

Technical sheet :

# 1900R NXT2



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                       |     | Metric                  |
|--|-----|-------------------------|
| Operating Capacity At 50% Tipping Load           |     | 861.82 kg               |
| Operating Weight                                 |     | 3172.87 kg              |
| Weight and dimensions                            |     |                         |
| Wheelbase  | y   | 1066.80 mm              |
| Overall Operating Height - Fully Raised          | h27 | 3886.20 mm              |
| Height to Hinge Pin - Fully Raised               | h28 | 3022.60 mm              |
| Overall Height to top of ROPS                    | h17 | 1955.80 mm              |
| Dump angle at full height                        | a5  | 38 °                    |
| Dump height                                      | h29 | 2387.60 mm              |
| Overall length with bucket                       | l16 | 3251.20 mm              |
| Dump reach - Full height                         | r6  | 584.20 mm               |
| Rollback at ground                               | a13 | 28 °                    |
| Rollback Angle at Full Height                    | a4  | 99 °                    |
| Seat to ground height                            | h30 | 904.24 mm               |
| Overall width less bucket                        | b1  | 1574.80 mm              |
| Bucket Width                                     | e1  | 1676.40 mm              |
| Ground clearance                                 | m4  | 160.02 mm               |
| Overall length - Less Bucket                     | l2  | 2446.02 mm              |
| Clearance Radius - Front with Bucket             | b18 | 2032 mm                 |
| Rear departure angle                             |     | 21 °                    |
| Performances                                     |     |                         |
| Travel speed (unladen)                           |     | 12.55 km/h              |
| Travel Speed with Two-Speed Option - Maximum     |     | 19.47 km/h              |
| Wheels   |     |                         |
| Standard tires                                   |     | 10 x 16.5               |
| Engine   |     |                         |
| Engine brand                                     |     | Yanmar                  |
| Engine model                                     |     | 4TNV98C-NMS2V           |
| Engine norm                                      |     | Stage V                 |
| Max. torque / Engine rotation                    |     | 241 Nm / 1625 rpm       |
| Power source                                     |     | Diesel                  |
| Engine power (Hp / kW)                           |     | 69.30 Hp / 51 kW        |
| Battery voltage                                  |     | 12 V                    |
| Starter  |     | 3 kW                    |
| Hydraulics                                       |     |                         |
| Standard flow - Auxiliary hydraulics             |     | 70.78 l/min             |
| Auxiliary Hydraulic Pressure                     |     | 207 bar                 |
| High-Flow Auxiliary Hydraulics - Option          |     | 113.94 l/min            |
| High-Flow Auxiliary Hydraulics Pressure - Option |     | 179 bar                 |
| Tank capacities                                  |     |                         |
| Fuel   |     | 58.67 l                 |
| Hydraulic tank capacity                          |     | 35.96 l                 |
| Noise and vibration                              |     |                         |
| Noise to environment (LwA)                       |     | 100 dB                  |
| Whole-Body Vibration (ISO 2631-1)                |     | 0.96 m/s <sup>2</sup>   |
| Vibration on hands/arms                          |     | < 1.53 m/s <sup>2</sup> |



 **MANITOU**  
**HANDLING YOUR WORLD**

**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