

Technical sheet :

160 ATJ+



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|---------|---|
| Working height | h21 | 16.21 m |
| Platform height | h7 | 14.21 m |
| Max. 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) | lp / 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 nom | | Stage IIIA, Stage V |
| Engine power (Hp / kW) | | 24.80 Hp / 18.50 kW |
| Miscellaneous | | |
| Ground Pressure | | 11.50 daN/cm2 |
| Hydraulic Pressure | | 340 bar |
| Hydraulic tank capacity | | 54.20 l |
| Fuel tank capacity | | 52 l |
| Noise to environment (LWA) | | < 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

4 simultaneous movements
4 wheel drive
4 wheel steer with crab mode
Additional foot-operated hom
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Backup electrical pump
CAN bus technology
Differential locking on rear axle
Driver presence pedal
Easy Link with 2 year Service
Easy fast slinging system
Electrical pre-fitting - 230V
Front axle with limited slip
Fuel gauge with low level indicator
Hour meter
Integrated diagnostic assistance
Key lock on turret cover
LED rotating beacon
Large basket with three entries
Large color screen on turret
Leveling unlocking
Management via engine speed bearing
Oscillating front axle
Painted basket - For heavy loads - Width: 2300 mm (7 ft. 7 in.)
Secondary Protection System (SPS)
Stop & Go system

Optional

Additional storage boxes
Anti-theft digicode
Biodegradable hydraulic oil - Grade 32
Diesel tank locking cap
Electric plug - 230V - In the basket - With differential circuit breaker - Europe (E/F) type
Engine pre-heater
Higher capacity battery, to start the machine easily in cold countries.
Hydraulic oil pre-heater
Key lock on turret cover
Large basket 2.30m with lateral door
Lower control box protection - With key lock on turret
Non-marking tires
On-board generator (3,5 or 5 kW)
Painted narrow basket for heavy loads 1800mm (5 ft 11 in.)
Panel support kit
Personalized paintwork
Safety kit - Helmet and harness
Spark arrester muffler
Starter battery blanket
Tube support kit
Water pre-fitting

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