#### **Technical sheet**

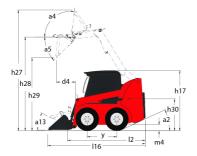
# 1900R

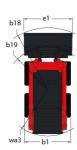
Skid Steer Loaders



Capacities	Metric
Rated Operating Capacity	862 kg
Rated Op. Capacity with Opt. Counterweight	957 kg
Weight and dimensions	
h27 - Overall Operating Height – Fully Raised	4013 mm
h28 - Height to Hinge Pin – Fully Raised	3061 mm
l16 - Overall Length with Bucket	3226 mm
a5 - Dump Angle at Full Height	42 °
h29 - Dump Height	2311 mm
Lifting height	3061 mm
d4 - Dump Reach at Full Height	579 mm
a13 - Rollback at Ground	26 °
a4 - Rollback Angle at Full Height	96 °
e1 - Bucket Width	1676 mm
h17 Overall Height to Top of ROPS	2032 mm
h30 - Seat to Ground Height	991 mm
y - Wheelbase	1067 mm
b1 - Overall Width - Less Bucket A	1638 mm
m4 - Ground Clearance to Chassis	165 mm
l2 - Overall Length - Less Bucket	2388 mm
a2 - Departure Angle	25 °
b18 - Clearance Circle – Front with Bucket	2007 mm
b19 - Clearance Circle – Front without Bucket	1130 mm
wa3 - Clearance Circle - Rear	1486 mm
Operating Weight – Approximate	3121 kg
Performances	
Travel Speed – Maximum	12.10 km/h
Travel Speed (Two-Speed Option)	20.10 km/h
Wheels	
Standard Specification Tire Size	10x16.5 HD
Engine	
Make	Yanmar
Model	4TNV98C-NMS
Gross Power	69.30 hp / 51.70 kW
Net Power	51 hp
Maximum Torque	241 Nm at -
Battery (CCA)	12 V / -
Starter	69.30 hp / 3 kW
Alternator	69.30 hp / 95 kW
Hydraulics	
Auxiliary Hydraulic Flow – Rated Speed	70 I/min
High-Flow Auxiliary Hydraulics – Option	119 l/min
Tank capacities	
Fuel Tank	62.50
Hydraulic Reservoir Tank	30.60
Displacement	3.30
Noise & vibration	
Noise Level / Environmental Level (EU Dir. 00/14/EC)	101 dB(A)
Operator Ear (EU Dir. 2006/42/EC)	85 dB(A)
Whole-Body Vibration (ISO 2631-1)	$< 0.79 \text{ m/s}^2$

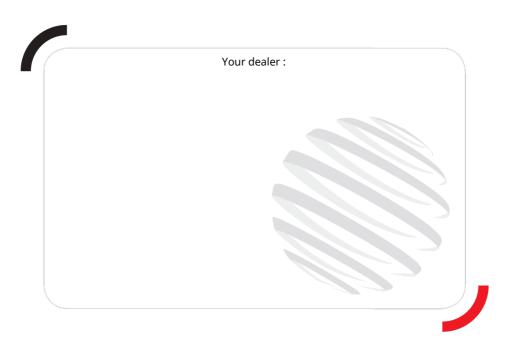
## Dimensional drawing





### **Equipments**

Gehl T-Bar Controls Dual-Hand Controls Optional Hand/Foot Controls Joystick Controls Joystick Controls Engine Engine Auto-Shutdown System Engine Block Heater Hydraulics Auxiliary Hydraulics High-Flow Auxiliary Hydraulics Optional Adjustable Arm Rests / Control Towers 1 Heating Joptional Air conditioning Joptional Air conditioning Joptional Suspension Seat - Mechanical High-Back Adjustable Seat Suspension Seat - Air Ride Optional Cab Enclosure Foot and Hand Throttles 2 Full Instrumentation Horn Integral Access Plate (removable) Operator Restraint Bar ROPS/FOPS Level II Overhead Guard Sound Reduction Material Work Lights - Front and Rear Performance All-Tach® Attachment Mounting System Power-A-Tach® Attachment Mounting System Standard Hydraloic™ Safety System Standard Optional	Controls	
Hand/Foot Controls  Joystick Controls  Joystick Controls  Engine  Engine  Engine Auto-Shutdown System  Engine Block Heater  Optional  Hydraulics  Auxillary Hydraulics  Auxillary Hydraulics  High-Flow Auxillary Hydraulics  Operator station  Adjustable Arm Rests / Control Towers 1  Heating  Air conditioning  Joptional  Air conditioning  Suspension Seat - Mechanical  High-Back Adjustable Seat  Standard  Suspension Seat - Air Ride  Optional  Cab Enclosure  Foot and Hand Throttles 2  Full Instrumentation  Horn  Integral Access Plate (removable)  Operator Restraint Bar  ROPS/FOPS Level II Overhead Guard  Sound Reduction Material  Work Lights - Front and Rear  Performance  All-Tach® Attachment Mounting System  Power-A-Tach® Attachment Mounting System  Standard  Potional  Brake Control (Auto / Manual)  Counterweight  Hydraglide™ Ride Control 3  Hydraglide™ Ride Control 3  Hydraglide™ Ride Control 3  Hydraglide™ Ride Control 3  Hydraglide™ Sien Control 3  Hydraglide™ Ride Control 3  Hydraglide™ Sien Control 3  Hydraglide™ Ride Control 3  Hydraglide™ Sien Control 3  Hydraglide™ Sien Con	Gehl T-Bar Controls	Optional
Engine   Engine   Standard   Engine   Standard   Engine Block Heater   Optional	Dual-Hand Controls	Optional
Engine Auto-Shutdown System Engine Auto-Shutdown System Engine Block Heater Optional Hydraullics Auxiliary Hydraulics Operator station Adjustable Arm Rests / Control Towers 1 Heating Air conditioning Suspension Seat - Mechanical High-Back Adjustable Seat Suspension Seat - Air Ride Cab Enclosure Foot and Hand Throttles 2 Eull Instrumentation Horn Standard Horn Operator Standard Horn Standard Horn Standard Horn Standard Optional Air conditioning Suspension Seat - Air Ride Optional Cab Enclosure Foot and Hand Throttles 2 Eull Instrumentation Horn Standard Horn Standard Standard Standard Operator Restraint Bar ROPS/FOPS Level II Overhead Guard Sound Reduction Material Work Lights - Front and Rear Performance All-Tach® Attachment Mounting System Optional Back-Up Alarm Dower-A-Tach® Attachment Mounting System Anti-Vandalism Protection Back-Up Alarm Optional Brake Control (Auto / Manual) Counterweight Hydraglide™ Ride Control 3 Hydraglide™ Sietey System Standard Hydrostatic Drive - Servo Lift Arm Support Device Standard Selectable Self-Leveling Hydraulic Lift Action 4	Hand/Foot Controls	Optional
Engine Auto-Shutdown System Engine Block Heater Optional Hydraulics Auxiliary Hydraulics Operator station Adjustable Arm Rests / Control Towers 1 Heating Air conditioning Suspension Seat - Mechanical High-Back Adjustable Seat Suspension Seat - Air Ride Cab Enclosure Foot and Hand Throttles 2 Full Instrumentation Horn Integral Access Plate (removable) Operator Restraint Bar ROPS/FOP'S Level II Overhead Guard Sound Reduction Material Work Lights - Front and Rear Performance All-Tach® Attachment Mounting System Power -A-Tach® Attachment Mounting System Brake Control (Auto / Manual) Counterweight Hydraglide™ Ride Control 3 Hydraloc™ Servo Lift Arm Support Device Standard Optional Standard Standard Standard Standard Optional Standard Standard Standard Standard Standard Optional Standard	Joystick Controls	Optional
Engine Block Heater Optional  Hydraulics  Auxiliary Hydraulics  High-Flow Auxiliary Hydraulics Operator station  Adjustable Arm Rests / Control Towers 1 Heating Air conditioning Suspension Seat - Mechanical High-Back Adjustable Seat Suspension Seat - Air Ride Cab Enclosure Foot and Hand Throttles 2 Full Instrumentation Horn Integral Access Plate (removable) Operator Restraint Bar ROPS/FOPS Level II Overhead Guard Sound Reduction Material Work Lights - Front and Rear Performance All-Tach® Attachment Mounting System Power-A-Tach® Attachment Mounting System Anti-Vandalism Protection Back-Up Alarm Brake Control (Auto / Manual) Counterweight Hydraglide™ Ride Control 3 Hydraloc™ Standard Hydrosc™ Standard Hydrosc™ Standard Hydrosch Ride Control 3 Hydraloc™ Safety System Hydrosch Ride Control 5 Standard Hydrosch Ride Control 5 Standard Hydrosch Ride Control 3 Hydraloc™ Safety System Standard Hydrosch Safety System Standard Scelectable Self-Leveling Hydraulic Lift Action 4 Optional	Engine	
Hydraulics  Auxiliary Hydraulics  High-Flow Auxiliary Hydraulics  Operator statlon  Adjustable Arm Rests / Control Towers 1 Heating  Air conditioning  Suspension Seat - Mechanical  High-Back Adjustable Seat  Suspension Seat - Air Ride  Cab Enclosure  Foot and Hand Throttles 2  Full Instrumentation  Integral Access Plate (removable)  Operator Restraint Bar  ROPS/FOPS Level II Overhead Guard  Sound Reduction Material  Work Lights - Front and Rear  Performance  All-Tach® Attachment Mounting System  Power-A-Tach® Attachment Mounting System  Anti-Vandalism Protection  Back-Up Alarm  Brake Control (Auto / Manual)  Counterweight  Hydraglide™ Ride Control 3  Hydraglide™ Ride Control 3  Hydraglide™ Ride Control 3  Hydraglide™ Ride Control 3  Hydraglide™ Ride Control 5  Standard  Standard  Standard  Hydrosztafic Drive - Servo  Lift Arm Support Device  Standard  Standard  Optional  Standard  Standard  Standard  Standard  Standard  Optional  Hydraglide™ Ride Control 3  Hydraglide™ Ride Control 3  Hydraglide™ Standard  Hydrasztatic Drive - Servo  Lift Arm Support Device  Standard  Selectable Self-Leveling Hydraulic Lift Action 4	Engine Auto-Shutdown System	Standard
Auxiliary Hydraulics High-Flow Auxiliary Hydraulics Operator station  Adjustable Arm Rests / Control Towers 1 Heating Air conditioning Suspension Seat - Mechanical High-Back Adjustable Seat Suspension Seat - Air Ride Cab Enclosure Foot and Hand Throttles 2 Full Instrumentation Horn Standard Integral Access Plate (removable) Operator Restraint Bar ROPS/FOPS Level II Overhead Guard Sound Reduction Material Work Lights - Front and Rear Performance All-Tach® Attachment Mounting System Power-A-Tach® Attachment Mounting System Pack Control (Auto / Manual) Counterweight Hydraglide™ Ride Control 3 Hydraglide™ Ride Control 3 Hydraglide™ Ride Control 3 Hydraglide™ Ride Control 3 Hydraglide™ Safety System Standard Standard Standard Lift Arm Support Device Standard Standard Standard Standard Optional	Engine Block Heater	Optional
High-Flow Auxiliary Hydraulics  Operator station  Adjustable Arm Rests / Control Towers 1  Heating  Air conditioning  Suspension Seat - Mechanical  High-Back Adjustable Seat  Suspension Seat - Air Ride  Cab Enclosure  Foot and Hand Throttles 2  Foot and Hand Throttles 2  Foll Instrumentation  Integral Access Plate (removable)  Operator Restraint Bar  ROPS/FOPS Level II Overhead Guard  Sound Reduction Material  Work Lights - Front and Rear  Performance  All-Tach® Attachment Mounting System  Power-A-Tach® Attachment Mounting System  Power-A-Tach® Attachment Mounting System  Brake Control (Auto / Manual)  Counterweight  Hydraglide™ Ride Control 3  Hydraloc™ Safety System  Standard  Hydrostatic Drive - Servo  Lift Arm Support Device  Standard  Standard  Optional  Standard  Standard  Standard  Optional	Hydraulics	
Operator station         Adjustable Arm Rests / Control Towers 1       Standard         Heating       Optional         Air conditioning       Optional         Suspension Seat - Mechanical       Optional         High-Back Adjustable Seat       Standard         Suspension Seat - Air Ride       Optional         Cab Enclosure       Optional         Foot and Hand Throttles 2       Standard         Full Instrumentation       Standard         Horn       Standard         Integral Access Plate (removable)       Standard         Operator Restraint Bar       Standard         ROPS/FOPS Level II Overhead Guard       Standard         Sound Reduction Material       Standard         Work Lights - Front and Rear       Standard         Performance       All-Tach® Attachment Mounting System       Standard         Power-A-Tach® Attachment Mounting System       Optional         Anti-Vandalism Protection       Standard         Back-Up Alarm       Optional         Brake Control (Auto / Manual)       Standard         Counterweight       Optional         Hydraglide™ Ride Control 3       Optional         Hydraglide™ Ride Control 3       Optional         Hydrostatic Driv	Auxiliary Hydraulics	Standard
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Heating Optional Air conditioning Optional Suspension Seat - Mechanical Optional High-Back Adjustable Seat Standard Suspension Seat - Air Ride Optional Cab Enclosure Optional Foot and Hand Throttles 2 Standard Horn Standard Integral Access Plate (removable) Standard Operator Restraint Bar Standard Operator Restraint Bar Standard Sound Reduction Material Standard Work Lights - Front and Rear Standard Work Lights - Front and Rear Standard All-Tach® Attachment Mounting System Optional Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Counterweight Optional Hydraglide™ Ride Control 3 Optional Hydragloc™ Safety System Standard Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional	Operator station	
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Suspension Seat - Mechanical Optional High-Back Adjustable Seat Standard Suspension Seat - Air Ride Optional Cab Enclosure Optional Foot and Hand Throttles 2 Standard Horn Standard Integral Access Plate (removable) Standard Operator Restraint Bar Standard ROPS/FOPS Level II Overhead Guard Standard Sound Reduction Material Standard Work Lights - Front and Rear Standard Performance All-Tach® Attachment Mounting System Optional Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Counterweight Optional Hydraglide™ Ride Control 3 Optional Hydragloc™ Safety System Standard Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional	Heating	Optional
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Cab Enclosure Optional   Foot and Hand Throttles 2 Standard   Full Instrumentation Standard   Horn Standard   Integral Access Plate (removable) Standard   Operator Restraint Bar Standard   ROPS/FOPS Level II Overhead Guard Standard   Sound Reduction Material Standard   Work Lights - Front and Rear Standard   Performance Standard   All-Tach® Attachment Mounting System Standard   Power-A-Tach® Attachment Mounting System Optional   Anti-Vandalism Protection Standard   Back-Up Alarm Optional   Brake Control (Auto / Manual) Standard   Counterweight Optional   Hydraglide™ Ride Control 3 Optional   Hydraglide™ Safety System Standard   Hydrostatic Drive - Servo Standard   Lift Arm Support Device Standard   Selectable Self-Leveling Hydraulic Lift Action 4 Optional	High-Back Adjustable Seat	Standard
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Integral Access Plate (removable)  Operator Restraint Bar  ROPS/FOPS Level II Overhead Guard  Sound Reduction Material  Work Lights - Front and Rear  All-Tach® Attachment Mounting System  Power-A-Tach® Attachment Mounting System  Anti-Vandalism Protection  Back-Up Alarm  Brake Control (Auto / Manual)  Counterweight  Hydraglide™ Ride Control 3  Hydraloc™ Safety System  Standard  Hydrostatic Drive - Servo  Lift Arm Support Device  Selectable Self-Leveling Hydraulic Lift Action 4  Standard  Standard  Standard  Optional  Standard  Optional  Standard  Optional	Full Instrumentation	Standard
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ROPS/FOPS Level II Overhead Guard  Sound Reduction Material  Work Lights - Front and Rear  Performance  All-Tach® Attachment Mounting System  Power-A-Tach® Attachment Mounting System  Anti-Vandalism Protection  Back-Up Alarm  Optional  Brake Control (Auto / Manual)  Counterweight  Optional  Hydraglide™ Ride Control 3  Hydraloc™ Safety System  Standard  Hydrostatic Drive - Servo  Lift Arm Support Device  Selectable Self-Leveling Hydraulic Lift Action 4  Standard  Standard  Standard  Optional  Optional	Integral Access Plate (removable)	Standard
Sound Reduction MaterialStandardWork Lights - Front and RearStandardPerformanceAll-Tach® Attachment Mounting SystemStandardPower-A-Tach® Attachment Mounting SystemOptionalAnti-Vandalism ProtectionStandardBack-Up AlarmOptionalBrake Control (Auto / Manual)StandardCounterweightOptionalHydraglide™ Ride Control 3OptionalHydraloc™ Safety SystemStandardHydrostatic Drive - ServoStandardLift Arm Support DeviceStandardSelectable Self-Leveling Hydraulic Lift Action 4Optional	Operator Restraint Bar	Standard
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Performance  All-Tach® Attachment Mounting System  Power-A-Tach® Attachment Mounting System  Optional  Anti-Vandalism Protection  Back-Up Alarm  Optional  Brake Control (Auto / Manual)  Counterweight  Optional  Hydraglide™ Ride Control 3  Hydraloc™ Safety System  Standard  Hydrostatic Drive - Servo  Lift Arm Support Device  Selectable Self-Leveling Hydraulic Lift Action 4  Standard  Standard  Optional	Sound Reduction Material	Standard
All-Tach® Attachment Mounting System  Power-A-Tach® Attachment Mounting System  Anti-Vandalism Protection  Back-Up Alarm  Optional  Brake Control (Auto / Manual)  Counterweight  Optional  Hydraglide™ Ride Control 3  Hydraloc™ Safety System  Standard  Hydrostatic Drive - Servo  Standard  Selectable Self-Leveling Hydraulic Lift Action 4  Standard  Optional	Work Lights - Front and Rear	Standard
Power-A-Tach® Attachment Mounting System       Optional         Anti-Vandalism Protection       Standard         Back-Up Alarm       Optional         Brake Control (Auto / Manual)       Standard         Counterweight       Optional         Hydraglide™ Ride Control 3       Optional         Hydraloc™ Safety System       Standard         Hydrostatic Drive - Servo       Standard         Lift Arm Support Device       Standard         Selectable Self-Leveling Hydraulic Lift Action 4       Optional	Performance	
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Back-Up AlarmOptionalBrake Control (Auto / Manual)StandardCounterweightOptionalHydraglide™ Ride Control 3OptionalHydraloc™ Safety SystemStandardHydrostatic Drive - ServoStandardLift Arm Support DeviceStandardSelectable Self-Leveling Hydraulic Lift Action 4Optional	Power-A-Tach® Attachment Mounting System	Optional
Brake Control (Auto / Manual)  Counterweight Optional Hydraglide™ Ride Control 3 Optional Hydraloc™ Safety System Standard Hydrostatic Drive - Servo Standard Lift Arm Support Device Selectable Self-Leveling Hydraulic Lift Action 4 Optional	Anti-Vandalism Protection	Standard
CounterweightOptionalHydraglide™ Ride Control 3OptionalHydraloc™ Safety SystemStandardHydrostatic Drive - ServoStandardLift Arm Support DeviceStandardSelectable Self-Leveling Hydraulic Lift Action 4Optional	Back-Up Alarm	Optional
Hydraglide™ Ride Control 3OptionalHydraloc™ Safety SystemStandardHydrostatic Drive - ServoStandardLift Arm Support DeviceStandardSelectable Self-Leveling Hydraulic Lift Action 4Optional	Brake Control (Auto / Manual)	Standard
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Hydrostatic Drive - Servo Standard Lift Arm Support Device Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional	Hydraglide™ Ride Control 3	Optional
Lift Arm Support Device Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional	Hydraloc™ Safety System	Standard
Selectable Self-Leveling Hydraulic Lift Action 4 Optional	Hydrostatic Drive - Servo	Standard
,	Lift Arm Support Device	Standard
Two-Speed Drive Optional	Selectable Self-Leveling Hydraulic Lift Action 4	Optional
	Two-Speed Drive	Optional





#### Siège Social

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