

Technical sheet :

160 ATJ+

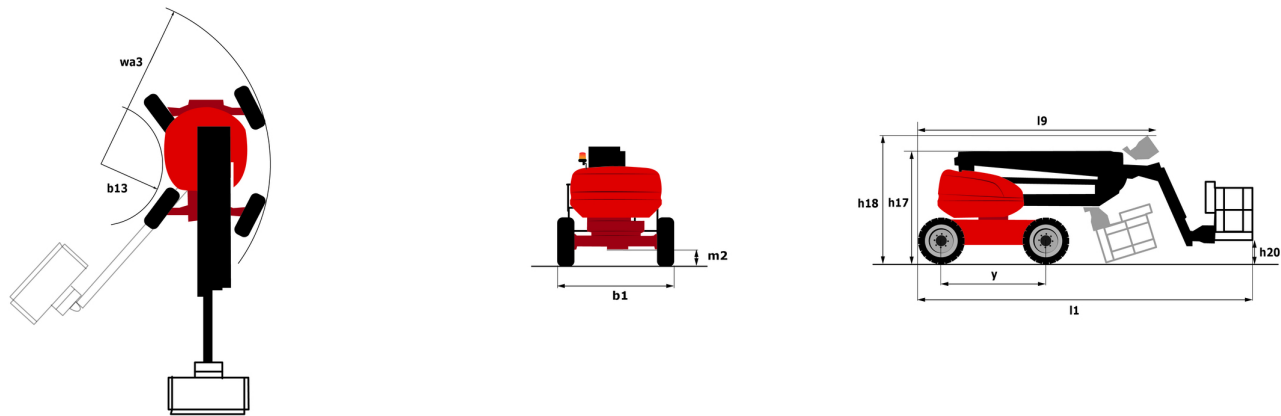


 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Working height	h21	53 ft 2 in
Platform height	h7	46 ft 7 in
Maximum outreach		27 ft 11 in
Overhang		24 ft 11 in
Pendular arm rotation (top / bottom)		+66.50 ° / -65.80 °
Platform capacity	Q	899 lb
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		3 / 3
Weight and dimensions		
Platform weight*		16535 lb
Platform dimensions (length x width)	lp / ep	7 ft 7 in x 2 ft 11 in
Floor height (access)	h20	1 ft 3 in
Overall length	l1	23 ft 3 in
Overall width	b1	8 ft
Overall height	h17	8 ft 1 in
Overall length (stowed)	l9	16 ft 1 in
Overall height (stowed)	h18 ***	9 ft 8 in
Counterweight offset (turret at 90Å°)	a7	6 in
External turning radius	Wa3	13 ft 5 in
Ground clearance at centre of wheelbase	m2	1 ft 4 in
Wheelbase	y	7 ft 3 in
Performances		
Drive speed - stowed		3 mph
Drive speed - raised		0.62 mph
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		
Engine brand / model		Kubota - D1105-E4B
Engine norm		Stage V
I.C. Engine power rating / Power		24.80 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		167 PSI
Hydraulic Pressure		4931 PSI
Hydraulic tank capacity		14 US gal
Fuel tank		13 US gal
Noise to environment (LwA)		< 105 dB
Vibration on hands/arms		< 0.50 m/s²
Daily consumption **		2 US gal
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 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+ - 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
Engine compartment with key lock
Fuel tank locking cap
High capacity starting battery
Hydraulic oil heater
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 - Harness + helmet
Safety valve
Secondary Protection System (SPS)
Socket 230 V + differential circuit breaker
Spark arresting muffler
Water heater
Water predisposition
Working light



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