Technical sheet :

160 ATJ+



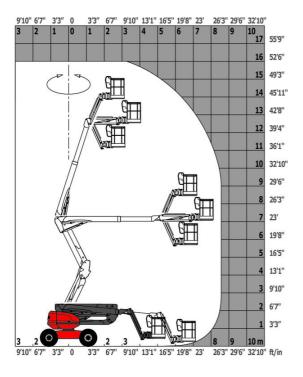


	тьо атин Created on August 15, 2025 at 11:14	AM UT(
Capacities	Metric	
Working height	h21 16.21 m	
Platform height	h7 14.21 m	
Maximum outreach	8.52 m	
Overhang	7.39 m	
Pendular arm rotation (top / bottom)	+66.50 ° / -65.80 °	
Platform capacity	Q 408 kg	
Turret rotation	350 °	
Platform rotation (right / 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		
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	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 I	
Fuel tank	52	
Noise to environment (LwA)	< 105 dB	
Vibration on hands/arms	< 0.50 m/s ²	
Daily consumption **	4.51 1	
Standards compliance		
This machine is in compliance with:	European directives: 2006/42/EC- Mach (revised EN280-1:2022) - 2004/108/EC (EM according to EN 12895 / 2015 +A1 / 2	IC) - EMC

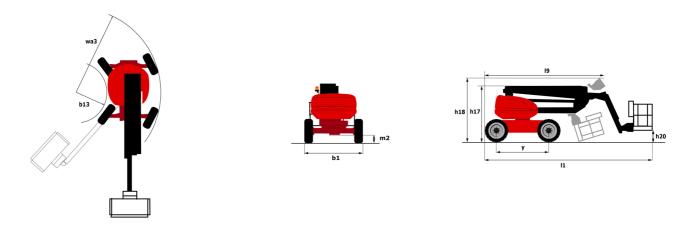
*Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

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
Hom 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