

Technical sheet :

160 ATJ



 **MANITOU**
HANDLING YOUR WORLD

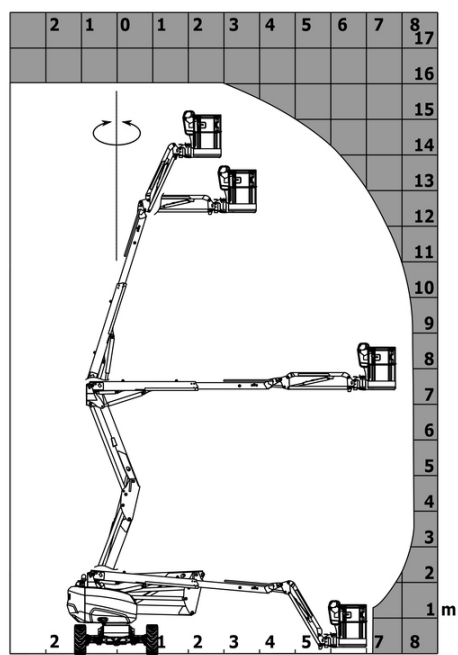
Capacities		Metric
Working height	h21	16.02 m
Platform height	h7	14.02 m
Max. outreach		8.30 m
Overhang		7.40 m
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		6160 kg
Platform dimensions (length x width)	lp / ep	1.80 m x 0.80 m
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 norm		Stage IIIA, Stage V
Engine power (Hp / kW)		24.50 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		11.60 daN/cm2
Hydraulic Pressure		340 bar
Hydraulic tank capacity		54 l
Fuel tank capacity		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

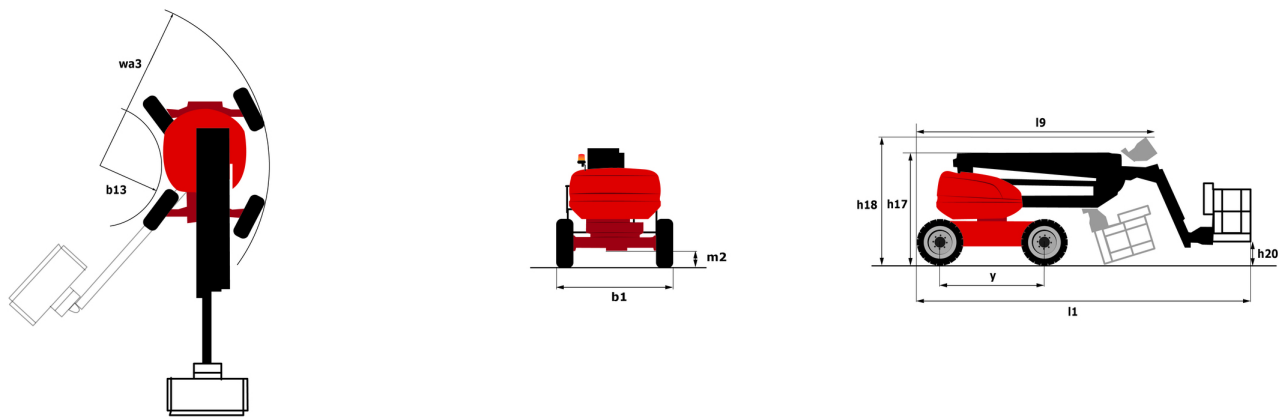
** According to "REDUCE cycle"

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

Additional foot-operated horn

Audible alarm and illuminated indicator lamp (leveling, overload, lowering)

Backup electrical pump

Basket 1,800 mm

CAN bus technology

Differential locking on rear axle

Driver presence pedal

Easy Link with 2 year Service

Emergency stop button in platform and on frame

Front axle with limited slip

Fuel gauge with low level indicator

Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)

Hour meter

Integrated diagnostic assistance

Key lock on turret cover

Leveling unlocking

Load sensing pump

Oscillating front axle

Secondary Protection System (SPS)

Simultaneous steering and turret rotation functions

Stop & Go system

Optional

Antitheft digicode

Battery charger

Battery cut-off

Biodegradable hydraulic oil - Grade 32

Cold weather protection oil

Diesel tank locking cap

Electric plug - 230V - In the basket - With differential circuit breaker - Europe (E/F) type

Engine pre-heater

Galvanized basket - Width: 1800 mm (5 ft. 11 in.) + Side swing gate

Galvanized basket - Width: 2100 mm (6 ft. 11 in.)

Galvanized basket - Width: 2100 mm (6 ft. 11 in.) + Side swing gate

Higher capacity battery, to start the machine easily in cold countries.

Non-marking tires

On-board generator (3,5 or 5 kW)

Safety kit - Helmet and harness

Spark arrester muffler

Tires - 910x370 mm (36x15 in.) - D610 - Foam filled

Water pre-fitting



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