Technical sheet :

# 180 ATJ

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HANDLING YOUR WORLD

| Capacities | | Metric |
|---|---|---|
| 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 90Â°) | 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/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) - 2006/95/EC (Low voltage) |

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

# 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 |
| 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 |
| 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 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 muffer |
| Water heater |
| Water predisposition |

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