

Technical sheet :

160 ATJ



 **MANITOU**
HANDLING YOUR WORLD



HONEST, RELIABLE & REACTIVE
SOLUTIONS FOR WORKING AT HEIGHT



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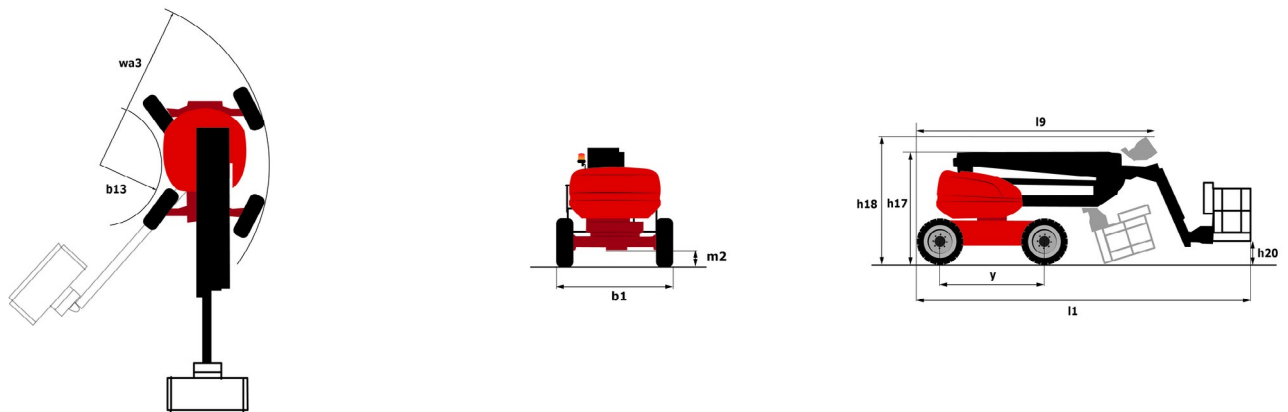
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Capacities		Metric
Working height	h21	16.02 m
Floor height (access)	h20	0.45 m
Platform height	h7	14.02 m
Max. outreach		8.30 m
Overhang		7.50 m
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	230 kg
Turret rotation		350 °
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
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
Counterweight offset (turret at 90°)	a7	0.22 m
Counterweight Oversize / Reach		0.22 m
External turning radius	Wa3	3.75 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		Interim Tier 4, Stage IIIA, Stage V
I.C. Engine power rating / Power		24.50 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		11.60 dan/cm2
Hydraulic Pressure		340 bar
Hydraulic oil tank capacity		54 l
Fuel tank		52 l
Sound level at platform		105 dB
Noise to environment (LwA)		< 105 dB
Daily consumption **		4.08 l

*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

- 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 Manager
- Emergency stop button in platform and on frame
- Front axle with limited slip
- Fuel gauge with low level indicator
- Fully galvanized basket with demountable floor
- Hom in the platform
- Hour meter
- Leveling unlocking
- Load sensing pump
- Oscillating front axle
- Steer and rotate
- Stop & Go system

Optional

- 18" tyres
- Battery charger
- Battery cut-off
- Biodegradable oil
- Catalytic cleaner
- Coded anti-start
- Cold weather protection oil
- Continuous turret rotation
- Fully galvanized basket 1800mm / 5'11" with lateral door
- Galvanized basket 2,100 mm
- Highly capacity battery
- Lockable fuel cap
- On-board generator (3,5 or 5 kW)
- Personalized paintwork
- Safety harness
- Secondary Protection System (SPS)
- Spark arrester
- Water heater
- Water predisposition
- Working headlight in platform

Load Chart for MEWP Metric

