

Technical sheet :

# 1950RT



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities   |     | Metric            |
|--|-----|-------------------|
| Rated Operating Capacity                             |     | 885 kg            |
| Rated Operating Capacity with Optional Counterweight |     | 2657 kg           |
| Operating Weight                                     |     | 3697 kg           |
| Unladen weight                                       |     | 3422 kg           |
| Operating Capacity At 50% Tipping Load               |     | 1264 kg           |
| Tipping capacity                                     |     | 2527 kg           |
| Weight and dimensions                                |     |                   |
| Overall Operating Height - Fully Raised              | h27 | 4018 mm           |
| Height to Hinge Pin - Fully Raised                   | h28 | 3048 mm           |
| Dump reach - Full height                             | r6  | 648 mm            |
| Dump angle at full height                            | a5  | 39 °              |
| Overall Height to top of ROPS                        | h17 | 1979 mm           |
| Overall length with bucket                           | l16 | 3279 mm           |
| Departure angle                                      | a2  | 27 °              |
| Ground clearance                                     | m4  | 188 mm            |
| Overall width less bucket                            | b1  | 1746 mm           |
| Bucket Width   | e1  | 1778 mm           |
| Clearance Radius - Front with Bucket                 | b18 | 2063 mm           |
| Clearance Circle - Rear                              | wa1 | 1509 mm           |
| Engine   |     |                   |
| Engine brand   |     | Yanmar            |
| Engine model   |     | 4TNV98C-NMS2V     |
| Gross Power  |     | 51.70 kW          |
| Net Power  |     | 51 kW             |
| Max. torque / Engine rotation                        |     | 241 Nm @ 2500 rpm |
| I.C. Engine power rating - Power                     |     | 68.40 Hp / 51 kW  |
| Battery voltage                                      |     | 12 V              |
| Accessory plug                                       |     | 120 V             |
| Alternator - Ampere                                  |     | 100 A             |
| Transmission   |     |                   |
| Transmission type                                    |     | Hydrostatic       |
| Hydraulics   |     |                   |
| Standard flow - Auxiliary hydraulics                 |     | 71 l/min          |
| Auxiliary Hydraulic Pressure                         |     | 380 bar           |
| High-Flow Auxiliary Hydraulics - Option              |     | 113 l/min         |
| High-Flow Auxiliary Hydraulics Pressure - Option     |     | 420 bar           |
| Tank capacities                                      |     |                   |
| Hydraulic oil tank capacity                          |     | 36 l              |
| Fuel tank  |     | 58.70 l           |
| Coolant system capacity                              |     | 12.90 l           |
| Displacement / Number of cylinders                   |     | 3.30 l / 4        |
| Noise and vibration                                  |     |                   |
| Noise to environment (LWA)                           |     | 101.40 dB         |
| Noise at driving position (LpA)                      |     | 82 dB             |
| Whole-Body Vibration (ISO 2631-1)                    |     | 1.10 m/s²         |



**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