

Technical sheet :

160 ATJ+ RC



 **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 | | 360 ° |
| 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 |
| 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 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 | | 54.20 l |
| Fuel | | 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

160 ATJ+ RC - Load chart

Load Chart for MEWP Metric



160 ATJ+ RC - 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
 Continuous turret rotation
 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
 Battery charger automatic start
 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
 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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