Technical sheet:

160 ATJ 4WS ST5



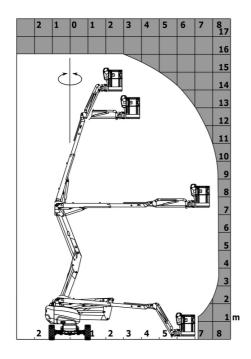


	160 ATJ 4WS ST5 Created on June 16, 2025 at 5:49 AM L
Capacities	Metric
Working height	h21 16.02 m
Platform height	h7 14.02 m
Maximum outreach	8.30 m
Overhang	7.40 m
Pendular arm rotation (top / bottom)	+65°/-59.50°
Platform capacity	Q 230 kg
Turret rotation	350 °
Platform rotation (right / left)	90 ° / 90 °
Number of people (indoor / outdoor)	2/2
Weight and dimensions	
Platform weight*	6160 kg
Platform dimensions (length x width)	lp / ep 1.80 m x 0.80 m
, - , , , , , , , , , , , , , , , , , ,	h20 0.45 m
Floor height (access)	
Overall length	
Overall width	
Overall height	h17 2.37 m
Overall length (stowed)	l9 4.44 m
Overall height (stowed)	h18 *** 2.63 m
External turning radius	Wa3 3.63 m
Ground clearance at centre of wheelbase	m2 0.36 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	834 x 298 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	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	541
Fuel tank	521
Noise to environment (LwA)	< 105 dB
Daily consumption **	4.08
Standards compliance	4.001
This machine is in compliance with:	European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

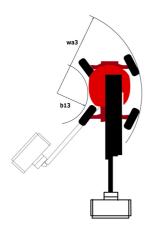
^{*}Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

160 ATJ 4WS ST5 - Load chart

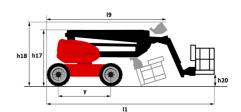
Load Chart for MEWP Metric



160 ATJ 4WS ST5 - Dimensional drawing







Equipment

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 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 demountable floor Horn 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 2.100 mm / 6'11" with lateral door High capacity starting battery Lockable fuel cap Non-marking tyres On-board generator (3,5 or 5 kW) Personalized paintwork Safety kit - Harness + 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