

Technical sheet :

# 1950RT



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                       |     | Metric                |
|--|-----|-----------------------|
| 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 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               |
| 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 tank capacity                          |     | 36 l                  |
| Fuel tank  |     | 58.70 l               |
| Liquid cooling tank volume                       |     | 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/s <sup>2</sup> |



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