

Technical sheet :

160 ATJ



 **MANITOU**
HANDLING YOUR WORLD

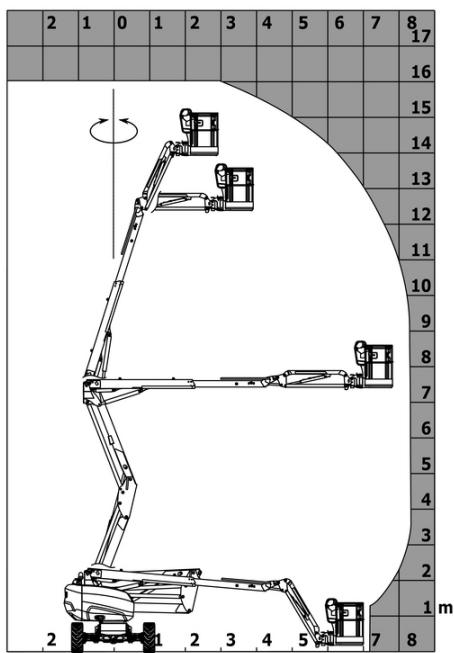
Capacities		Metric
Working height	h21	16.02 m
Platform height	h7	14.02 m
Maximum outreach		8.30 m
Overhang		7.40 m
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		6160 kg
Platform dimensions (length x width)	l _p / ep	1.80 m x 0.80 m
Floor height (access)	h20	0.45 m
Overall length	l1	6.68 m
Overall width	b1	2.32 m
Overall height	h17	2.37 m
Overall length (stowed)	l9	4.44 m
Overall height (stowed)	h18 ***	2.63 m
External turning radius	Wa3	3.63 m
Ground clearance at centre of wheelbase	m2	0.36 m
Wheelbase	y	2.20 m
Performances		
Drive speed - stowed		5 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		
Tires type		Foam-filled
Standard tires		834 x 298 mm
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Engine brand / model		Kubota - D1105-E4B
Engine nom		Stage IIIA, Stage V
Engine power (Hp / kW)		24.50 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		11.60 dan/cm ²
Hydraulic Pressure		340 bar
Hydraulic tank capacity		54 l
Fuel		52 l
Noise to environment (LwA)		105 dB
Daily consumption **		4.08 l
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

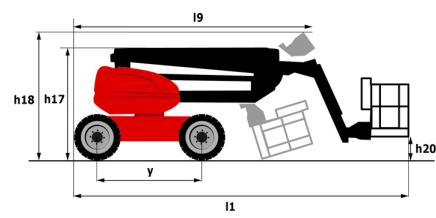
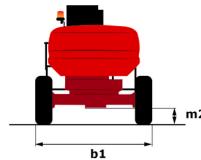
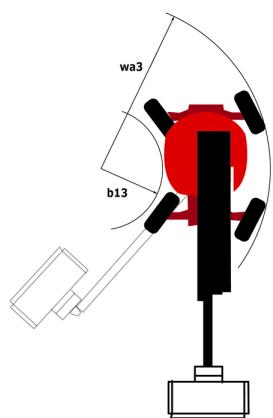
** According to "REDUCE cycle"

160 ATJ - Load chart

Load Chart for MEWP Metric



160 ATJ - Dimensional drawing



Equipment

Standard

- 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
- Emergency stop button in platform and on frame
- Engine compartment with key lock
- Front axle with limited slip
- Fuel gauge with low level indicator
- Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)
- Horn in the platform
- Hour meter
- Integrated diagnostic assistance
- Leveling unlocking
- Load sensing pump
- Oscillating front axle
- Secondary Protection System (SPS)
- Steer and rotate
- Stop & Go system

Optional

- Battery charger
- Battery cut-off
- Biodegradable hydraulic oil - Grade 32
- Coded anti-start
- Cold weather protection oil
- Fully galvanized basket 1800mm / 5'11" with lateral door
- Galvanized basket 2,100 mm
- Galvanized basket with side swing gate - Width: 2100 mm (6 ft. 11 in.)
- High capacity starting battery
- Lockable fuel cap
- Non-marking tires
- On-board generator (3,5 or 5 kW)
- Personalized paintwork
- Safety kit - Harness + helmet
- Socket 230 V + differential circuit breaker
- Spark arresting muffler
- Tires - 910x370 mm (36x15 in.) - D610 - Foam filled
- Water heater
- Water predisposition



MANITOU HANDLING YOUR WORLD

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