

Technical sheet :

# 1950RT

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 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Operating Weight		3810 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
Engine power (Hp)		69 Hp
Engine power (kW)		51.70 kW
Max. torque / Engine rotation		241 Nm @ 2500 rpm
Battery voltage		12 V
Accessory plug		120 V
Alternator - Ampere		100 A
Transmission		
Transmission type		Hydrostatic
Hydraulics		
Standard flow - Auxiliary hydraulics		70 l/min
Auxiliary Hydraulic Pressure		224 bar
High-Flow Auxiliary Hydraulics - Option		120 l/min
High-Flow Auxiliary Hydraulics Pressure - Option		220 bar
Tank capacities		
Hydraulic tank capacity		36 l
Fuel tank capacity		58.70 l
Cooling liquid		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>



**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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