Technical sheet:

160 ATJ 4WS ST5 RC



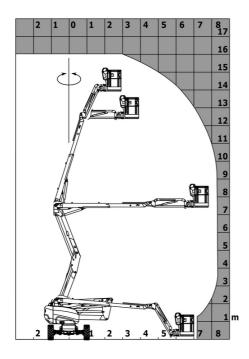


	160 ATJ 4WS ST5 RC	Created on August 10, 2025 at 8:26 AM UTC
Capacities		Metric
Working height	h21	16.02 m
Platform height	h7	14.02 m
Maximum outreach		8.30 m
Overhang		7.40 m
Pendular arm rotation (bottom)		+59.50 °
Platform capacity	Q	230 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2/2
Weight and dimensions		
Platform weight*		6118 kg
Platform dimensions (length x width)	lp / ep	1.80 m x 0.80 m
Floor height (access)	h20	0.40 m
Overall length	11	6.68 m
Overall width	b1	2.38 m
Overall height	h17	2.37 m
Overall length (stowed)	19	4.44 m
- , ,	h18 ***	
Overall height (stowed)		2.63 m
Counterweight offset (turret at 90Ű)	a7	0.19 m
External turning radius	Wa3	3.63 m
Ground clearance at centre of wheelbase	m2	0.36 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
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		Interim Tier 4, Stage IIIA, Stage V
I.C. Engine power rating / Power		24.50 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		11.60 dan/cm2
Hydraulic Pressure		340 bar
Hydraulic tank capacity		54.20 l
Fuel tank		52 I
Noise to environment (LwA)		< 105 dB
Daily consumption **		4.51 l
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC· Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019

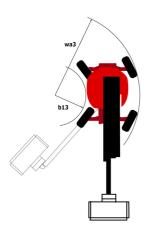
^{*}Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

160 ATJ 4WS ST5 RC - Load chart

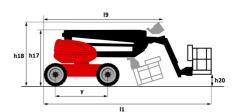
Load Chart for MEWP Metric



160 ATJ 4WS ST5 RC - 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

Continuous turret rotation

Dead man pedal

Differential locking on rear axle

Easy Link with 2 year Service

Emergency stop button in platform and on frame

Engine compartment with key lock

Front axle with limited slip

Fuel gauge with low level indicator

Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)

Hom in the platform

Hour meter

Integrated diagnostic assistance

Leveling unlocking

Load sensing pump

Oscillating front axle

Secondary Protection System (SPS)

Steer and rotate

Stop & Go system

Optional

Battery charger

Battery cut-off

Biodegradable hydraulic oil - Grade 32

Coded anti-start

Cold weather protection oil

Fully galvanized basket 1800mm / 5'11" with lateral door

Galvanized basket 2,100 mm

Galvanized basket with side swing gate - Width: 2100 mm (6 ft. 11 in.)

High capacity starting battery

Lockable fuel cap

Non-marking tyres

On-board generator (3,5 or 5 kW)

Personalized paintwork

Safety kit - Hamess + helmet

Socket 230 V + differential circuit breaker

Spark arresting muffer

Tires - 910x370 mm (36x15 in.) - D610 - Foam filled

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