Technical sheet:

1900R



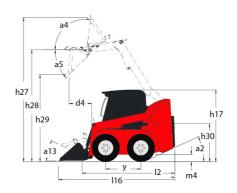


	1900R Created on May 15, 2024 at 11:44:35	PIVIUI
Capacities	Metric	
Rated Operating Capacity	862 kg	
Rated Operating Capacity with Optional Counterweight	957 kg	
Unladen weight	3121 kg	
Weight and dimensions		
Overall Operating Height - Fully Raised	h27 4013 mm	
Height to Hinge Pin – Fully Raised	h28 3061 mm	
Overall Height to top of ROPS	h17 2032 mm	
Dump angle at full height	a5 42 °	
Dump height	h29 2311 mm	
Overall length with bucket	l16 3226 mm	
Dump reach - Full height	r6 572 mm	
Rollback at ground	a13 26°	
Seat to ground height	h30 991 mm	
Wheelbase	y 1067 mm	
Overall width less bucket	b1 1638 mm	
Bucket Width	e1 1676 mm	
Ground clearance	m4 165 mm	
Overall length - Less Bucket	l2 2388 mm	
Departure angle	a2 25 °	
Clearance Radius - Front with Bucket	b18 2007 mm	
Clearance Circle - Front without Bucket	b19 1130 mm	
Clearance Circle - Rear	wa1 1486 mm	
Performances		
Travel Speed with Two-Speed Option - Maximum	20.10 km/h	
Travel speed (unladen)	12.10 km/h	
Wheels		
Standard tires	10.00x16.5 HD	
Engine		
Engine brand	Yanmar	
Engine model	4TNV98C-NMS	
Gross Power	51.70 kW	
Net Power	51 kW	
Max. torque / Engine rotation	241 Nm / 2500 rpm	
Power source	Diesel	
I.C. Engine power rating	69.30 Hp	
Battery voltage	12 V	
Alternator	95 kW	
Starter	3 kW	
Hydraulics		
Standard flow - Auxiliary hydraulics	70.10 l/min	
Auxiliary Hydraulic Pressure	207 bar	
High-Flow Auxiliary Hydraulics - Option	119 l/min	
High-Flow Auxiliary Hydraulics Pressure - Option	200 bar	
Tank capacities		
Fuel tank	62.50	
Hydraulic oil tank capacity	30.30	
Displacement	3.30 l	
Noise and vibration	221 17	
Noise to environment (LwA)	101 dB	
Noise at driving position (LpA)	85 dB	
Whole-Body Vibration (ISO 2631-1)	0.80 m/s²	

1900R - Dimensional drawing







Equipment

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ifting function	Observational
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
High-Flow Auxiliary Hydraulics	Optional
Power-A-Tach® Attachment Mounting System	Optional
ighting	
Vork Lights - Front and Rear	Standard
Motorization/Power	
ingine Auto-Shutdown System	Standard
ingine Block Heater	Optional
wo-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
Qual-Hand Controls	Optional
oot and Hand Throttles 2	Standard
Sehl T-Bar Controls	Optional
Hand/Foot Controls	Optional
leating	Optional
ligh-Back Adjustable Seat	Standard
Hom	Standard
loystick controls	Optional
OPS/FOPS Level II Overhead Guard	Standard
Sound Reduction Material	Standard
Suspension Seat - Mechanical	Optional
Other options	
lydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions	
Counterweight	Optional
ull Instrumentation	Standard
lydraglide™ Ride Control 3	Optional
Security	
Anti-Vandalism Protection	Standard
Back-Up Alarm	Optional
Brake Control (Auto / Manual)	Standard
lydraloc™ Safety System	Standard
ift Arm Support Device	Standard





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



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