Technical sheet:

1900R



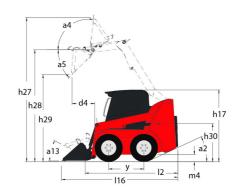


	1900R Crea	ted on May 18, 2024 at 7:47:05 PM UTC
Capacities		Metric
Rated Operating Capacity		862 kg
Rated Operating Capacity with Optional Counterweight		957 kg
Unladen weight		3121 kg
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	4013 mm
Height to Hinge Pin – Fully Raised	h28	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	у	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
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 I
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/s ²
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





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