

Technical sheet :

1900R NXT2



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	
Operating Capacity At 50% Tipping Load		861.82 kg	
Operating Weight		3172.87 kg	
Weight and dimensions			
Wheelbase	y	1066.80 mm	
Overall Operating Height - Fully Raised	h27	3886.20 mm	
Height to Hinge Pin - Fully Raised	h28	3022.60 mm	
Overall Height to top of ROPS	h17	1955.80 mm	
Dump angle at full height	a5	38 °	
Dump height	h29	2387.60 mm	
Overall length with bucket	l16	3251.20 mm	
Dump reach - Full height	r6	584.20 mm	
Rollback at ground	a13	28 °	
Rollback Angle at Full Height	a4	99 °	
Seat to ground height	h30	904.24 mm	
Overall width less bucket	b1	1574.80 mm	
Bucket Width	e1	1676.40 mm	
Ground clearance	m4	160.02 mm	
Overall length - Less Bucket	l2	2446.02 mm	
Clearance Radius - Front with Bucket	b18	2032 mm	
Rear departure angle		21 °	
Performances			
Travel speed (unladen)		12.55 km/h	
Travel Speed with Two-Speed Option - Maximum		19.47 km/h	
Wheels			
Standard tires		10 x 16.5	
Engine			
Engine brand		Yanmar	
Engine model		4TNV98C-NMS2V	
Engine norm		Stage IIIA	
Max. torque / Engine rotation		241 Nm / 1625 rpm	
Power source		Diesel	
Engine power (Hp / kW)		69.30 Hp / 51 kW	
Battery voltage		12 V	
Starter		3 kW	
Hydraulics			
Standard flow - Auxiliary hydraulics		70.78 l/min	
Auxiliary Hydraulic Pressure		207 bar	
High-Flow Auxiliary Hydraulics - Option		113.94 l/min	
High-Flow Auxiliary Hydraulics Pressure - Option		179 bar	
Tank capacities			
Fuel		58.67 l	
Hydraulic tank capacity		35.96 l	
Noise and vibration			
Noise to environment (LwA)		100 dB	
Whole-Body Vibration (ISO 2631-1)		0.96 m/s ²	
Vibration on hands/arms		1.53 m/s ²	



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