

Technical sheet :

# 180 ATJ

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| Capacities                              |         | Metric  |
|---|---------|---|
| Working height                          | h21     | 18.18 m   |
| Platform height                         | h7      | 16.18 m   |
| Maximum 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  |
| Engine norm                             |         | Stage IIIA, Stage V   |
| Engine power (Hp / kW)                  |         | 24.80 Hp / 18.50 kW   |
| Miscellaneous                           |         |   |
| Ground Pressure                         |         | 10 daN/cm2  |
| Hydraulic Pressure                      |         | 340 bar   |
| Hydraulic tank capacity                 |         | 54 l  |
| Fuel                                    |         | 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) - EMC according to EN 12895 / 2015 +A1 / 2019 |

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

## 180 ATJ - 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  
Differential locking on rear axle  
Driver presence pedal  
Easy Link with 2 year Service  
Emergency stop button in platform and on frame  
Fuel gauge with low level indicator  
Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)  
Hour meter  
Integrated diagnostic assistance  
Key lock on turret cover  
Leveling unlocking  
Load sensing pump  
Oscillating front axle  
Secondary Protection System (SPS)  
Simultaneous steering and turret rotation functions  
Stop & Go system

## Optional

Antitheft digicode  
Battery charger  
Battery cut-off  
Biodegradable hydraulic oil - Grade 32  
Cold weather protection oil  
Diesel tank locking cap  
Electric plug - 230V - In the basket - With differential circuit breaker - Europe (E/F) type  
Engine pre-heater  
Galvanized basket - Width: 1800 mm (5 ft. 11 in.) + Side swing gate  
Galvanized basket - Width: 2100 mm (6 ft. 11 in.)  
Galvanized basket - Width: 2100 mm (6 ft. 11 in.) + Side swing gate  
Higher capacity battery, to start the machine easily in cold countries.  
Non-marking tires  
On-board generator (3,5 or 5 kW)  
Personalized paintwork  
Safety kit - Helmet and harness  
Spark arrester muffler  
Water pre-fitting



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