

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                            |     |  |
| 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                                    |
| Wheelbase  | y   | 1066.80 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                                      |
| Clearance Circle - Front without Bucket          | b19 | 1168.40 mm                                   |
| Clearance Circle - Rear                          | wa1 | 1511.30 mm                                   |
| Performances                                     |     |  |
| Travel Speed with Two-Speed Option - Maximum     |     | 19.47 km/h                                   |
| Travel speed (unladen)                           |     | 12.55 km/h                                   |
| Wheels   |     |  |
| Standard tires                                   |     | 10 x 16.5                                    |
| Engine   |     |  |
| Engine brand                                     |     | Yanmar                                       |
| Engine model                                     |     | 4TNV98C-NMS2V                                |
| Engine norm                                      |     | Stage IIIA, Stage V, Stage IV / Tier 4 Final |
| Gross Power                                      |     | 51.67 kW                                     |
| Net Power  |     | 51 kW  |
| Max. torque / Engine rotation                    |     | 241 Nm / 1625 rpm                            |
| Power source                                     |     | Diesel                                       |
| I.C. Engine power rating                         |     | 69.30 Hp                                     |
| 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 |     | 200 bar                                      |
| Tank capacities                                  |     |  |
| Fuel tank  |     | 58.67 l                                      |
| Hydraulic oil tank capacity                      |     | 35.96 l                                      |
| Noise and vibration                              |     |  |
| Noise to environment (LwA)                       |     | 100 dB                                       |
| Whole-Body Vibration (ISO 2631-1)                |     | 0.96 m/s²                                    |
| Vibration on hands/arms                          |     | < 1.53 m/s²                                  |



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