

Technical sheet :

2200R



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Rated Operating Capacity		998 kg	2200 lb
Rated Operating Capacity with Optional Counterweight		1075 kg	2370 lb
Unladen weight		3620 kg	7981 lb
Weight and dimensions			
Wheelbase	y	1092 mm	43 in
Overall Operating Height - Fully Raised	h27	4089 mm	161 in
Height to Hinge Pin - Fully Raised	h28	3124 mm	123 in
Overall Height to top of ROPS	h17	2057 mm	81 in
Dump angle at full height	a5	40 °	40 °
Dump height	h29	2388 mm	94 in
Overall length with bucket	l16	3467 mm	136 in
Dump reach - Full height	r6	686 mm	27 in
Rollback at ground	a13	28 °	28 °
Seat to ground height	h30	1016 mm	40 in
Overall width less bucket	b1	1664 mm	66 in
Bucket Width	e1	1778 mm	70 in
Ground clearance	m4	203 mm	8 in
Overall length - Less Bucket	l2	2667 mm	105 in
Departure angle	a2	25 °	25 °
Clearance Radius - Front with Bucket	b18	2223 mm	88 in
Performances			
Travel speed (unladen)		12.90 km/h	8 mph
Travel Speed with Two-Speed Option - Maximum		19.20 km/h	12 mph
Wheels			
Standard tires		12.00 x 16.5 HD	12.00 x 16.5 HD
Engine			
Engine brand		Yanmar	Yanmar
Engine model		4TNV88CT-NMS	4TNV88CT-NMS
Engine norm		Stage V	Stage V
Gross Power		53.70 kW	53.70 kW
Net Power		52.70 kW	52.70 kW
Max. torque / Engine rotation		294 Nm / 2500 rpm	217 ft/lbs / 2500 rpm
Power source		Diesel	Diesel
I.C. Engine power rating		72 Hp	72 Hp
Battery voltage		12 V	12 V
Alternator		95 kW	95 kW
Starter		3 kW	3 kW
Hydraulics			
Standard flow - Auxiliary hydraulics		90 l/min	24 US gpm
Auxiliary Hydraulic Pressure		227.50 bar	3300 PSI
High-Flow Auxiliary Hydraulics - Option		132.50 l/min	35 US gpm
High-Flow Auxiliary Hydraulics Pressure - Option		220.60 bar	3200 PSI
Tank capacities			
Fuel tank		68.10 l	18 US gal
Hydraulic tank capacity		30.30 l	8 US gal
Displacement		3.30 l	0.87 US gal
Noise and vibration			
Noise to environment (LWA)		101 dB	101 dB
Noise at driving position (LpA)		85 dB	85 dB
Whole-Body Vibration (ISO 2631-1)		0.96 m/s²	0.96 m/s²
Vibration on hands/arms		< 1.50 m/s²	< 1.50 m/s²

2200R - Dimensional drawing



Equipment

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Integral Access Plate (removable)	Standard
Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
Power-A-Tach® Attachment Mounting System	Optional
Lighting	
Work Lights - Front and Rear	Standard
Motorization/Power	
Engine Auto-Shutdown System	Standard
Engine Block Heater	Optional
Turbo-Charged Engine	Standard
Two-Speed Drive	Optional
Operator station	
Adjustable Arm Rests / Control Towers 1	Standard
Air conditioning with manual adjustment	Optional
Air suspension seat	Optional
Cab Enclosure	Optional
Dual-Hand Controls	Optional
Foot and Hand Throttles 2	Standard
Gehl T-Bar Controls	Optional
Hand/Foot Controls	Optional
Heating	Optional
High-Back Adjustable Seat	Standard
Horn	Standard
Joystick controls	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Sound Reduction Material	Standard
Suspension Seat - Mechanical	Optional
Other options	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions	
Counterweight	Optional
Full Instrumentation	Standard
Hydraglide™ Ride Control 3	Optional
Security	
Anti-Vandalism Protection	Standard
Back-Up Alarm	Optional
Brake Control (Auto / Manual)	Standard
Hydraloc™ Safety System	Standard
Lift Arm Support Device	Standard
Operator Restraint Bar	Standard



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