

Technical sheet :

160 ATJ+



 **MANITOU**
HANDLING YOUR WORLD

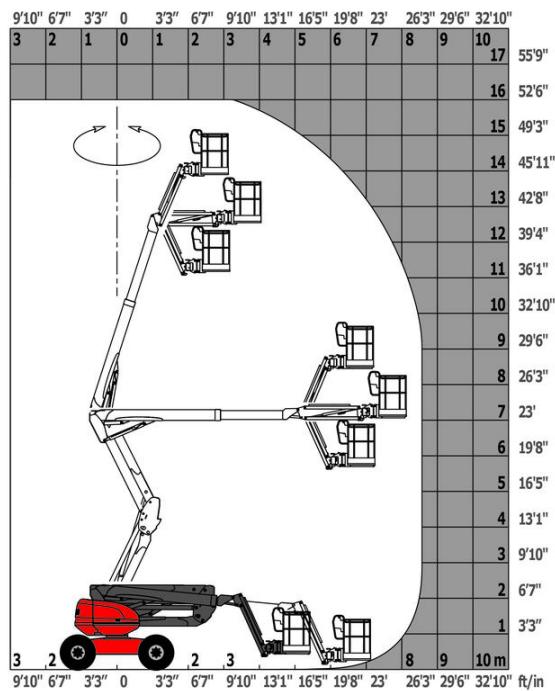
| Capacities | | Metric |
|---|---------------------|---|
| Working height | h21 | 16.21 m |
| Platform height | h7 | 14.21 m |
| Maximum outreach | | 8.52 m |
| Overhang | | 7.39 m |
| Pendular arm rotation (top / bottom) | | +66.50 ° / -65.80 ° |
| Platform capacity | Q | 408 kg |
| Turret rotation | | 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

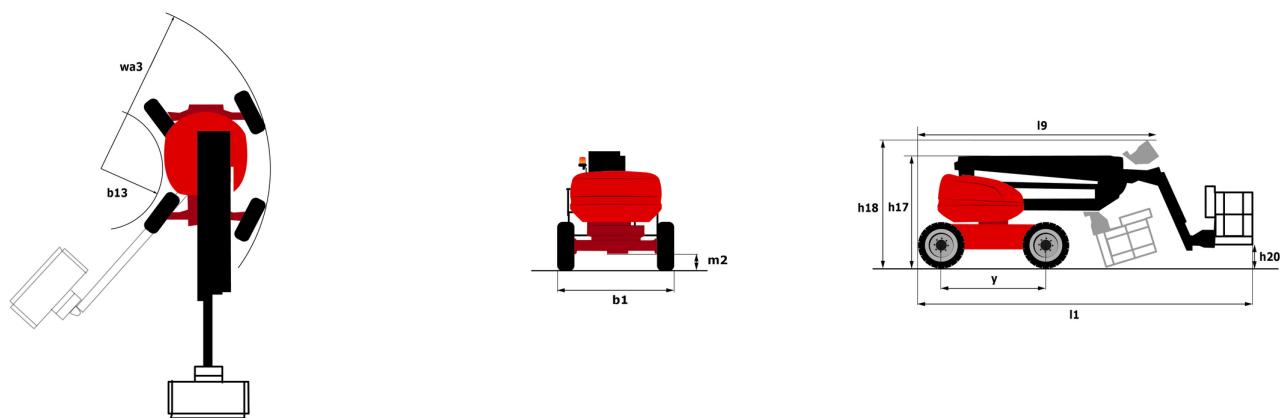
** According to "REDUCE cycle"

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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