

Technical sheet :

2100VT



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|--|-----|-------------------|
| Rated Operating Capacity | | 952.54 kg |
| Operating Capacity At 50% Tipping Load | | 1360.77 kg |
| Rated Operating Capacity with Optional Counterweight | | 997.90 kg |
| Operating Weight | | 4021 kg |
| Unladen weight | | 3651 kg |
| Tipping capacity | | 2721 kg |
| Weight and dimensions | | |
| Overall Operating Height - Fully Raised | h27 | 4026 mm |
| Height to Hinge Pin - Fully Raised | h28 | 3073 mm |
| Overall Height to top of ROPS | h17 | 2045 mm |
| Dump angle at full height | a5 | 42 ° |
| Dump height | h29 | 2300 mm |
| Overall length with bucket | l16 | 3543 mm |
| Dump reach - Full height | r6 | 927 mm |
| Rollback Angle at Full Height | a4 | 92 ° |
| Seat to ground height | h30 | 965 mm |
| Overall width less bucket | b1 | 1674 mm |
| Ground clearance | m4 | 191 mm |
| Overall length - Less Bucket | l2 | 2743 mm |
| Clearance Radius - Front with Bucket | b18 | 2210 mm |
| Rear departure angle | | 25 ° |
| Performances | | |
| Travel speed (unladen) | | 10.30 km/h |
| Travel Speed with Two-Speed Option - Maximum | | 15.30 km/h |
| Wheels | | |
| Transmission type | | Hydrostatic |
| Engine | | |
| Engine brand | | Yanmar |
| Engine model | | 4TNV98C-NGL |
| Engine norm | | Stage V, Tier 4 |
| Gross Power | | 51.70 kW |
| Net Power | | 51 kW |
| Max. torque / Engine rotation | | 241 Nm / 1625 rpm |
| Power source | | Diesel |
| Number of cylinders | | 4 |
| I.C. Engine power rating | | 69.30 Hp |
| Engine cooling system | | Water |
| Battery voltage | | 12 V |
| Alternator - Ampere | | 100 A |
| Starter | | 3 kW |
| Hydraulics | | |
| Standard flow - Auxiliary hydraulics | | 86.50 l/min |
| Auxiliary Hydraulic Pressure | | 239.59 bar |
| High-Flow Auxiliary Hydraulics - Option | | 114 l/min |
| High-Flow Auxiliary Hydraulics Pressure - Option | | 229.25 bar |
| Tank capacities | | |
| Fuel tank | | 143.80 l |
| Hydraulic tank capacity | | 22.70 l |
| Displacement | | 3.30 l |

2100VT - Dimensional drawing





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



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