

Technical sheet :

1950RT



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Rated Operating Capacity		1951 lb
Rated Operating Capacity with Optional Counterweight		5858 lb
Operating Weight		8150 lb
Unladen weight		7544 lb
Operating Capacity At 50% Tipping Load		2787 lb
Tipping capacity		5571 lb
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	158 in
Height to Hinge Pin – Fully Raised	h28	120 in
Dump reach - Full height	r6	26 in
Dump angle at full height	a5	39 °
Overall Height to top of ROPS	h17	78 in
Overall length with bucket	l16	129 in
Departure angle	a2	27 °
Ground clearance	m4	7 in
Overall width less bucket	b1	69 in
Bucket Width	e1	70 in
Clearance Radius - Front with Bucket	b18	81 in
Clearance Circle - Rear	wa1	59 in
Engine		
Engine brand		Yanmar
Engine model		4TNV98C-NMS2V
Gross Power		51.70 kW
Net Power		51 kW
Max. torque / Engine rotation		178 ft/lbs @ 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		19 US gpm
Auxiliary Hydraulic Pressure		5511 PSI
High-Flow Auxiliary Hydraulics – Option		30 US gpm
High-Flow Auxiliary Hydraulics Pressure – Option		6092 PSI
Tank capacities		
Hydraulic oil tank capacity		10 US gal
Fuel tank		16 US gal
Coolant system capacity		3 US gal
Displacement / Number of cylinders		0.87 US gal / 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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