Technical sheet :

160 ATJ+ 롣





160 ATJ+ E	Created on Ma	ay 2, 2024 at	12:49:15 AM UTC

	160 ATJ+ E Created UII May 2, 2024 at 12.4	19. I J AIVI U I G
Capacities	Metric	
Working height	h21 16.22 m	
Floor height (access)	h20 0.42 m	
Platform height	h7 14.26 m	
Max. outreach	8.34 m	
Overhang	7.44 m	
Pendular arm rotation (left / right)	90 ° / 90 °	
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*	7790 kg	
Platform dimensions (length x width)	lp / ep 2.30 m x 0.90 m	
Overall length	l1 6.88 m	
Overall width	b1 2.38 m	
Overall height	h17 2.48 m	
Overall length (stowed)	l9 4.70 m	
Overall height (stowed)	h18 2.94 m	
Counterweight offset (turret at 90°)	a7 0.37 m	
Counterweight Oversize / Reach	0.37 m	
External turning radius	Wa3 3.78 m	
Ground clearance at centre of wheelbase	m2 0.39 m	
Wheelbase	y 2.30 m	
Performances	, <u> </u>	
Drive speed - stowed	5.30 km/h	
Drive speed - raised	0.70 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		
Battery voltage	48 V	
Battery nominal voltage / capacity	48 V / 480 Ah	
Battery energy	23 kWh	
Integrated charger / charger	48 V / 60 A	
Miscellaneous		
Ground Pressure	10.60 dan/cm2	
Hydraulic Pressure	250 bar	
Hydraulic tank capacity	241	
Standards compliance		
This machine is in compliance with:	European directives: 2006/42/EG (revised EN280:2013) - 2004/10/ 2006/95/EC (Low volta	8/EC (EMC) -

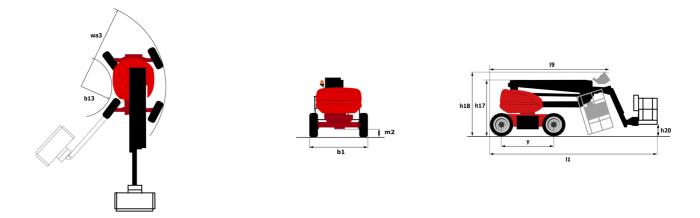
*Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

160 ATJ+ e - Load chart

Load Chart for MEWP Metric



160 ATJ+ e - 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
Easy Manager
Emergency stop button in platform and on frame
Front axle with limited slip
Fully galvanized basket with demountable floor
Horn in the platform
Hour meter
LED rotating beacon
Leveling unlocking
Load sensing pump
Oscillating front axle
Screen information in the basket
Secondary Protection System (SPS)
Simplified lifting system without spreader bar
Slinging and securing rings
Steer and rotate
Turret orientation information

Optional
18" tyres
Beep on forward and backward by Lynx alarm
Biodegradable hydraulic oil - Grade 32
Biodegradable oil
Bottom screen protection
Continuous turret rotation
Digicode anti-theft device
Easy Link - With access control keypad
Easy link - With remote lock
Electric centralized filling
External pneumatic supply source
Fully galvanized basket 1800mm / 5'11" with lateral door
Galvanized basket 2,100 mm
Galvanized basket 2.100 mm / 6'11" with lateral door
Key lock on turret cover
Lighting pack
Locking the telescope by parameter setting
OSS - Operation Safety System
Personalized paintwork
Safety kit - Hamess + helmet
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