

# PRODUCT SPECIFICATIONS FOR 313 GC

Net Power - ISO 9249	73 HP
Engine Model	Cat C3.6
Engine Power - ISO 14396	74 HP
Bore	4 in
Stroke	5 in
Displacement	220 in³
Main System - Maximum Flow	247 L/min (65 gal/min)
Maximum Pressure - Equipment	5075 psi
Maximum Pressure - Travel	5075 psi
Maximum Pressure - Swing	3770 psi
Swing Speed	11.5 r/min
Maximum Swing Torque	25888 ft·lbf
Operating Weight	30400 lb
Fuel Tank Capacity	68.2 gal (US)
Cooling System	4 gal (US)

<b>Engine Oil</b>	2.1 gal (US)
<b>Final Drive - Each</b>	0.8 gal (US)
<b>Hydraulic System - Including Tank</b>	22.5 gal (US)
<b>Hydraulic Tank</b>	18.5 gal (US)
<b>Boom</b>	Reach 4.65 m (15'3")
<b>Stick</b>	Reach R3 m (9'8")
<b>Bucket</b>	GD 0.53 m <sup>3</sup> (0.69 yd <sup>3</sup> )
<b>Shipping Height - Top of Cab</b>	9.2 ft
<b>Handrail Height</b>	9.2 ft
<b>Shipping Length</b>	25.5 ft
<b>Shipping Length - with Blade</b>	26.4 ft
<b>Tail Swing Radius</b>	7.1 ft
<b>Counterweight Clearance</b>	3 ft
<b>Ground Clearance</b>	1.4 ft
<b>Track Length</b>	12.3 ft
<b>Length to Center of Rollers</b>	9.9 ft
<b>Track Gauge</b>	6.5 ft
<b>Transport Width</b>	8.1 ft

<b>Maximum Digging Depth</b>	19.8 ft
<b>Boom</b>	Reach 4.65 m (15'3")
<b>Stick</b>	Reach R3 m (9'8")
<b>Bucket</b>	GD 0.53 m³ (0.69 yd³)
<b>Maximum Reach at Ground Level</b>	28.4 ft
<b>Maximum Cutting Height</b>	28.9 ft
<b>Maximum Loading Height</b>	21 ft
<b>Minimum Loading Height</b>	5.2 ft
<b>Maximum Depth Cut for 2440 mm (8 ft) Level Bottom</b>	19.2 ft
<b>Maximum Vertical Wall Digging Depth</b>	17 ft
<b>Minimum Working Equipment Radius</b>	8.4 ft
<b>Bucket Digging Force - ISO</b>	22180 lbf
<b>Stick Digging Force - ISO</b>	13330 lbf

<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 0.85 hg of refrigerant which has a CO2 equivalent of 1.216 metric tonnes.
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## 313 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

### ELECTRICAL SYSTEM

Maintenance free battery

LED chassis light, left-side boom light, 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

-18°C (0°F) cold start capability

Electric fuel priming pump

Variable speed fan

Single fuel filtration system

Single rear mirror 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

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

Hydraulic lock out lever

## **SERVICE AND MAINTENANCE**

Grouped engine oil and fuel filters

Side entry to service platform

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

2470 kg (5,445 lb) counterweight

## 313 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

R3.0 m (9'8") stick

### ELECTRICAL SYSTEM

LED right-side boom light

360° lighting

## **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

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