

Ficha técnica :

# 180 ATJ



 **MANITOU**  
HANDLING YOUR WORLD

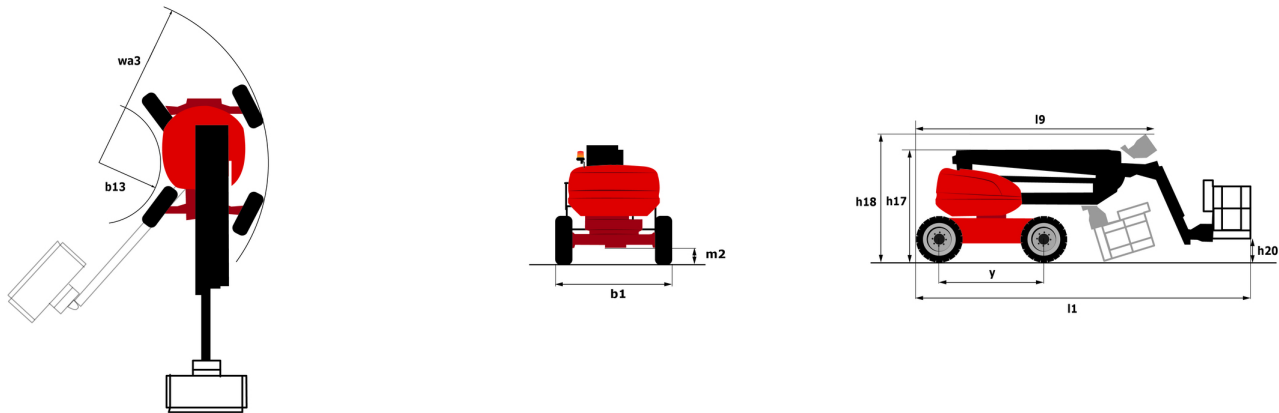
| Capacities                              |         | Métrico                                                                                                        |
|-----------------------------------------|---------|----------------------------------------------------------------------------------------------------------------|
| 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

180 ATJ - Diagramas de carga



180 ATJ - Diagrama dimensional



# 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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