

# Product Specifications For 950 GC



## Engine

Net Power - ISO 9249	151 kW
Engine Model	Cat C7.1
Bore	105 mm
Stroke	135 mm
Displacement	7.01 l
Maximum Gross Torque - 1,400 rpm	1020 N·m
Rated Net Power - 2,200 rpm - ISO 9249	151 kW
Rated Gross Power - 2,200 rpm - ISO 14396	168 kW
Maximum Gross Power - 2,000 rpm - ISO 14396	171 kW
Maximum Net Torque - 1,300 rpm	931 N·m

## Weights

Operating Weight	18676 kg
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## Buckets

Bucket Capacities	2.5-4.4 m <sup>3</sup> (3.3-5.75 yd <sup>3</sup> )
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## Transmission

Forward - 1	7 km/h
Forward - 2	12.5 km/h
Forward - 3	22 km/h

Forward - 4	34 km/h
Reverse - 1	7 km/h
Reverse - 2	12.5 km/h
Reverse - 3	22 km/h

## Brakes

Brakes	Brakes meet ISO 3450
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## Hydraulic System

Steering System - Pump Type	Piston
Hydraulic Cycle Time - Total Cycle Time	10.1 s
Hydraulic Cycle Time - Lower, Empty, Float Down	2.8 s
Hydraulic Cycle Time - Raise from Carry Position	6.1 s
Implement System - Optional 3rd Function Maximum Flow	280 L/min
Implement System - Maximum Pump Output at 2,200 rpm	248 L/min
Implement System Pump Type	Piston
Implement System - Maximum Operating Pressure @ 50 ± 1.5 L/min (13.2 + 0.4 gal/min)	27900 kPa
Implement System - Optional 3rd Function Maximum Pressure @ 70 L/min	20680 kPa

## Cab

ROPS/FOPS	ROPS/FOPS meet ISO 3471 and ISO 3449 Level II standards
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## Operating Specifications

Breakout Force	147 kN
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**Note (1)**

\*\*Compliance to ISO (2007) 14397-1 Sections 1 thru 5.

**Static Tipping Load - Full 40°  
Turn - Rigid Tires\*\***

11197 kg

**Static Tipping Load - Full 40°  
Turn - ISO 14397-1\***

10503 kg

**Note (2)**

\*Full compliance to ISO (2007) 14397-1 Sections 1 thru 6, which requires 2% verification between calculations and testing.

## Loader Hydraulic System

**Hydraulic Cycle Time - Dump, at Maximum Raise**

1.2 s

## Tires

**Choices**

Choices include: 23.5-25 16PR, L3 (Triangle); 23.5R25, L3 (Triangle); 23.5R25, L3 (Bridgestone)

## Service Refill Capacities

**Differential - Final Drives - Front**

40 l

**Crankcase**

20 l

**Fuel Tank Size**

290 l

**Differential - Final Drives - Rear**

38 l

**Transmission**

45 l

**Hydraulic Tank**

120 l

**Cooling System**

48 l

## Dimensions

**B-Pin Height**

4188 mm

**B-Pin Height - Carry**

655 mm

<b>Lift Arm Clearance</b>	3649 mm
<b>Centerline of Rear Axle to Edge of Counterweight</b>	2001 mm
<b>Height - Top of ROPS</b>	3458 mm
<b>Height - Top of Exhaust Pipe</b>	3596 mm
<b>Height - Top of Hood</b>	2568 mm
<b>Ground Clearance</b>	460 mm
<b>Wheel Base</b>	3300 mm
<b>Centerline of Rear Axle to Hitch</b>	1650 mm
<b>Rack Back - Maximum Lift</b>	60 °
<b>Dump Angle at Maximum Lift</b>	52 °
<b>Rack Back - Carry</b>	45 °
<b>Rack Back - Ground</b>	40 °
<b>Height - Center Line of Axle</b>	750 mm

## Turning Radius

<b>Turning Radius - Inside of Tires</b>	3419 mm
<b>Turning Radius - Outside Edge of Counterweight</b>	6190 mm
<b>Turning Radius - Outside of Tires</b>	6164 mm
<b>Width - Over Tires</b>	2745 mm

## 950 GC Standard Equipment

### NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

## **POWER TRAIN**

Engine - Cat C7.1 Stage IIIA/Tier 3

Torque converter

Transmission, automatic, power shift (4F/3R), kick-down function, overspeed protection

Brakes, full hydraulic enclosed wet-disc

EIMS (Engine Idle Management System)

Fan, radiator, electronically controlled, hydraulically driven, temperature sensing, on demand

Filter, fuel primary/secondary/tertiary

Fuel/water separator

Filters, engine air, primary/secondary

Fuel priming pump (manual)

Muffler, sound suppressed

Radiator, unit core (9.5 fpi) with ATAAC

Starting aid, glow plugs

Switch, transmission neutralizer lockout

## **HYDRAULICS**

Load sensing implement system pilot operated

Dedicated load sensing steering pump

Dedicated brake and fan gear pump

## **ELECTRICAL**

Alarm, back-up/main disconnect switch

Alternator (115-amp, brush type)

Batteries, maintenance free (2×900 CCA)

Ignition key; start/stop switch

Lighting system, halogen (6 total): - Four (4) halogen work lights - Two (2) halogen roading lights

Starting and charging system (24-volt)

Starter, electric (heavy duty)

## **OPERATOR ENVIRONMENT**

Air conditioning with 10 vents and filter unit located outside of cab

Bucket/work tool function lockout

Cab, pressurized and sound suppressed

Hydroformed (ROPS/FOPS) structure

12V power port (10A)

Coat hook

Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick

Heater and defroster

Horn

Cup holders and personal tray on right console

Storage tray behind seat

Mirrors, rearview internal and external

Seat, Cat Comfort (cloth) mechanical suspension, auto-retractable seat belt

Steering column, adjustable angle  
Wipers/washers (front and rear)  
Window, sliding (left and right side)  
Computerized monitoring system

## **OTHER STANDARD EQUIPMENT**

Lift and return-to-dig kick outs (Electro-Magnetic), mechanical adjustment  
Doors, service access (locking)  
Fenders (front and rear) steel  
Grill, airborne debris  
Hitch, drawbar with pin  
Hood, non-metallic on steel structure  
Counterweight, 1800 kg  
Linkage, Z-bar, fabricated crosstube/tilt lever  
S-O-S oil sampling valves  
Product Link Ready