

Technical sheet :

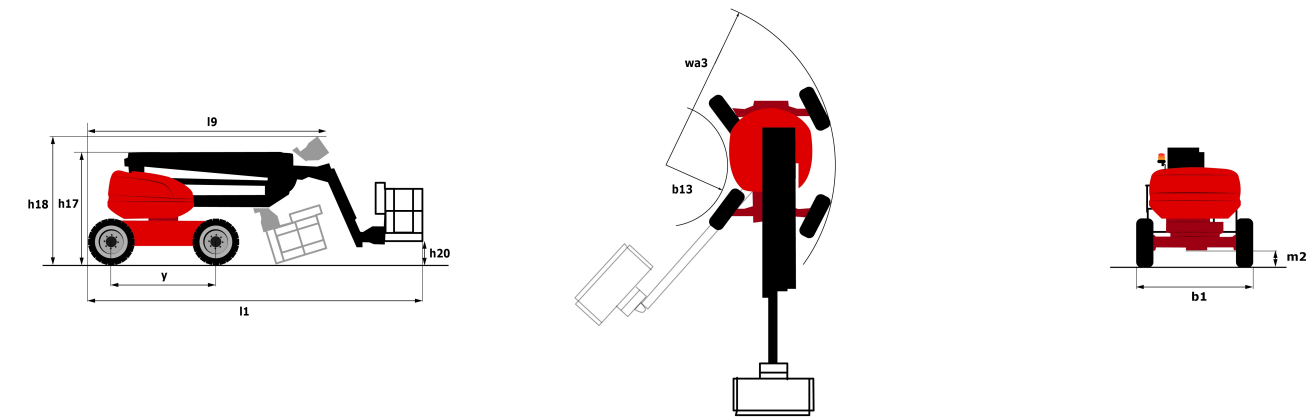
ATJ 46



Capacities		Metric	Imperial
Working height	h21	16.01 m	52 ft 6 in
Platform height	h7	14.01 m	46 ft
Max. outreach	l4	8.3 m	27 ft 3 in
Overhang	l5	7.5 m	24 ft 7 in
Pendular arm rotation (bottom)		+59.5 °	+59.5 °
Platform capacity	Q	227 kg	500 lbs
Turret rotation		350 °	350 °
Platform rotation (right / left)		90 ° / 90 °	90 ° / 90 °
Number of people (inside / outside)		2 / 2	2 / 2
Weight and dimensions			
Platform weight*		6052 kg	13342 lbs
Platform dimensions (length x width)	lp / ep	2.1 m x 0.8 m	6 ft 11 in x 2 ft 7 in
Overall width	b1	2.32 m	7 ft 7 in
Overall length	l1	6.68 m	21 ft 11 in
Overall height	h17	2.37 m	7 ft 9 in
Overall length (stowed)	l9	4.49 m	14 ft 9 in
Overall height (stowed)	h18	2.83 m	9 ft 3 in
Floor height (access)	h20	0.4 m	1 ft 4 in
Counterweight offset (turret at 90°)	a7	0.22 m	9 in
Internal turning radius (over tyres)	b13	2.29 m	7 ft 6 in
External turning radius	Wa3	5.17 m	17 ft
Ground clearance at centre of wheelbase	m2	0.36 m	1 ft 2 in
Wheelbase	y	2.2 m	7 ft 3 in
Performances			
Drive speed - stowed		5 km/h	3.1 mph
Drive speed - raised		1 km/h	0.6 mph
Gradeability		45 %	45 %
Wheels			
Tyres type		Foam-filled	Foam-filled
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 0	2 / 0
Braking wheels (front / rear)		0 / 2	0 / 2
Engine/Battery			
Engine brand / model / norm		Kubota - D1105-E4B - Tier IV Final	Kubota - D1105-E4B - Tier IV Final
I.C. Engine power rating / Power (kW)		24.8 Hp / 18.5 kW	24.8 Hp / 18.5 kW
Miscellaneous			
Ground Pressure		9.6 daN/cm²	9.6 daN/cm²
Hydraulic Pressure		340 Bar	23 PSI
Hydraulic tank capacity		54 l	11.88 gal
Fuel tank		52 l	11.44 gal
Noise to environment (LwA)		105 dB(A)	105 dB(A)
Vibration on hands/arms		< 0.5 m/s	< 1.64 ft/s
Standards compliance			
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC	ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

9'10"	6'7"	3'3"	0	3'3"	6'7"	9'10"	13'1"	16'5"	19'8"	23'	26'3"	29'6"	32'10"	17	55'9"
3	2	1	0	1	2	3	4	5	6	7	8	9	10	16	52'6"
														15	49'3"
														14	45'11"
														13	42'8"
														12	39'4"
														11	36'1"
														10	32'10"
														9	29'6"
														8	26'3"
														7	23'
														6	19'8"
														5	16'5"
														4	13'1"
														3	9'10"
														2	6'7"
1	3'3"														
3	2	1	0	1	2	3	4	5	6	7	8	9	10 m		
9'10"	6'7"	3'3"	0	3'3"	6'7"	9'10"	13'1"	16'5"	19'8"	23'	26'3"	29'6"	32'10"		ft/in

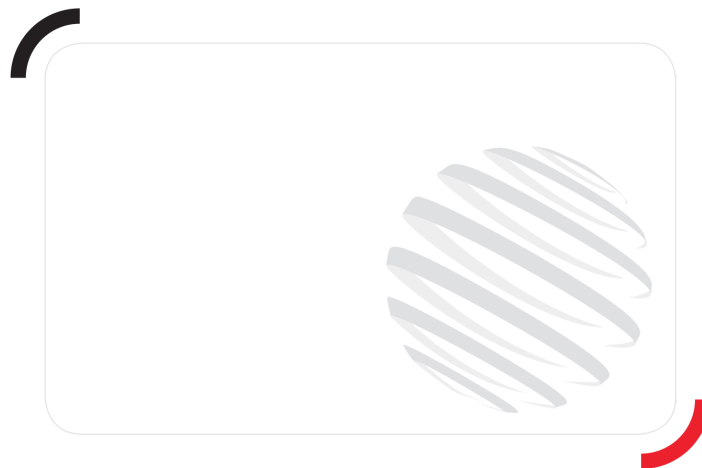
Dimensional drawing



Equipment

Standard
110 V plug with differential circuit breaker
4 simultaneous movements
4 wheel drive
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Basket 1,800 mm
Battery cut-off
CAN bus technology
Dead man pedal
Differential locking on rear axle
Drive safety orientation system
Easy Manager
Emergency stop button in platform and on frame
Flat Led Rotating Beacon
Front axle with limited slip
Fuel gauge with low level indicator
Fully galvanized basket with demountable floor
Integrated diagnostic assistance
Lift and drive
Lockable fuel cap
Management via engine speed bearing
Pendular arm
Proportional controls
Protective cover for control panel
Steer and rotate
Swinging gate on platform
Tie down and lifting rings
Water heater
Optional
Air predisposition
Beep on every movement
Beep upon travel
Biodegradable oil
Cold weather kit
Drive safety orientation system

Optional
Extreme cold oil
Foam filled tyres
Lockable turret cover
Onboard generator (3,5 or 5 kW)
SMS : Safe Man System
Water predisposition
Working light



Siège Social
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 brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508
RCS Nantes