

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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