

Ficha técnica :

# 180 ATJ



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                              |         | Métrico  |
|---|---------|--|
| Working height                          | h21     | 18.18 m  |
| Platform height                         | h7      | 16.18 m  |
| Max. outreach                           |         | 10.51 m  |
| Overhang                                |         | 7.42 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*                        |         | 7430 kg  |
| Platform dimensions (length x width)    | lp / ep | 1.80 m x 0.80 m  |
| Floor height (access)                   | h20     | 0.43 m   |
| Overall length                          | l1      | 7.79 m   |
| Overall width                           | b1      | 2.32 m   |
| Overall height                          | h17     | 2.47 m   |
| Overall length (stowed)                 | l9      | 5.56 m   |
| Overall height (stowed)                 | h18 *** | 2.56 m   |
| Counterweight offset (turret at 90°)    | a7      | 0.22 m   |
| External turning radius                 | Wa3     | 3.63 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   |
| I.C. Engine power rating / Power        |         | 24.80 Hp / 18.50 kW  |
| Miscellaneous                           |         |  |
| Ground Pressure                         |         | 10 dan/cm2   |
| Hydraulic Pressure                      |         | 340 bar  |
| Hydraulic tank capacity                 |         | 54 l   |
| Fuel tank                               |         | 52 l   |
| Vibration on hands/arms                 |         | < 0.50 m/s <sup>2</sup>  |
| Daily consumption **                    |         | 4.27 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

# Equipamiento

## Estándar

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  
Differential locking on rear axle  
Easy Link with 2 year Service  
Emergency stop button in platform and on frame  
Fuel gauge with low level indicator  
Fully galvanized basket with demountable floor  
Hour meter  
Integrated diagnostic assistance  
Leveling unlocking  
Load sensing pump  
Operator presence pedal  
Oscillating front axle  
Rear axle with limited slip differential  
Secondary Protection System (SPS)  
Steer and rotate  
Stop & Go system

## Opcional

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  
Water heater  
Water predisposition



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