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
Gross Power		51.67 kW
Net Power		51 kW
Max. torque / Engine rotation		241 Nm / 1625 rpm
Power source		Diesel
I.C. Engine power rating		69.30 Hp
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		200 bar
Tank capacities		
Fuel tank		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/s²
Vibration on hands/arms		< 1.53 m/s²

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