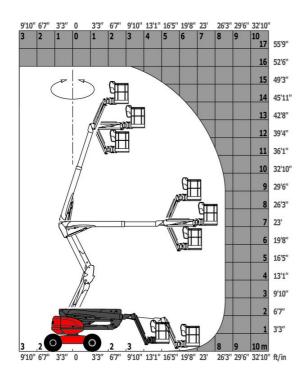


	160 ATJ+ Great	ed on July 30, 2025 at 5.02 AM OTC
Capacities		Metric
Working height	h21	16.21 m
Platform height	h7	14.21 m
Maximum outreach		8.52 m
Overhang		7.39 m
Pendular arm rotation (top / bottom)		+66.50 ° / -65.80 °
Platform capacity	Q	408 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor/ outdoor)		3/3
Weight and dimensions		
Platform weight*		7500 kg
Platform dimensions (length x width)	lp / ep	2.30 m x 0.90 m
Floor height (access)	h20	0.38 m
Overall length	l1	7.09 m
Overall width	b1	2.38 m
Overall height	h17	2.47 m
Overall length (stowed)	19	4.89 m
Overall height (stowed)	h18 ***	2.94 m
Counterweight offset (turret at 90°)	a7	0.19 m
External turning radius	Wa3	4.03 m
Ground clearance at centre of wheelbase	m2	0.40 m
Wheelbase	у	2.20 m
Performances		
Drive speed - stowed		5 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		Ů
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		V, 2
Engine brand / model		Kubota - D1105-E4B
Engine norm		Stage V
I.C. Engine power rating / Power		24.80 Hp / 18.50 kW
Miscellaneous		24.00 Hp / 10.00 KW
Ground Pressure		11.50 dan/cm2
Hydraulic Pressure		340 bar
Hydraulic tank capacity		54.20
Fuel tank		52
Noise to environment (LwA)		< 105 dB
Vibration on hands/arms		< 0.50 m/s <sup>2</sup>
Daily consumption **		4.51 l
Standards compliance		rancan directives: 2006/42/FO Machine
This machine is in compliance with:	Eu (rev	ropean directives: 2006/42/EC- Machinery ised EN280-1:2022) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

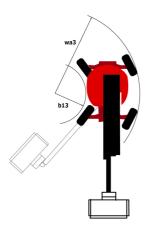
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"  $\,$ 

### 160 ATJ+ - Load chart

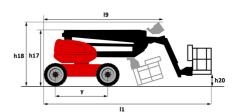
### Load Chart for MEWP Metric



# 160 ATJ+ - Dimensional drawing







## **Equipment**

#### Standard

230V Predisposition

- 4 simultaneous movements
- 4 wheel drive
- 4 wheel steer with crab mode

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

Backup electrical pump

CAN bus technology

Dead man pedal

Differential locking on rear axle

Easy Link with 2 year Service

Easy fast slinging system

Engine compartment with key lock

Front axle with limited slip

Fuel gauge with low level indicator

Heavy-duty painted basket 2.30 m

Horn in the platform

Hour meter

Integrated diagnostic assistance

LED rotating beacon

Large basket with three entries

Large color screen on turret

Leveling unlocking

Management via engine speed bearing

Oscillating front axle

Secondary Protection System (SPS)

Stop & Go system

#### Optional

Additional storage boxes

Battery blanket

Biodegradable hydraulic oil - Grade 32

Coded anti-start

Engine compartment with key lock

High capacity starting battery

Hydraulic oil heater

Large basket 2.30m with lateral door

Lockable fuel cap

Non-marking tyres

On-board generator (3,5 or 5 kW)

Painted narrow basket for heavy loads 1800mm (5 ft 11 in.)

Panel cradle

Personalized paintwork

Pipe cradle

Protection screen and key lock turret

Safety kit - Hamess + helmet

Socket 230 V + differential circuit breaker

Spark arresting muffer

Water heater

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