

PRODUCT SPECIFICATIONS FOR 316 GC



ENGINE

**Engine Power - ISO
9249** 104 HP

Engine Model C3.6

**Engine Power - ISO
14396** 110 HP

Bore 4 in

Stroke 5 in

Displacement 220 in³

Note (1) Power advertised is tested to specific standards in effect at time of manufacture.

Note (2) Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.

HYDRAULIC SYSTEM

Main System - Maximum Flow 268 L/min (71 gal/min)

Maximum Pressure- Equipment 5076 psi

Maximum Pressure- Travel 5076 psi

Maximum Pressure- Swing 3756 psi

Boom Cylinder - Bore 4 in

Boom Cylinder - Stroke 40 in

Stick Cylinder - Stroke 47 in

Bucket Cylinder - Stroke 37 in

Stick Cylinder - Bore	5 in
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Bucket Cylinder - Bore	4 in
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SWING MECHANISM

Swing Speed	11.5 r/min
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Maximum Swing Torque	31634 ft·lbf
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WEIGHTS

Operating Weight	32200 lb
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SERVICE REFILL CAPACITIES

Fuel Tank Capacity	62.6 gal (US)
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Cooling System	2.9 gal (US)
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Engine Oil	2.9 gal (US)
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Final Drive - Each	0.8 gal (US)
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Hydraulic System - Including Tank	38.3 gal (US)
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Hydraulic Tank	20.3 gal (US)
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DIMENSIONS

Boom	HD 4.65 m (15'3")
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Stick	HD 2.5 m (8'2")
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Bucket	GD 0.65 m ³ (0.85 yd ³)
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Shipping Height - Top of Cab	9.1 ft
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Handrail Height	9.3 ft
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Shipping Length	25.8 ft
Tail Swing Radius	7.8 ft
Counterweight Clearance	2.9 ft
Ground Clearance	1.4 ft
Track Length	12.3 ft
Length to Center of Rollers	9.9 ft
Track Gauge	6.5 ft
Transport Width	8.2 ft
Length - Center of Rollers	10 ft

WORKING RANGES & FORCES

Maximum Digging Depth	18.1 ft
Boom	HD 4.65 m (15'3")
Stick	HD 2.5 m (8'2")
Bucket	GD 0.65 m ³ (0.85 yd ³)
Maximum Reach at Ground Level	26.8 ft
Maximum Cutting Height	27.9 ft
Maximum Loading Height	20 ft
Minimum Loading Height	6.6 ft
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	17.5 ft

Maximum Vertical Wall Digging Depth	15.9 ft
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Bucket Digging Force - ISO	24500 lbf
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Stick Digging Force - ISO	16860 lbf
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MACHINE WEIGHT

Operating Weight	31600 lb
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316 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

- Sound suppressed with viscous mounts
- High-resolution 203 mm (8") LCD touchscreen monitor
- Mechanically adjustable seat with headrest
- Automatic bi-level air conditioner
- Keyless push-to-start engine control
- Floor-mounted adjustable consoles
- 1-button joystick
- AM/FM radio with USB and aux port
- 24V DC outlet
- Cup holder and storage compartments
- 70/30 tempered glass windshield
- Upper radial wiper with washer
- Openable steel hatch
- Dome light
- Washable floor mat

CAT TECHNOLOGY

[Cat Product Link](#)

ELECTRICAL SYSTEM

- 750 CCA maintenance-free batteries (x2)
- Electrical disconnect switch
- LED left-side boom and chassis lights
- LED cab light

Cat C3.6 single turbo diesel engine

ENGINE

Three selectable modes: Power, Smart, Eco
52°C (125°F) high-ambient cooling capability
-18°C (0°F) cold start capability
Biodiesel capability up to B20
Electric fuel priming pump
Two-stage fuel filtration system
Sealed double-element air filter with precleaner

HYDRAULIC SYSTEM

Electronic main control valve, hammer ready
Electronic control pump
Boom and stick regeneration circuits
Automatic hydraulic oil warm up
Automatic two-speed travel
High performance hydraulic return filter

SAFETY AND SECURITY

Anti-skid plating with countersunk bolts
Handrail and handhold
Lockable external tool/storage box
Mirror package
Signaling/warning horn
Hydraulic lockout lever

SERVICE AND MAINTENANCE

Grouped location of filters
Radiator screen
S·O·S sampling ports

UNDERCARRIAGE AND STRUCTURES

Center track guiding guard
Grease lubricated track link
Bottom guards
Travel motor guards
3.2 mt (7,055 lb) counterweight
Tie-down points

316 GC OPTIONAL EQUIPMENT

NOTE

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

BOOM AND STICKS

2.5 m (8'2") Reach stick

3.0 m (9'10") Reach stick

CAB

3-button joystick

ELECTRICAL SYSTEM

LED right-side boom light

ENGINE

-25°C (-13°F) cold start capability

HYDRAULIC SYSTEM

Hammer lines

Hammer floor pedal kit

SAFETY AND SECURITY

Rearview camera

Swing alarm

Travel alarm with cancel switch

UNDERCARRIAGE AND STRUCTURES

500 mm (20") triple grouser shoes

600 mm (24") triple grouser shoes

700 mm (28") triple grouser shoes with additional steps

770 mm (30") triple grouser shoes with additional steps

Swivel guard