

PRODUCT SPECIFICATIONS FOR 315 GC

US Metric

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 m ³ (0.69 yd ³)
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
Maximum Digging Depth	5990 mm
Boom	Reach 4.65 m (15'3")
Stick	Reach R3 m (9'10")
Bucket	GD 0.53 m ³ (0.69 yd ³)
Maximum Reach at Ground Level	8690 mm
Maximum Cutting Height	9690 mm
Maximum Loading Height	7220 mm
Minimum Loading Height	2080 mm
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	5810 mm
Maximum Vertical Wall Digging Depth	5180 mm
Minimum Working Equipment Radius	2240 mm
Bucket Digging Force - ISO	98.67 kN
Stick Digging Force - ISO	59.27 kN
Air Conditioning	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.

315 GC STANDARD EQUIPMENT

NOTE

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

BOOM AND STICKS

4.05 M (13'10") B. L. L.

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

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

2820 kg (8 140 lb) counterweight

5050 mg (0.440 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

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

