

Technical sheet :

160 ATJ 4WS ST5



 **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 | | 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/cm ² |
| Hydraulic Pressure | | 340 bar |
| Hydraulic tank capacity | | 54 l |
| Fuel tank | | 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) - 2006/95/EC (Low voltage) |

*Varies according to options and standards of the country to which the machine is delivered

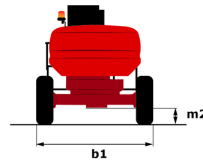
** According to "REDUCE cycle"

160 ATJ 4WS ST5 - Load chart

Load Chart for MEWP Metric



160 ATJ 4WS ST5 - 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 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 demountable floor
 Horn in the platform
 Hour meter
 Integrated diagnostic assistance
 Leveling unlocking
 Load sensing pump
 Oscillating front axle
 Secondary Protection System (SPS)
 Steer and rotate
 Stop & Go system

Optional

Battery charger
 Battery cut-off
 Biodegradable hydraulic oil - Grade 32
 Coded anti-start
 Cold weather protection oil
 Fully galvanized basket 1800mm / 5'11" with lateral door
 Galvanized basket 2,100 mm
 Galvanized basket 2.100 mm / 6'11" with lateral door
 High capacity starting battery
 Lockable fuel cap
 Non-marking tyres
 On-board generator (3,5 or 5 kW)
 Personalized paintwork
 Safety kit - Harness + helmet
 Socket 230 V + differential circuit breaker
 Spark arresting muffler
 Tires - 910x370 mm (36x15 in.) - D610 - Foam filled
 Water heater
 Water predisposition



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