

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)



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