

# PRODUCT SPECIFICATIONS FOR 315 GC

<b>Net Power - ISO 9249</b>	73 kW
<b>Engine Model</b>	Cat C3.6
<b>Engine Power - ISO 14396</b>	74 kW
<b>Bore</b>	98 mm
<b>Stroke</b>	120 mm
<b>Displacement</b>	3.6 l
<b>Main System - Maximum Flow</b>	247 L/min (65 gal/min)
<b>Maximum Pressure - Equipment</b>	35000 kPa
<b>Maximum Pressure - Travel</b>	35000 kPa
<b>Maximum Pressure - Swing</b>	26000 kPa
<b>Swing Speed</b>	11.5 r/min
<b>Maximum Swing Torque</b>	35 kN·m
<b>Operating Weight</b>	15400 kg
<b>Fuel Tank Capacity</b>	187 l
<b>Cooling System</b>	15 l

<b>Engine Oil</b>	8 l
<b>Final Drive - Each</b>	3 l
<b>Hydraulic System - Including Tank</b>	85 l
<b>Hydraulic Tank</b>	72 l
<b>Boom</b>	Reach 4.65 m (15'3")
<b>Stick</b>	Reach R3 m (9'10")
<b>Bucket</b>	GD 0.53 m <sup>3</sup> (0.69 yd <sup>3</sup> )
<b>Shipping Height - Top of Cab</b>	2810 mm
<b>Handrail Height</b>	2860 mm
<b>Shipping Length</b>	7530 mm
<b>Shipping Length - with Blade</b>	8090 mm
<b>Tail Swing Radius</b>	1570 mm
<b>Counterweight Clearance</b>	880 mm
<b>Ground Clearance</b>	440 mm
<b>Track Length</b>	3750 mm
<b>Length to Center of Rollers</b>	3040 mm
<b>Track Gauge</b>	1990 mm
<b>Transport Width</b>	2690 mm

<b>Maximum Digging Depth</b>	5990 mm
<b>Boom</b>	Reach 4.65 m (15'3")
<b>Stick</b>	Reach R3 m (9'10")
<b>Bucket</b>	GD 0.53 m <sup>3</sup> (0.69 yd <sup>3</sup> )
<b>Maximum Reach at Ground Level</b>	8690 mm
<b>Maximum Cutting Height</b>	9690 mm
<b>Maximum Loading Height</b>	7220 mm
<b>Minimum Loading Height</b>	2080 mm
<b>Maximum Depth Cut for 2440 mm (8 ft) Level Bottom</b>	5810 mm
<b>Maximum Vertical Wall Digging Depth</b>	5180 mm
<b>Minimum Working Equipment Radius</b>	2240 mm
<b>Bucket Digging Force - ISO</b>	98.67 kN
<b>Stick Digging Force - ISO</b>	59.27 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 0.8 hg of refrigerant which has a CO <sub>2</sub> equivalent of 1.144 metric tonnes.

## **315 GC STANDARD EQUIPMENT**

### **NOTE**

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

### **BOOM AND STICKS**

4.65 M (15'3") Reach boom

### **CAB**

ROPS, sound suppression

Comfort Cab: mechanical suspension seat, 203 mm (8") touch screen monitor

### **CAT TECHNOLOGIES**

Cat Product Link

Auto hammer stop

### **ELECTRICAL SYSTEM**

Maintenance free battery

LED chassis light, left-side/right-side boom lights, cab lights

Programmable time-delay LED working lights

### **ENGINE**

C3.6 StageV/Tier 4 Final engine

Auto engine speed control

Auto engine shutdown

52°C (125°F) high-ambient cooling capacity without de-rate

-25°C (-13°F) cold start capability

Electric fuel priming pump

Variable speed fan

variable speed fan

Single fuel filtration system

Double element air filter with integrated precleaner

Biodiesel capability up to B20

## **HYDRAULIC SYSTEM**

Boom and stick regeneration circuit

Auto hydraulic warm up

Auto two speed travel

Electric main control valve

Boom and stick drift reduction valve

Single type electronic pump

Electric boom snubber

Auxiliary line support

## **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

## **SERVICE AND MAINTENANCE**

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

ISO 15818 tie down points on base frame

3830 kg (8,440 lb) counterweight

## **315 GC OPTIONAL EQUIPMENT**

### **NOTE**

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

### **CAB**

Cat Stick Steer

### **BOOM AND STICKS**

R2.5 m (8'2") stick

R2.8 m (9'2") stick

R2.8 m (9'2") Thumb Ready stick

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R3.0 m (9'10") stick

VA boom

## **HYDRAULIC SYSTEM**

Boom and stick lowering check valves

Medium-pressure line

High-pressure line

Quick coupler line

## **UNDERCARRIAGE AND STRUCTURES**

500 mm (20 in) triple grouser shoes

500 mm (20 in) triple grouser shoes with rubber pad

600 mm (24 in) triple grouser shoes

700 mm (28 in) triple grouser shoes

2500 mm (8'2") blade

2600 mm (8'6") blade

2700 mm (8'10") blade

600mm rubber shoe

770 mm TG shoes for long U/C with additional steps

