

Technical sheet :

# 100 SC

---



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities   |         | Metric   |
|--|---------|--|
| Working height   | h21     | 9.70 m   |
| Platform height  | h7      | 7.70 m   |
| Platform capacity  | Q       | 680 kg   |
| Max. capacity on the extension deck                              |         | 136 kg   |
| Number of people (indoor / outdoor)                              |         | 4 / 4  |
| Weight and dimensions  |         |  |
| Platform weight*   |         | 3653 kg  |
| Platform dimensions (length x width)                             | lp / ep | 2.79 m x 1.60 m  |
| Platform dimensions with extension (length x width)              |         | 4.31 m x 1.60 m  |
| Overall length   | l1      | 3.76 m   |
| Overall width  | b1      | 1.75 m   |
| Overall height   | h17     | 2.59 m   |
| Overall height (stowed)  | h18 *** | 1.92 m   |
| Overall length with platform extension                           | l15     | 4.81 m   |
| External turning radius  | Wa3     | 4.60 m   |
| Ground clearance at centre of wheelbase                          | m2      | 0.24 m   |
| Wheelbase  | y       | 2.29 m   |
| Performances   |         |  |
| Drive speed - stowed   |         | 5.60 km/h  |
| Drive speed - raised   |         | 0.40 km/h  |
| Raise speed (laden) / Lower speed (laden)                        |         | 36 s / 33 s  |
| Gradeability   |         | 35 %   |
| Max outrigger leveling front uphill / back uphill                |         | 5.30 ° / 4.20 °  |
| Max outrigger leveling side to side                              |         | 11.70 °  |
| Indoor and outdoor max Tilt Rating (Fore and Aft / Side-to-Side) |         | 3 ° / 2 °  |
| Wheels   |         |  |
| Tires type   |         | Foam-filled  |
| Drive wheels (front / rear)                                      |         | 2 / 2  |
| Steering wheels (front / rear)                                   |         | 2 / 0  |
| Braking wheels (front / rear)                                    |         | 2 / 2  |
| Engine/Battery   |         |  |
| Electric engine power rating                                     |         | 2 x 18.50 kW   |
| Engine brand / model   |         | Kubota - D1105   |
| Engine nom   |         | Tier 4 final   |
| I.C. Engine power rating   |         | 25 Hp  |
| Miscellaneous  |         |  |
| Ground Pressure  |         | 5.14 dan/cm2   |
| Hydraulic tank capacity  |         | 68.10 l  |
| Fuel tank  |         | 37.90 l  |
| Sound pressure level (ground workstation)                        |         | 85 dB  |
| Sound pressure level (platform work station) (LpA)               |         | 79 dB  |
| Vibration on hands/arms  |         | < 2.50 m/s <sup>2</sup>  |
| 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

\*\*\* With folded guardrail

100 SC - Load chart



100 SC - Dimensional drawing



# Equipment

---

## Standard

230V Predisposition

4 wheel drive

Anti-slip platform surface

Audible alarm and illuminated indicator lamp (leveling, overload, lowering)

CAN bus technology

Emergency stop button in platform and on frame

Engine mounted on sliding platform

Fixed anti-shearing protection

Fold away guard rails with full height swing gate

Hom in the platform

Hour meter

Integrated diagnostic assistance

Lowering alarm

Oscillating front axle

Platform access gate

Proportional controls

Removable control unit

Stabilizers with automatic leveling

Travel possible at maximum height

## Optional

2 flashing lights on frame

Biodegradable oil

Lights

Non-marking tyres

Safety harness

Working headlight in platform



**Head Office**

B.P. 249 - 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](http://www.manitou.com)



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

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