Product Specifications For 316 GC

Engine

Net Power - ISO 9249	68.2 kW
Engine Model	C4.4
Engine Power - ISO 14396	74.5 kW
Bore	105 mm
Stroke	127 mm
Displacement	4.4 l
Biodiesel Capability	Up to B20
Emissions	Meets emission standards equivalent to U.S. EPA Tier 3, EU Stage IIIA, Japan 2006 (Tier 3), and China Nonroad Stage III.
Note (1)	Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator. Advertised power is tested per the specified standard in effect at the time of manufacture.
Note (2)	[1]Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to 100% biodiesel FAME (fatty acid methyl ester)* or 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels. *For use of blends higher than 20% biodiesel, consult your Cat dealer. **Lower-carbon intensity fuels do not significantly reduce GHGs

Weights

Operating Weight	14400 kg

Working Ranges And Forces

Maximum Digging Depth	5580 mm

Boom	HD 4.65 m (15'3")
Stick	HD 2.5 m (8'2")
Bucket	HD 0.76 m³ (0.99 yd³)
Maximum Reach at Ground Level	3220 mm
Maximum Cutting Height	8520 mm
Maximum Loading Height	6060 mm
Minimum Loading Height	1970 mm
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	5380 mm
Maximum Vertical Wall Digging Depth	5050 mm
Bucket Digging Force - ISO	98.4 kN
Stick Digging Force - ISO	68.8 kN

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	25900 kPa
Bucket Cylinder - Stroke	939 mm
Boom Cylinder - Bore	105 mm
Stick Cylinder - Stroke	1197 mm

Stick Cylinder - Bore	120 mm
Bucket Cylinder - Bore	100 mm
Boom Cylinder - Stroke	1015 mm

Swing Mechanism

Swing Speed	11.5 r/min
Maximum Swing Torque	34.1 kN·m

Service Refill Capacities

Fuel Tank Capacity	237 l
Cooling System	18 l
Engine Oil	16 l
Final Drive - Each	3 l
Hydraulic System - Including Tank	145 l
Hydraulic Tank	77 l

Dimensions

Boom	HD 4.65 m (15'3")
Stick	HD 2.5 m (8'2")
Bucket	HD 0.76 m³ (0.99 yd³)
Shipping Height - Top of Cab	2790 mm
Handrail Height	2840 mm
Shipping Length	7870 mm

Tail Swing Radius	2350 mm
Counterweight Clearance	900 mm
Ground Clearance	430 mm
Track Length	3750 mm
Length to Center of Rollers	3040 mm
Track Gauge	1990 mm
Transport Width	2490 mm
Length - Center of Rollers	3040 mm

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