

Technical sheet :

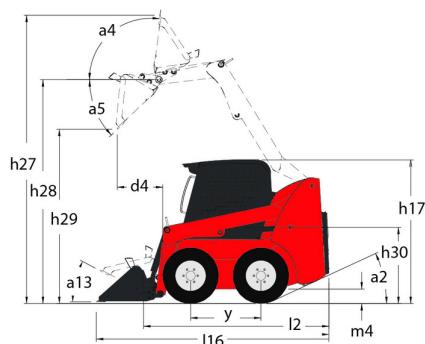
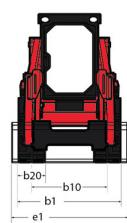
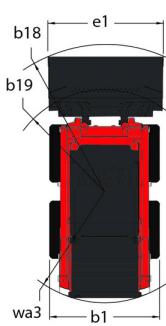
1900R



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Rated Operating Capacity		1900 lb
Rated Operating Capacity with Optional Counterweight		2110 lb
Unladen weight		6881 lb
Weight and dimensions		
Wheelbase	y	42 in
Overall Operating Height - Fully Raised	h27	158 in
Height to Hinge Pin - Fully Raised	h28	121 in
Overall Height to top of ROPS	h17	80 in
Dump angle at full height	a5	42 °
Dump height	h29	91 in
Overall length with bucket	l16	127 in
Dump reach - Full height	r6	23 in
Rollback at ground	a13	26 °
Seat to ground height	h30	39 in
Overall width less bucket	b1	64 in
Bucket Width	e1	66 in
Ground clearance	m4	6 in
Overall length - Less Bucket	l2	94 in
Departure angle	a2	25 °
Clearance Radius - Front with Bucket	b18	79 in
Performances		
Travel speed (unladen)		8 mph
Travel Speed with Two-Speed Option - Maximum		12 mph
Wheels		
Standard tires		10.00 x 16.5 HD
Engine		
Engine brand		Yanmar
Engine model		4TNV98C-NMS
Max. torque / Engine rotation		178 ft/lbs / 2500 rpm
Power source		Diesel
Engine power (Hp / kW)		69.30 Hp / 51 kW
Battery voltage		12 V
Alternator		95 kW
Starter		3 kW
Hydraulics		
Standard flow - Auxiliary hydraulics		19 US gpm
Auxiliary Hydraulic Pressure		3002 PSI
High-Flow Auxiliary Hydraulics - Option		31 US gpm
High-Flow Auxiliary Hydraulics Pressure - Option		2901 PSI
Tank capacities		
Fuel		17 US gal
Hydraulic tank capacity		8 US gal
Displacement		0.87 US gal
Noise and vibration		
Noise to environment (LwA)		101 dB
Noise at driving position (LpA)		85 dB
Whole-Body Vibration (ISO 2631-1)		3 ft/s ²
Vibration on hands/arms		4 ft/s ²

1900R - Dimensional drawing



Equipment

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Integral Access Plate (removable)		Standard
Lifting function		
All-Tach® Attachment Mounting System		Standard
Auxiliary Hydraulics		Standard
High-Flow Auxiliary Hydraulics		Optional
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
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		
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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