#### **Technical sheet**

# 1650R

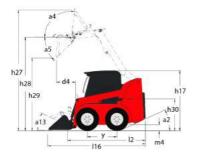
**Skid Steer Loaders** 





Capacities	Metric	Imperial
Rated Operating Capacity	748 kg	1650 lbs
Rated Op. Capacity with Opt. Counterweight	816.50 kg	1800 lbs
Weight and dimensions		
h27 - Overall Operating Height – Fully Raised	3876 mm	12 ft 9 in
h28 - Height to Hinge Pin – Fully Raised	3023 mm	9 ft 11 in
l16 - Overall Length with Bucket	3101 mm	10 ft 9 in
a5 - Dump Angle at Full Height	38 °	38 °
h29 - Dump Height	2380 mm	7 ft 10 in
Lifting height	3023 mm	9 ft 11 in
d4 - Dump Reach at Full Height	579 mm	1 ft 11 in
a13 - Rollback at Ground	28 °	28 °
a4 - Rollback Angle at Full Height	99 °	99 °
e1 - Bucket Width	1562 mm	5 ft 2 in
h17 Overall Height to Top of ROPS	1948 mm	6 ft 5 in
h30 - Seat to Ground Height	904 mm	2 ft 12 in
y - Wheelbase	988 mm	3 ft 3 in
b1 - Overall Width - Less Bucket A	1605 mm	5 ft 3 in
m4 - Ground Clearance to Chassis	160 mm	6 in
l2 - Overall Length - Less Bucket	2385 mm	7 ft 10 in
a2 - Departure Angle	21 °	21 °
b18 - Clearance Circle – Front with Bucket	1869 mm	6 ft 2 in
b19 - Clearance Circle – Front without Bucket	1153 mm	3 ft 9 in
wa3 - Clearance Circle – Rear	1466 mm	4 ft 10 in
Operating Weight – Approximate	2796 kg	6165 lbs
Performances		
Travel Speed – Maximum	12.60 km/h	7.80 mph
Travel Speed (Two-Speed Option)	19.50 km/h	12.10 mph
Wheels		
Standard Specification Tire Size	10x16.5 HD	10x16.5 HD
Engine		
Make	Yanmar	Yanmar
Model	4TNV98C-NMS2	4TNV98C-NMS2
Gross Power	69.90 hp / 52 kW	69.90 hp / 52 kW
Net Power	51 hp	51 hp
Maximum Torque	241 Nm at -	178 ft.lbs at -
Battery (CCA)	12 V / -	12 V / -
Starter	69.90 hp / 3 kW	69.90 hp / 3 kW
Alternator	69.90 hp / 100 kW	69.90 hp / 100 kW
Hydraulics		
Auxiliary Hydraulic Flow – Rated Speed	71.40 l/min	18.90 gpm
High-Flow Auxiliary Hydraulics – Option	94.60 l/min	25 gpm
Tank capacities		
Fuel Tank	62.50 l	16.50 US gal.
Hydraulic Reservoir Tank	41.60 l	11 US gal.
Displacement	3.30	0.87 US gal.
Noise & vibration		
Noise Level / Environmental Level (EU Dir. 00/14/EC)	101 dB(A)	101 dB(A)
Operator Ear (EU Dir. 2006/42/EC)	85 dB(A)	85 dB(A)
Whole-Body Vibration (ISO 2631-1)	<0.97 m/s²	- -
Hand-Arm Vibration (ISO 5349-1)	<1.53 m/s²	

## Dimensional drawing





### **Equipments**

Gehl T-Bar Controls  Hand/Foot Controls  Joystick Controls  Engine  Engine  Engine Auto-Shutdown System  Engine Block Heater  Swing-Out Cooler  Hydraulics  Auxillary Hydraulics  Optional  Alir Conditioning  Heating  Optional  Air conditioning  High-Back Adjustable Seat  Suspension Seat - Mechanical  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  Power-A-Tach® Attachment Mounting System  Power-A-Tach® Attachment Mounting System  Power-A-Tach® Control 3  Hydraloc™ Safety System  Hydraloc™ Safety System  Hydraloc™ Safety System  Hydrostatic Drive - Servo  Lift Arm Support Device  Standard  Two-Speed Drive  Optional	Controls	
Hand/Foot Controls Joystick Controls Coptional Engine Engine Auto-Shutdown System Engine Block Heater Swing-Out Cooler Hydraulics Auxiliary Hydraulics Auxiliary Hydraulics Optional Air conditioning Androlling Androlling Air conditioning Androlling		Ontional
Joystick Controls		·
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Swing-Out Cooler Standard   Hydraulics Auxiliary Hydraulics Optional   High-Flow Auxiliary Hydraulics Optional   Operator station Optional   Heating Optional   Air conditioning Optional   High-Back Adjustable Seat Standard   Suspension Seat - Mechanical Optional   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 Optional   Power-A-Tach® Attachment Mounting System Optional   Power-A-Tach® Attachment Mounting System Optional   Back-Up Alarm Optional   Brake Control (Auto / Manual) Standard   Counterweight Optional   Hydralolc™ Safety System Standard   Hydralolc™ Safety System Standard   Hydrostatic Drive - Servo Standard   Lift Arm Support Device Standard   Selectable Self-Leveling Hydraulic Lift Action 4 Optional		
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• •	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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