

Technical sheet :

160 ATJ



 **MANITOU**
HANDLING YOUR WORLD

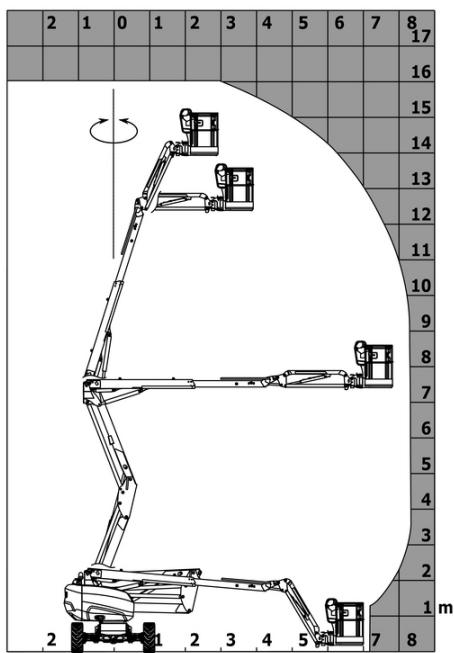
Capacities		Metric
Working height	h21	16.02 m
Platform height	h7	14.02 m
Maximum outreach		8.30 m
Overhang		7.40 m
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		6160 kg
Platform dimensions (length x width)	l _p / ep	1.80 m x 0.80 m
Floor height (access)	h20	0.45 m
Overall length	l1	6.68 m
Overall width	b1	2.32 m
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 nom		Stage IIIA, Stage V
Engine power (Hp / kW)		24.50 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		11.60 dan/cm ²
Hydraulic Pressure		340 bar
Hydraulic tank capacity		54 l
Fuel		52 l
Noise to environment (LwA)		< 105 dB
Daily consumption **		4.08 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

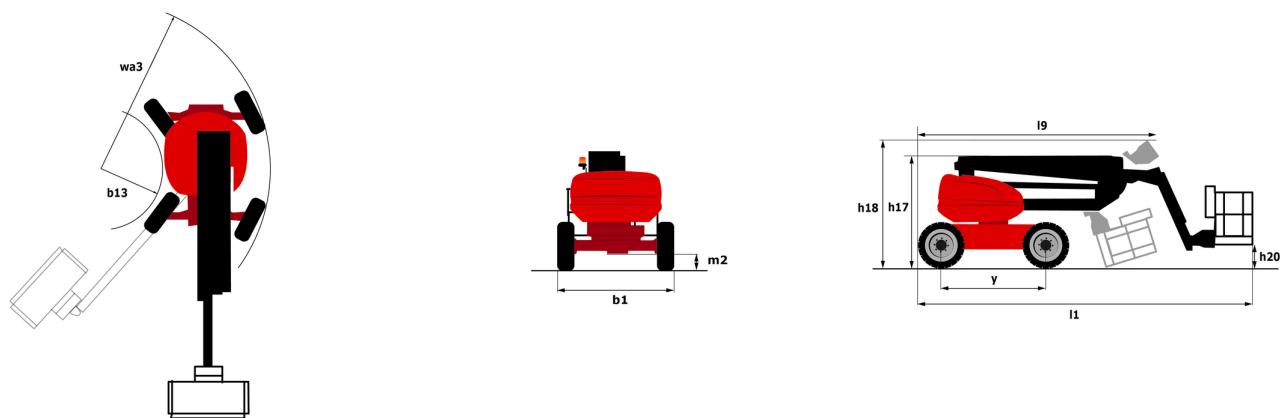
** According to "REDUCE cycle"

160 ATJ - Load chart

Load Chart for MEWP Metric



160 ATJ - Dimensional drawing



Equipment

Standard

- 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 removable floor - Width: 2100 mm (6 ft. 11 in.)
- 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 with side swing gate - Width: 2100 mm (6 ft. 11 in.)
- High capacity starting battery
- Lockable fuel cap
- Non-marking tires
- On-board generator (3,5 or 5 kW)
- Personalized paintwork
- Safety kit - Harness + helmet
- Socket 230 V + differential circuit breaker
- Spark arresting muffler
- Tires - 910x370 mm (36x15 in.) - D610 - Foam filled
- Water heater
- Water predisposition



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