

# PRODUCT SPECIFICATIONS FOR 317 GC

	US	Metric
Net Power - ISO 9249	89 kW	
Engine Model	Cat C3.6	
Engine Power - ISO 14396	90 kW	
Bore	98 mm	
Stroke	120 mm	
Displacement	3.6 l	
Main System - Maximum Flow	296 L/min (78 gal/min)	
Maximum Pressure - Equipment	35000 kPa	
Maximum Pressure - Travel	35000 kPa	
Maximum Pressure - Swing	25800 kPa	
Swing Speed	8.7 r/min	
Maximum Swing Torque	61 kN·m	
Operating Weight	17300 kg	
Fuel Tank Capacity	271 l	

Cooling System	22 l
Engine Oil	11 l
Final Drive - Each	6 l
Hydraulic System - Including Tank	94 l
Hydraulic Tank	87 l
DEF Tank	22 l
Boom	Reach 5.1 m (16'9")
Stick	Reach R2.9 m (9'6")
Bucket	GD 0.76 m³ (0.99 yd³)
Shipping Height - Top of Cab	2930 mm
Handrail Height	2940 mm
Shipping Length	8570 mm
Tail Swing Radius	2500 mm
Counterweight Clearance	1010 mm
Ground Clearance	430 mm
Track Length	3970 mm
Length to Center of Rollers	3170 mm
Track Gauge	1990 mm

<b>Transport Width</b>	2590 mm
<b>Maximum Digging Depth</b>	6400 mm
<b>Boom</b>	Reach 5.1 m (16'9")
<b>Stick</b>	Reach R2.9 m (9'6")
<b>Bucket</b>	GD 0.76 m <sup>3</sup> (0.99 yd <sup>3</sup> )
<b>Maximum Reach at Ground Level</b>	9010 mm
<b>Maximum Cutting Height</b>	8900 mm
<b>Maximum Loading Height</b>	6280 mm
<b>Minimum Loading Height</b>	1990 mm
<b>Maximum Depth Cut for 2440 mm (8 ft) Level Bottom</b>	6170 mm
<b>Maximum Vertical Wall Digging Depth</b>	4960 mm
<b>Minimum Working Equipment Radius</b>	2940 mm
<b>Bucket Digging Force - ISO</b>	123 kN
<b>Stick Digging Force - ISO</b>	75 kN

<b>Air Conditioning</b>	The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.9 hg of refrigerant which has a CO2 equivalent of 1.287 metric tonnes.
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## **317 GC STANDARD EQUIPMENT**

### **NOTE**

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

### **BOOM AND STICKS**

5.1 m (16'9") Reach Boom

### **CAB**

ROPS, sound suppression

Comfort Cab: mechanical suspension seat, 203 mm (8") LCD touchscreen monitor

### **CAT TECHNOLOGIES**

Cat Product Link

Auto hammer stop

### **ELECTRICAL SYSTEM**

Maintenance free battery

LED chassis light and left-side boom light

Programmable time-delay LED working lights

Centralized electrical disconnect switch

### **ENGINE**

C3.6 Tier 4 Final/Stage V diesel engine

Two selectable modes: Power, Smart

Automatic engine speed control

Automatic engine shutdown

Electric fuel priming pump

Electric fuel priming pump

Electric cooling fans

Single fuel filtration system with water separator and indicator

Sealed double element air filter with integrated precleaner

Biodiesel capability up to B20

## **HYDRAULIC SYSTEM**

Boom and stick regeneration circuit

Automatic hydraulic warm up

Automatic two speed travel

Electronic main control valve

Boom and stick drift reduction valve

Boom and stick lowering check valve

Element-type main hydraulic filter

Single-type electronic main pump

## **SAFETY AND SECURITY**

Rear and right-side-view cameras

Ground-level engine shutoff switch

Service platform with anti-skid plate and countersunk bolts

Signaling/warning horn

Hydraulic lock out lever

## **SERVICE AND MAINTENANCE**

Side entry to service platform

Grouped engine oil and fuel filters

Ground-level engine oil dipstick

Sampling ports for Scheduled Oil Sampling (S·O·S)

## **UNDERCARRIAGE AND STRUCTURES**

Grease lubricated track link

Center track guiding guards

Bottom guards

Travel motor guards

ISO 15818:2017 Tie down points on base frame

**317 GC OPTIONAL EQUIPMENT**  
**NOTE**

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

## **CAB**

Cat Stick Steer

## **BOOM AND STICKS**

R2.6 m (8'6") stick

R2.9 m (9'6") stick

2.9 m (9'6") thumb ready stick

R3.1 m (10'2") stick

## **ELECTRICAL SYSTEM**

LED right-side boom light and cab lights

## **ENGINE**

-18°C (-0°F) cold start capability

-25°C (-13°F) cold start capability

## **UNDERCARRIAGE AND STRUCTURES**

500 mm (20") triple grouser shoes

600 mm (24") triple grouser shoes

600 mm (24 in) rubber track shoe

700 mm (28 in) triple grouser shoes with additional steps

3.05 mt (6,720 lb) counterweight

3.57 mt (7,870 lb) counterweight

