Technical sheet:

1900R



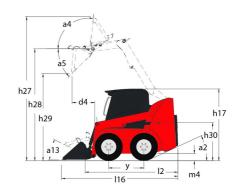


	1900R Created on May 18, 2024 at 12:22:15 PM
Capacities	Metric
Rated Operating Capacity	862 kg
Rated Operating Capacity with Optional Counterweight	957 kg
Unladen weight	3121 kg
Weight and dimensions	
Overall Operating Height - Fully Raised	h27 4013 mm
Height to Hinge Pin – Fully Raised	h28 3061 mm
Overall 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
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
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





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