

Technical sheet :

160 ATJ+



 **MANITOU**
HANDLING YOUR WORLD

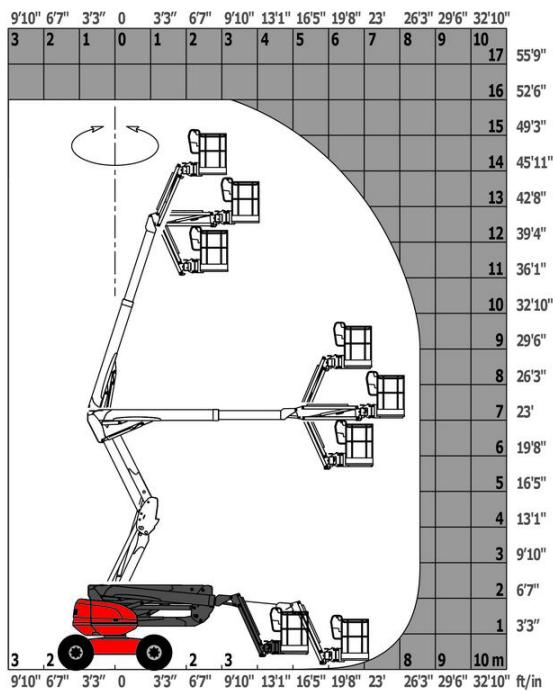
Capacities		Metric
Working height	h21	16.21 m
Platform height	h7	14.21 m
Maximum outreach		8.52 m
Overhang		7.39 m
Pendular arm rotation (top / bottom)		+66.50 ° / -65.80 °
Platform capacity	Q	408 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		3 / 3
Weight and dimensions		
Platform weight*		7500 kg
Platform dimensions (length x width)	l _p / ep	2.30 m x 0.90 m
Floor height (access)	h20	0.38 m
Overall length	l1	7.09 m
Overall width	b1	2.38 m
Overall height	h17	2.47 m
Overall length (stowed)	l9	4.89 m
Overall height (stowed)	h18 ***	2.94 m
Counterweight offset (turret at 90°)	a7	0.19 m
External turning radius	Wa3	4.03 m
Ground clearance at centre of wheelbase	m2	0.40 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		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 IIIA, Stage V
Engine power (Hp / kW)		24.80 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		11.50 dan/cm ²
Hydraulic Pressure		340 bar
Hydraulic tank capacity		54.20 l
Fuel		52 l
Noise to environment (L _{WA})		< 105 dB
Vibration on hands/arms		< 0.50 m/s ²
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

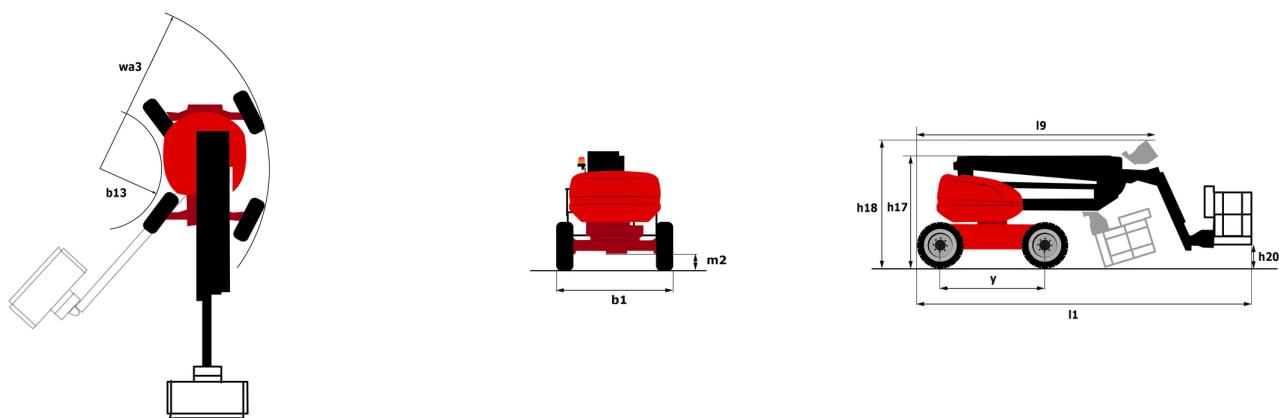
** According to "REDUCE cycle"

160 ATJ+ - 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
- Dead man pedal
- Differential locking on rear axle
- Easy Link with 2 year Service
- Easy fast slinging system
- Engine compartment with key lock
- Front axle with limited slip
- Fuel gauge with low level indicator
- Heavy-duty painted basket 2.30 m
- Horn 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
- Secondary Protection System (SPS)
- Stop & Go system

Optional

- Additional storage boxes
- Battery blanket
- Biodegradable hydraulic oil - Grade 32
- Coded anti-start
- Engine compartment with key lock
- High capacity starting battery
- Hydraulic oil heater
- Large basket 2.30m with lateral door
- Lockable fuel cap
- Non-marking tires
- 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
- Socket 230 V + differential circuit breaker
- Spark arresting muffler
- Water heater
- Water predisposition



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