Technical sheet :

1900R NXT2



MANITOU
HANDLING YOUR WORLD

Capacities		Imperial
Operating Capacity At 50% Tipping Load		1900 lb
Operating Weight		6995 lb
Weight and dimensions		
Wheelbase	y	42 in
Overall Operating Height - Fully Raised	h27	153 in
Height to Hinge Pin - Fully Raised	h28	119 in
Overall Height to top of ROPS	h17	77 in
Dump angle at full height	a5	38 °
Dump height	h29	94 in
Overall length with bucket	l16	128 in
Dump reach - Full height	r6	23 in
Rollback at ground	a13	28 °
Rollback Angle at Full Height	a4	99 °
Seat to ground height	h30	36 in
Overall width less bucket	b1	62 in
Bucket Width	e1	66 in
Ground clearance	m4	6 in
Overall length - Less Bucket	l2	96 in
Clearance Radius - Front with Bucket	b18	80 in
Rear departure angle		21 °
Performances		
Travel speed (unladen)		8 mph
Travel Speed with Two-Speed Option - Maximum		12 mph
Wheels		
Standard tires		10 x 16.5
Engine		
Engine brand		Yanmar
Engine model		4TNV98C-NMS2V
Engine norm		Stage IV, Tier 4 final
Max. torque / Engine rotation		178 ft/lbs / 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		19 US gpm
Auxiliary Hydraulic Pressure		3002 PSI
High-Flow Auxiliary Hydraulics - Option		30 US gpm
High-Flow Auxiliary Hydraulics Pressure - Option		2596 PSI
Tank capacities		
Fuel tank capacity		16 US gal
Hydraulic tank capacity		9 US gal
Noise and vibration		
Noise to environment (LwA)		100 dB
Whole-Body Vibration (ISO 2631-1)		3 ft/s²
Vibration on hands/arms		< 5 ft/s²

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