Technical sheet:

160 ATJ+



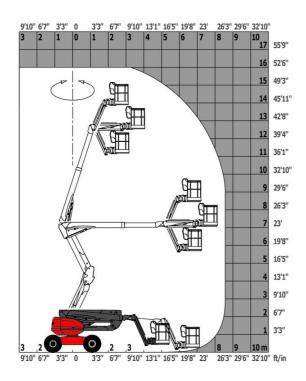


	160 ATJ+ Ui	160 ATJ+ Created on January 3, 2025 at 1:41 AM UTC	
Capacities		Metric	
Working height	h21	16.21 m	
Platform height	h7	14.21 m	
Max. outreach		8.52 m	
Overhang		7.59 m	
Pendular arm rotation (top / bottom)		+66.50 ° / -65.80 °	
Platform capacity	Q	408 kg	
Turret rotation		350 °	
Platform 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	2.45 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	0.15 m	
External turning radius	Wa3	4.09 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			
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		53 I	
Fuel tank		51 I	
Noise to environment (LwA)		< 105 dB	
Vibration on hands/arms		< 0.50 m/s²	
Daily consumption **		71	
Standards compliance			
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)	

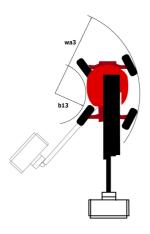
^{*}Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

160 ATJ+ - Load chart

Load Chart for MEWP Metric



160 ATJ+ - Dimensional drawing







Equipment

Stop & Go system

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 Connected machine Dead man pedal Differential locking on rear axle Easy fast slinging system Front axle with limited slip Fuel gauge with low level indicator 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

Optional 230V socket with circuit-breaker on boom head Additional storage boxes Battery blanket Battery charger automatic start Biodegradable hydraulic oil - Grade 32 Coded anti-start Continuous turret rotation Fuel tank locking cap High capacity starting battery Hydraulic oil heater Key lock on turret cover 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 Safety valve Secondary Protection System (SPS) Socket 230 V + differential circuit breaker Spark arresting muffer Water heater Water predisposition Working light





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