

# PRODUCT SPECIFICATIONS FOR 315 GC

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

Engine Oil	8 l
Final Drive - Each	3 l
Hydraulic System - Including Tank	85 l
Hydraulic Tank	72 l
Boom	Reach 4.65 m (15'3")
Stick	Reach R3 m (9'10")
Bucket	GD 0.53 m³ (0.69 yd³)
Shipping Height - Top of Cab	2810 mm
Handrail Height	2860 mm
Shipping Length	7530 mm
Shipping Length - with Blade	8090 mm
Tail Swing Radius	1570 mm
Counterweight Clearance	880 mm
Ground Clearance	440 mm
Track Length	3750 mm
Length to Center of Rollers	3040 mm
Track Gauge	1990 mm
Transport Width	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 CO2 equivalent of 1.144 metric tonnes.
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## 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

11.5 m (38') boom, 11.5 m (38') boom

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

