Technical sheet:

160 ATJ+



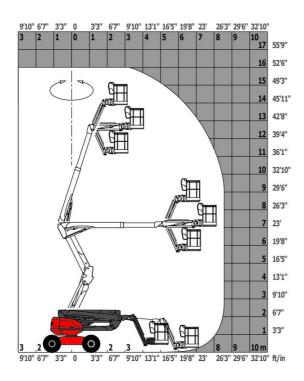


| | 160 ATJ+ Created on August 15, 2025 at 11:14 A | MUIC |
|---|---|---------|
| Capacities | Metric | |
| Working height | h21 16.21 m | |
| Platform height | h7 14.21 m | |
| Maximum outreach | 8.52 m | |
| Overhang | 7.39 m | |
| Pendular arm rotation (top / bottom) | +66.50 ° / -65.80 ° | |
| Platform 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 90Ű) | a7 0.19 m | |
| External turning radius | Wa3 4.03 m | |
| Ground clearance at centre of wheelbase | m2 0.40 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 | 914 x 370 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 norm | Stage V | |
| I.C. Engine power rating / Power | 24.80 Hp / 18.50 kW | |
| Miscellaneous | | |
| Ground Pressure | 11.50 dan/cm2 | |
| Hydraulic Pressure | 340 bar | |
| Hydraulic tank capacity | 54.20 | |
| Fuel tank | 52 I | |
| Noise to environment (LwA) | < 105 dB | |
| Vibration on hands/arms | < 0.50 m/s² | |
| Daily consumption ** | 4.51 I | |
| Standards compliance | | |
| This machine is in compliance with: | European directives: 2006/42/EC- Machir (revised EN280-1:2022) - 2004/108/EC (EMC according to EN 12895 / 2015 +A1 / 20 |) - EMC |

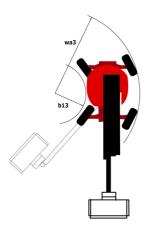
^{*}Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

160 ATJ+ - Load chart

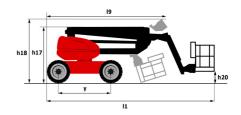
Load Chart for MEWP Metric



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