

PRODUCT SPECIFICATIONS FOR 313 GC

ENGINE

Engine Power - ISO 9249	54.3 kW
Engine Model	Cat C3.6
Engine Power - ISO 14396	55.4 kW
Bore	98 mm
Stroke	120 mm
Displacement	3.6 l

HYDRAULIC SYSTEM

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 MECHANISM

Swing Speed	11.5 r/min
Maximum Swing Torque	35 kN·m

WEIGHTS

Operating Weight	13800 kg
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SERVICE REFILL CAPACITIES

Fuel Tank Capacity	258 l
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Cooling System	15 l
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Engine Oil	8 l
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Final Drive - Each	3 l
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Hydraulic System - Including Tank	145 l
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Hydraulic Tank	70 l
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DIMENSIONS

Boom	Reach 4.65 m (15'3")
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Stick	Reach R3 m (9'8")
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Bucket	GD 0.53 m ³ (0.69 yd ³)
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Shipping Height - Top of Cab	2810 mm
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Handrail Height	2810 mm
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Shipping Length	7780 mm
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Shipping Length - with Blade	8050 mm
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Tail Swing Radius	2190 mm
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Counterweight Clearance	916 mm
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Ground Clearance	446 mm
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Track Length	3750 mm
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Length to Center of Rollers	3040 mm
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Track Gauge	1990 mm
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Transport Width	2490 mm
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WORKING RANGES & FORCES

Maximum Digging Depth	6040 mm
Boom	Reach 4.65 m (15'3")
Stick	Reach R3 m (9'8")
Bucket	GD 0.53 m³ (0.69 yd³)
Maximum Reach at Ground Level	8660 mm
Maximum Cutting Height	8830 mm
Maximum Loading Height	6420 mm
Minimum Loading Height	1600 mm
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	5860 mm
Maximum Vertical Wall Digging Depth	5190 mm
Minimum Working Equipment Radius	2570 mm
Bucket Digging Force - ISO	98.67 kN
Stick Digging Force - ISO	59.29 kN

AIR CONDITIONING SYSTEM

Air Conditioning

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.

313 GC STANDARD EQUIPMENT

NOTE

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area.

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

Automatic 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

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

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