Technical sheet :

# **160 ATJ+**



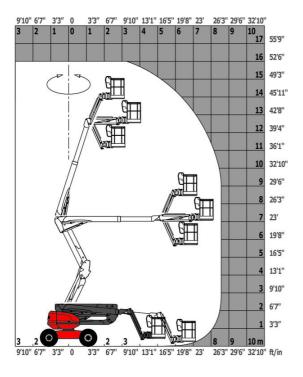


Capacities	Metric	
/orking height	h21 16.21 m	-
atform height	h7 14.21 m	
ax. outreach	8.52 m	
verhang	7.59 m	
endular arm rotation (top / bottom)	+66.50 ° / -65.80 °	
atform capacity	Q 408 kg	
irret rotation	350 °	
atform rotation (right / left)	90 ° / 90 °	
umber of people (indoor / outdoor)	3/3	
eight and dimensions	373	
atform weight*	7500 kg	
atform dimensions (length x width)		
,		
oor height (access)	h20 0.38 m	
verall length	l1 7.09 m	
verall width	b1 2.45 m	
verall height	h17 2.47 m	
verall length (stowed)	l9 4.89 m	
verall height (stowed)	h18 *** 2.94 m	
punterweight offset (turret at 90°)	a7 0.15 m	
ternal turning radius	Wa3 4.09 m	
ound clearance at centre of wheelbase	m2 0.40 m	
heelbase	y 2.20 m	
erformances		
ive speed - stowed	5 km/h	
ive speed - raised	1 km/h	
radeability	45 %	
ermissible leveling	5°	
heels		
res type	Foam-filled	
andard tires	914 x 370 mm	
ive wheels (front / rear)	2 / 2	
eering wheels (front / rear)	2 / 2	
aking wheels (front / rear)	0 / 2	
ngine/Battery		
ngine brand / model	Kubota - D1105-E4B	
igine norm	Stage V	
C. Engine power rating / Power	24.80 Hp / 18.50 kW	
iscellaneous		
round Pressure	11.50 dan/cm2	
rdraulic Pressure	340 bar	
/draulic tank capacity	53 1	
iel tank	51	
pise to environment (LwA)	< 105 dB	
bration on hands/arms	< 0.50 m/s <sup>2</sup>	
aily consumption **	71	
andards compliance		
is machine is in compliance with:	European directives: 2006/42/EC- (revised EN280:2013) - 2004/108/ 2006/95/EC (Low voltag	/EC (EMC)

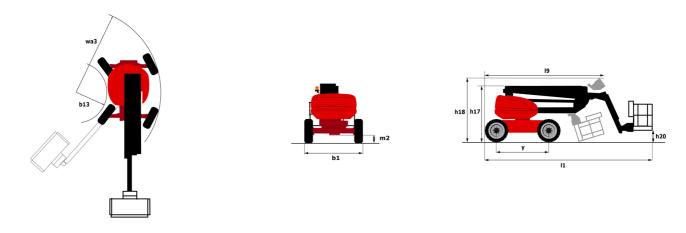
\*Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"  $\,$ 

### 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
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
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
Stop & Go system

#### 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