



# Cat<sup>®</sup> 336 GC

## Hydraulic Excavator

***The Cat<sup>®</sup> 336 GC excavator balances productivity with easy-to-use controls, a new comfortable cab, improved fuel efficiency by up to 5 percent, and longer maintenance intervals that reduce maintenance costs up to 15 percent – all to give you a durable, low-cost per-hour excavator for your applications.***

***Not all features available in all regions. Consult your Cat dealer for specific configurations available in your region.***

### High Performance with Lower Fuel Consumption

- The excavator is 5 percent more fuel efficient than the 336D2 in similar applications.
- The C7.1 engine can run on biodiesel up to B20 and meets China Nonroad Stage III emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Match the excavator to the job with two power modes. Power mode is when you maximum power all the time. Smart mode automatically matches engine and hydraulic power to digging conditions, providing max power when needed and reducing power when it isn't to help save fuel.
- The advanced hydraulic system provides the optimum balance of power and efficiency while giving you the control you need for precise digging requirements.
- Valve priority puts hydraulic pressure and flow where you command it to go for fast light- to medium-load cycle times.
- Advansys™ bucket tips increase penetration and improve cycle times. Tip changes can be done quickly with a simple lug wrench instead of a hammer or special tool, improving safety and uptime.
- Add auxiliary hydraulics to do more work with various Cat attachments.
- Product Link™ comes standard so you can remotely monitor machine health, location, hours, and fuel consumption on demand through the VisionLink® online interface.

### Reliable in Tough Conditions

- Work up to Up to 3300 m (10,830 ft) above sea level.
- Standard high-ambient temperature capability is 52° C (125° F) with cold start capability at –18° C (0° F).
- Automatic hydraulic oil warm up gets you to work faster in cold temperatures and helps prolong the life of components.
- Two levels of filtration protect the engine from dirty diesel fuel.
- Grease sealed between track pins and bushings reduces travel noise and prevents debris from entering to increase undercarriage life.
- The center track guiding guard helps keep the excavator track aligned when traveling and working on slopes.
- The sloped track frame prevents mud and debris accumulation, helping reduce risk of track damage.



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## Work in Comfort in the All-New Cab

- The Comfort cab has a wide seat that adjusts for operators of all sizes.
- Control the excavator comfortably with easy-to-reach controls all located in front of you.
- Standard automatic climate control keeps you at the right temperature all shift long.
- Advanced viscous mounts reduce cab vibration by up to 50 percent over previous excavator models.
- Stow your gear with plenty of in-cab storage beneath and behind the seat, overhead, and in the consoles.
- Use the standard radio's USB ports and Bluetooth® technology to connect to personal devices.

## Simple to Operate

- Start the engine with the push of a button; use a Bluetooth key fob, smartphone app, or Operator ID passcode.
- Program each joystick button, including power mode, response, and pattern, using Operator ID; the machine will remember what you set each time you go to work.
- Navigate quickly on the standard high-resolution 203 mm (8 inch) touchscreen monitor or with the aid of the jog dial control.
- Protect your hammer from overworking. Auto hammer stop warns you after 15 seconds of continuous firing and then automatically shuts it off after 30 seconds – all to prevent wear and tear on the attachment and excavator.
- Not sure how a function works or how to maintain the excavator? Always have the operator's manual at your fingertips in the touchscreen monitor.
- The Cat PL161 Attachment Locator is a Bluetooth device that makes finding your attachments and other gear quick and easy. The Cat App on your phone will locate the device automatically.

## Maintenance

- Expect up to 15 percent less maintenance cost than the 336D2 due to extended service intervals. (Savings calculated over 12,000 machine hours.)
- Check hydraulic system oil and easily drain fuel system water and fuel tank water from ground level.
- Track your excavator's filter life and maintenance intervals via the in-cab monitor.
- Change all fuel filters at a synchronized 1,000 hours. Oil and fuel filters are grouped and located on right-hand side of machine for easy maintenance.
- The new air intake filter with precleaner has double the dust holding capacity of the previous air intake filter.
- The new hydraulic oil filter provides improved filtration performance, anti-drain valves to keep oil clean when the filter is replaced, and longer life with a 3,000 hour replacement interval – 50 percent longer than previous filter designs.
- S-O-S<sup>SM</sup> ports are on ground level, simplifying maintenance and allowing for quick, easy extraction of fluid samples for analysis.

## Safety

- Keep your excavator secure with Operator ID. Use your PIN code on the monitor to enable the push button starting feature.
- The standard ROPS cab meets ISO 12117-2:2008 requirements.
- A travel direction indicator helps operators know which way to activate the travel levers.
- A ground-level shutoff switch stops all fuel to the engine when activated and shuts down the machine.
- Enjoy great visibility into the trench, in each swing direction, and behind you with the help of smaller cab posts and larger windows.
- Serrated steps and anti-skid punch plate on the service platform help prevent slipping.
- A rearview camera is standard.

## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>CAB</b>					
ROPS, sound suppression	✓				
High-resolution 203 mm (8") LCD touchscreen monitor	✓				
Mechanically adjustable seat	✓				
<b>ENGINE</b>					
Cold start block heaters		✓			
Two selectable modes: Power, Smart	✓				
Automatic engine speed control	✓				
Up to 3300 m (10,830 ft) altitude capability	✓				
52° C (126° F) high-ambient cooling capacity with hydraulic reverse fan	✓				
Hydraulic reverse fan		✓			
-18° C (0° F) cold start capability	✓				
-32° C (-25° F) cold start capability		✓			
Double element air filter with integrated precleaner	✓				
Biodiesel capability up to B20	✓				
<b>HYDRAULIC SYSTEM</b>					
Boom and stick regeneration circuit	✓				
Electronic main control valve	✓				
Automatic hydraulic oil warm up	✓				
Reverse swing damping valve	✓				
Automatic swing parking brake	✓				
High performance hydraulic return filter	✓				
Two speed travel	✓				
Bio hydraulic oil capability	✓				
Fine swing		✓			
Single one-way auxiliary circuit		✓			
Combined two-way auxiliary circuit		✓			
Combined two-way auxiliary circuit with hammer return filter		✓			
Medium-pressure auxiliary circuit		✓			
Quick coupler circuit		✓			
<b>UNDERCARRIAGE AND STRUCTURES</b>					
Long undercarriage*	✓				
Standard undercarriage	✓				
Towing eye on base frame	✓				
6.8 mt (14,991 lb) counterweight	✓				
600 mm (24") triple grouser track shoes		✓			
700 mm (28") triple grouser track shoes		✓			
800 mm (31") triple grouser track shoes		✓			
850 mm (33") triple grouser track shoes		✓			
<b>BOOMS AND STICKS</b>					
6.18 m (20'3") Mass boom					✓
6.5 m (21'4") Reach boom					✓
2.55 m (8'4") stick					✓
2.8 m (9'2") stick					✓
3.2 m (10'6") stick					✓
3.9 m (12'10") stick					✓
<b>ELECTRICAL SYSTEM</b>					
Maintenance-free 1,000 CCA batteries (×2)	✓				
Centralized electrical disconnect switch	✓				
LED chassis light, LH and RH boom lights, cab lights	✓				
<b>CAT TECHNOLOGY</b>					
Cat Product Link			✓		
<b>SERVICE AND MAINTENANCE</b>					
Grouped location of engine oil and fuel filters			✓		
Scheduled Oil Sampling (S-O-S) ports			✓		
Electric refueling pump with automatic shutoff					✓
<b>SAFETY AND SECURITY</b>					
Caterpillar One Key security system			✓		
Lockable external tool/storage box			✓		
Lockable door, fuel, and hydraulic tank locks			✓		
Lockable fuel drain compartment			✓		
Service platform with anti-skid plate and recessed bolts			✓		
RH handrail and hand hold (ISO 2867:2011 compliant)			✓		
Standard visibility mirror package			✓		
Signaling/warning horn			✓		
Ground-level secondary engine shutoff switch			✓		
Rearview camera			✓		

\*Indonesia only

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## Technical Specifications

### Engine

Engine Model	Cat C7.1	
Engine Power – ISO 9249	194 kW	259 hp
Engine Power – ISO 14396	195 kW	261 hp
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.1 L	433 in <sup>3</sup>

### Hydraulic System

Main System – Maximum Flow – Implement	559 L/min (279 × 2 pumps)	148 gal/min (74 × 2 pumps)
Maximum Pressure – Equipment – Implement	35 000 kPa	5,076 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	28 000 kPa	4,061 psi

### Swing Mechanism

Swing Speed	8.74 rpm	
Maximum Swing Torque	137 kN·m	101,168 lbf-ft

### Weights

Operating Weight*	33 900 kg	74,800 lb
Standard undercarriage, Reach boom, R3.2DB (10'6") stick, HD 1.88 m <sup>3</sup> (2.46 yd <sup>3</sup> ) bucket, 600 mm (24") triple grouser shoes, 6.8 mt (14,991 lb) counterweight.		

\*Add 900 kg (1,900 lb) more for long undercarriage.

### Service Refill Capacities

Fuel Tank Capacity	600 L	158.5 gal
Cooling System	19 L	4.9 gal
Engine Oil (with filter)	20 L	5.3 gal
Swing Drive (each)	18 L	4.8 gal
Final Drive (each)	8 L	2.1 gal
Hydraulic System (including tank)	373 L	98.5 gal
Hydraulic Tank	161 L	42.5 gal

### Dimensions

<b>Boom</b>	<b>Reach Boom 6.5 m (21'4")</b>	
<b>Stick</b>	<b>Reach Stick 3.2 m (10'6")</b>	
<b>Bucket</b>	<b>HD 1.88 m<sup>3</sup> (2.46 yd<sup>3</sup>)</b>	
Shipping Height (top of cab)	3170 mm	10'4"
Handrail Height	3160 mm	10'4"
Shipping Length	11 170 mm	36'7"
Tail Swing Radius	3530 mm	11'6"
Counterweight Clearance	1250 mm	4'1"
Ground Clearance	510 mm	1'8"
Length to Center of Rollers		
Long Undercarriage	4040 mm	13'3"
Standard Undercarriage	3610 mm	11'10"
Track Length		
Long Undercarriage	5030 mm	16'6"
Standard Undercarriage	4590 mm	15'0"
Track Gauge	2590 mm	8'5"
Transport Width – 600 mm (24") Shoes	3190 mm	10'5"

### Working Ranges and Forces

<b>Boom</b>	<b>Reach Boom 6.5 m (21'4")</b>	
<b>Stick</b>	<b>Reach Stick 3.2 m (10'6")</b>	
<b>Bucket</b>	<b>HD 1.88 m<sup>3</sup> (2.46 yd<sup>3</sup>)</b>	
Maximum Digging Depth	7520 mm	24'8"
Maximum Reach at Ground Line	11 050 mm	36'3"
Maximum Cutting Height	10 300 mm	33'9"
Maximum Loading Height	7080 mm	23'2"
Minimum Loading Height	2580 mm	8'5"
Maximum Depth Cut for 2440 mm (8'0") Level Bottom	7360 mm	24'1"
Maximum Vertical Wall Digging Depth	5660 mm	18'6"
Bucket Digging Force (ISO)	197 kN	44,350 lbf
Stick Digging Force (ISO)	148 kN	33,160 lbf



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