Technical sheet:

1900R



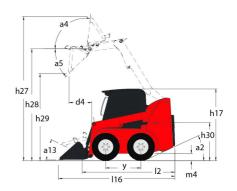


	1900R Created on May 18, 2024 at 10:37:12 AM
Capacities	Metric
Rated Operating Capacity	862 kg
Rated Operating Capacity with Optional Counterweight	957 kg
Unladen weight	3121 kg
Weight and dimensions	
Overall Operating Height - Fully Raised	h27 4013 mm
Height to Hinge Pin – Fully Raised	h28 3061 mm
Overall 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	12 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
Altemator	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 I
Displacement	3.30 I
Noise and vibration	
Noise to environment (LwA)	101 dB
Noise at driving position (LpA)	85 dB
Whole-Body Vibration (ISO 2631-1)	0.80 m/s²
Vibration on hands/arms	< 1.30 m/s ²

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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