

Ficha técnica :

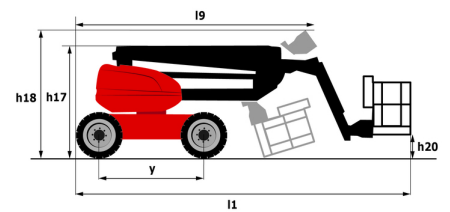
# 180 ATJ



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                              |         | Métrico                                                                                                        |
|-----------------------------------------|---------|----------------------------------------------------------------------------------------------------------------|
| Working height                          | h21     | 18.19 m                                                                                                        |
| Floor height (access)                   | h20     | 0.40 m                                                                                                         |
| Platform height                         | h7      | 16.19 m                                                                                                        |
| Max. outreach                           |         | 10.51 m                                                                                                        |
| Overhang                                |         | 7.55 m                                                                                                         |
| Pendular arm rotation (bottom)          |         | +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                                                                                                |
| 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                                                                                                         |
| Counterweight Oversize / Reach          |         | 0.22 m                                                                                                         |
| External turning radius                 | Wa3     | 3.75 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                             |         | Interim Tier 4, Stage IIIA, Stage V                                                                            |
| 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 m/s²                                                                                                       |
| Daily consumption **                    |         | 4.26 l                                                                                                         |
| Standards compliance                    |         |                                                                                                                |
| This machine is in compliance with:     |         | European directives: 2006/42/EC- Machinery (revised EN280:2013) - 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 Manager  
Emergency stop button in platform and on frame  
Fuel gauge with low level indicator  
Fully galvanized basket with demountable floor  
Hour meter  
Leveling unlocking  
Load sensing pump  
Operator presence pedal  
Oscillating front axle  
Rear axle with limited slip differential  
Steer and rotate  
Stop & Go system

## Opcional

Battery charger  
Battery cut-off  
Biodegradable oil  
Coded anti-start  
Cold weather protection oil  
Continuous turret rotation  
Exhaust line protection, spark arrester and fume reduction system  
Fully galvanized basket 1800mm / 5'11" with lateral door  
Galvanized basket 2,100 mm  
Highly capacity battery  
Lockable fuel cap  
On-board generator (3,5 or 5 kW)  
Personalized paintwork  
Safety harness  
Secondary Protection System (SPS)  
Spark arrester  
Water heater  
Water predisposition  
Working light



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