

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 |



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