

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 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                 |         | < 0.50 m/s²   |
| 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  |
| Easy Link with 2 year Service  |
| Emergency stop button in platform and on frame                               |
| Engine compartment with key lock   |
| Fuel gauge with low level indicator  |
| Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.) |
| Hour meter   |
| Integrated diagnostic assistance   |
| Leveling unlocking   |
| Load sensing pump  |
| Operator presence pedal  |
| 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 with side swing gate - Width: 2100 mm (6 ft. 11 in.) |
| High capacity starting battery   |
| Lockable fuel cap  |
| Non-marking tyres  |
| On-board generator (3,5 or 5 kW)                                       |
| Personalized paintwork   |
| Safety kit - Hamess + helmet   |
| Socket 230 V + differential circuit breaker                            |
| Spark arresting muffler  |
| Water heater   |
| Water predisposition   |



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