

180 ATJ

Created on 13 April 2021 at 07:31:16 UTC

Technical sheet :

180 ATJ





| Capacities | | Metric |
|---|---------|--|
| Working height | h21 | 18.19 m |
| Platform height | h7 | 16.19 m |
| Max. outreach | r1 | 10.51 m |
| Overhang | h31 | 7.55 m |
| Pendular arm rotation (bottom) | | +59.5 ° |
| Platform capacity | Q | 230 kg |
| Turret rotation | | 350 ° |
| Platform rotation (right / left) | | 90 ° / 90 ° |
| Number of people (inside / outside) | | 2 / 2 |
| Weight and dimensions | | |
| Platform weight* | | 7430 kg |
| Platform dimensions (length x width) | lp / ep | 1.8 m x 0.8 m |
| Overall width | b1 | 2.32 m |
| Overall length | l1 | 7.79 m |
| Overall height | h17 | 2.47 m |
| Overall length (stowed) | l9 | 5.56 m |
| Overall height (stowed) | h18 | 2.56 m |
| Floor height (access) | h20 | 0.4 m |
| Counterweight offset (turret at 90°) | a7 | 0.22 m |
| Internal turning radius (over tyres) | b13 | 1.38 m |
| External turning radius | Wa3 | 3.75 m |
| Ground clearance at centre of wheelbase | m2 | 0.4 m |
| Wheelbase | y | 2.2 m |
| Performances | | |
| Drive speed - stowed | | 5 km/h |
| Drive speed - raised | | 1 km/h |
| Gradeability | | 45 % |
| Permissible leveling | | 5 ° |
| Wheels | | |
| Tyres 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 (kW) | | 24.8 Hp / 18.5 kW |
| Miscellaneous | | |
| Ground Pressure | | 10 daN/cm ² |
| Hydraulic Pressure | | 340 Bar |
| Hydraulic tank capacity | | 54 l |
| Fuel tank | | 52 l |
| Vibration on hands/arms | | < 0 METER_PER_SECOND |
| Daily consumption ** | | 4.27 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) |



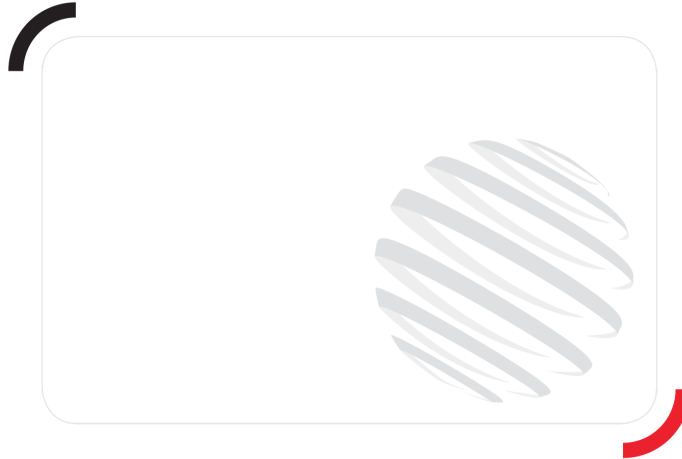
Equipment

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 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

Optional

Air predisposition
 Battery charger
 Battery cut-off
 Beep on every movement
 Beep upon travel
 Biodegradable oil
 Coded anti-start
 Continuous turret rotation
 Exhaust line protection, spark arrester and fume reduction system
 Extreme cold oil
 Fully galvanized basket 1800mm with lateral door
 Galvanized basket 2,100 mm
 Highly capacity battery
 Lockable fuel cap
 Onboard generator (3,5 or 5 kW)
 Personalized paintwork
 SPS : Secondary protection system
 Safety harness
 Spark arrester
 Water heater
 Water predisposition
 Working light



Siège Social

430 rue de l'Aubinière - 44150 Ancenis Cedex - France

Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes