

330 GC

HYDRAULIC EXCAVATOR



Engine Power
Operating Weight

158 kW (212 hp)
26,500 kg (58,300 lb)

For more information, visit www.cat.com or call 1-800-451-7243.

CAT

NEXT GENERATION EXCAVATORS

Cat Next Generation Excavators offer you more choices than ever for your business.

- MORE MODEL OPTIONS
- MORE STANDARD TECHNOLOGIES
- MORE FUEL EFFICIENCY

Ready to help you make your business stronger, Cat Next Generation Excavators give you help to get the most work done at the lowest cost — so you get more money in your pocket.



THE CAT[®] 330 GC

RELIABLE. COMFORTABLE. PRODUCTIVE.

THE CAT 330 GC offers you the ideal balance of dependable performance, operator productivity features, and robustness. The Cat 330 GC is a smart choice for operators where high reliability and low cost per hour performance are priorities.



REDUCE FUEL CONSUMPTION UP TO 10%*

The precise combination of larger hydraulic pumps, an electronic main control valve, and electronically controlled cooling fans delivers top performance while burning less fuel.

WORK SMART. SAVE MONEY.

The Cat 330 GC is equipped with two modes to help manage fuel consumption for your specific applications... Power Mode and Smart Mode.

Power Mode delivers maximum productivity in high demand applications like truck loading and trenching.

Smart Mode automatically matches engine speed and hydraulic power to demand for the highest fuel efficiency in any application.

Operators control and store their power mode preferences using Operator ID. Owners can lock in the mode they want their operators to use to help manage fuel consumption.

*Compared to 330C

FUEL SAVINGS ADD UP.

The Next Generation Cat 330 GC saves up to 10% over the last 330C.

THE NEXT GENERATION CAT 330 GC USES 4000 L (1060 GALS) LESS FUEL PER YEAR COMPARED TO THE CAT 330C.



EXAMPLE

Based on 1,000 hours per year.

4000 L (1060 GALS) LESS FUEL PER YEAR. 4000 L (1060 GALS) LESS FUEL PER YEAR. 4000 L (1060 GALS) LESS FUEL PER YEAR. 4000 L (1060 GALS) LESS FUEL PER YEAR. 4000 L (1060 GALS) LESS FUEL PER YEAR.

CAB TAKES

THE HARD OUT OF WORK

Sites where excavators typically work are rugged and challenging. That's why it's important that the ISO-EC cab protects the operator as much as possible from the fatigue, stress, sweat, and temperatures of the job.

ISO-CERTIFIED ROPS CAB

The ISO-certified ROPS cab is sound suppressed and sealed. The windows and lower front, right, and rear profile of the machine give extraordinary visibility to the work area without the strain of constantly looking to wind.

ALL-AROUND VISIBILITY

Large windows at the front, sides, and rear give excellent visibility in all directions from the operator seat. The ROPS structure uses narrow front cab pillars to allow a clear field of view to the front. Plus, with the constant roofline and available high-contrast sideview cameras, operators will always be aware of what's surrounding the excavator.

EASY ACCESS, CONNECTIVITY, AND STORAGE

Several built-in convenience features make work more comfortable for operators:

- Bluetooth integrated radio
- USB ports for charging and phone connectivity
- 12V DC outlets and ACB port
- Storage in rear, overhead, and console compartments
- Cup and bottle holders





CUSTOMIZABLE JOYSTICKS

Joystick function can be customized through the monitor. Joystick pattern as well as response can be set to match operator preferences. All preferences are saved with the Operator ID and restored at login.



TOUCHSCREEN MONITOR

Most machine settings can be controlled through the high resolution 20.1 inch touchscreen monitor. It offers 47 languages and is easy to reach from the seat – no twisting or turning to reach switches. A handy joystick control and shortcut keys are also ergonomically positioned at the right console.



SEAT AND CONSOLE

Efficiency of movement is critical to keeping operators productive and alert all shift long. The 228 GC seat is designed for every operator and comfort. The standard seat is wide and adjustable so operators at any size can work comfortably.



KEYLESS PUSH START

The 228 GC uses a keyless push-button engine start. This adds security for the machine by using Operator ID codes to test controls & machine access. Codes can be entered manually, via an optional Bluetooth key fob, or a smartphone app.



LOWER MAINTENANCE COSTS UP TO 25%

With synchronized and optimized maintenance intervals, you get more done at a lower cost compared to the 2002. Consolidated filter locations make service faster. Hydraulic, air, and fuel tank filters have increased capacity and longer life. Access to the operator and maintenance manual is easy through the in-cab monitor.

KEY MAINTENANCE COST REDUCTIONS INCLUDE:

- Consolidated filter locations to reduce service time.
- Improved hydraulic filter with higher dirt holding capacity.
- Oil and fuel filters with extended maintenance intervals.
- Advanced Cat air filter with double the dirt holding capacity of the previous filter.
- High efficiency electric cooling fans only run when needed and reverse to keep coolers free from debris. Clean between normal and auto reverse fan settings.

LESS RISK. MORE REWARD.

REDUCED RISK OF LEAKS AND DAMAGE WITH
IMPROVED HYDRAULIC AND FUEL FILTERS.



SAFETY FEATURES

LOOK OUT FOR YOUR PEOPLE
AND YOUR EQUIPMENT

Keep your people and your equipment safe with upper platform access, a ground level engine oil dipstick, and secure start system on the Cat 330 GC excavator.



UPPER PLATFORM ACCESS

Access the upper platform from the entry point on the right side of the machine. The additional steps and handrails provide added support.

GROUND-LEVEL DAILY MAINTENANCE

All daily maintenance checks can be performed from ground level, making maintenance faster, easier, and safer. Checkpoints include the engine oil dipstick, fuel water separator, fuel tank water and sediment drain, and cooling system coolant level check.

SECURE START

Use your PIN code on the monitor, the optional Bluetooth key fob, or your credentials to secure the machine before starting hours.

CAT LINK TECHNOLOGY TAKES THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

CAT LINK telematics technology helps take the complexity out of managing your jobsites – by gathering data generated by your equipment, materials, and people and saving it up to you in customizable formats.



PRODUCT LINK™

Product Link™ collects data automatically and accurately from your assets – any type and any brand. Information such as location, hours, fuel usage, productivity, life time, maintenance alerts, diagnostic codes, and machine health can be viewed online through web and mobile applications.



VISIONLINK®

Access information anytime, anywhere with VisionLink® and use it to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your jobsites. With different subscription-level options, your Cat dealer can help you configure exactly what you need to connect your fleet and manage your business without paying for extras you don't want. Subscriptions are available with calendar or satellite reporting (or both).

Caterpillar releases products, services, and technology in each region at different time intervals. Please verify with your local Cat dealer for technology availability and specifications.

INCREASE YOUR PRODUCTIVITY AND PROFIT WITH CAT ATTACHMENTS

The cat easily expand the performance of your machine by adding any of the variety of Cat Attachments. Each Cat Attachment is designed to fit the weight and horsepower of Cat Excavators for optimal performance, safety and stability.

BUCKETS



HYDRAULIC HAMMERS



PREVENT DAMAGED WEAR AND TIRE

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.

WHEEL-PROTECTOR



WHEEL COUPLERS



SHOVELS



SHOALS



REGULATORY PLATE COMPACTORS



TECHNICAL SPECIFICATIONS

See catalog for complete specifications.

GENERAL	
Tractor Model	261C11
Tractor Power - ISO 1585	700kW / 707 hp
Tractor Power - ISO 1498	700kW / 707 hp
Size	700 mm / 4 ft
Stroke	100 mm / 3 in
Displacement	3.8 L / 460 cc
Net Power is based per ISO 1585. Standards in effect at the time of manufacture.	
Net power exhibited in the power available at the PTO when the engine is equipped with the air intake system, exhaust system and alternator.	
Rated speed at 1,200 rpm	

HYDRAULIC SYSTEM	
Flow System - Maximum Flow (Impeller)	60 L/min / 16 gal/min
Maximum Pressure - Impeller	31.000 kPa / 3,000 psi
Maximum Pressure - Inlet	31.000 kPa / 3,000 psi
Maximum Pressure - Outlet	31.000 kPa / 4,500 psi

GENERAL PERFORMANCE	
Digging Speed	11.2 gpm
Maximum Digging Torque	92.0 Nm / 10,200 ft-lb

WEIGHTS	
Operating Weight*	21,500 kg / 47,500 lb
*5.0 ton (11,023) Counterweight, Standard Undercarriage, Skid Steer, 83 (1,847) S&C, 100 LHM w/ (2.00 yd ³) bucket and 600mm (24") single ground wheel.	
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HYDRAULIC CAPACITIES	
Fuel Tank	440 / 115.2 gal
Coaling System	75 / 20 gal
Tractor Oil	55 / 15 gal
Digging Drive	80 / 21 gal
Fuel Drive (total)	111 / 29 gal
Hydraulic System (including tank)	200 / 53 gal
Hydraulic Tank	140 / 37 gal

DIMENSIONS	
Boom	Reach 4.75 m (15'7")
Deck	Reach 3.7 m (12'0")
Bucket	100 LHM w/ (2.00 yd ³)
Digging Height (top of load)	3000 mm / 100'
Maximal Height	3000 mm / 100'
Digging Length	19.400 mm / 64'3"
Ear Digging/Reel	1100 mm / 35'
Feed Length to Center of Rollers - Standard Undercarriage	1400 mm / 45'
Feed Length to Center of Rollers - Long Undercarriage*	2000 mm / 65'
Ground Clearance	600 mm / 1'9"
Feed Range - Standard Undercarriage	1200 mm / 4'
Feed Range - Long Undercarriage*	1700 mm / 5'
Transport Width - 600mm (24") Skid, Standard Undercarriage	1000 mm / 3'3"
Transport Width - 600mm (24") Skid, Long Undercarriage*	1200 mm / 3'9"
Transport Width - 600mm (24") Skid, Standard Undercarriage	1000 mm / 3'3"
Counterweight Overlap	1100 mm / 3'6"
*Australia, New Zealand use 2.0m only	

HYDRAULIC CAPACITIES AND WEIGHTS	
Boom	Reach 4.75 m (15'7")
Deck	Reach 3.7 m (12'0")
Bucket	100 LHM w/ (2.00 yd ³)
Maximum Digging Depth	7000 mm / 22'9"
Maximum Reach at Ground Level	10.000 mm / 32'7"
Maximum Lifting Height	3000 mm / 10'
Maximum Lifting Depth	600 mm / 2'0"
Maximum Lifting Height	2000 mm / 6'6"
Maximum Depth Cut for 70C w/ (2') Load Rollers	7000 mm / 22'7"
Maximum Vertical Wall Digging Depth	6000 mm / 19'8"
Bucket Digging Force (2.0)	170.00 / 40,000 lb
Deck Digging Force (2.0)	130.00 / 30,000 lb

STANDARD & OPTIONAL EQUIPMENT

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

LINE	STANDARD	OPTIONAL
ISPC standard sound suppression	+	
Weatherably adjustable seat	+	
High resolution 120mm (5 in) LCD touchscreen monitor	+	
LINE SKIDSTEER	STANDARD	OPTIONAL
Car Product Link	+	
Auto Inverter Stop	+	
ENGINE	STANDARD	OPTIONAL
Two catalytic converter modules	+	
Auto engine speed control	+	
Auto engine idle shutdown	+	
SPE (SPE ¹) High ambient cooling capacity	+	
-37°C (-33°F) cold start capability		+
Double element air filter with integrated pre-cleaner	+	
Revolving electric cooling fans	+	
Standard expansion-type oil	+	
HYDRAULIC SYSTEM	STANDARD	OPTIONAL
Steer and lift regeneration circuits	+	
Auto working	+	
Auto low speed travel	+	
Steer and lift shift valve flow valve	+	
Steer and lift lowering check valves		+
Hydraulic return filter circuit		+
Load Control (low pump, machine way high pressure flow)		+
Load Control (low pump, machine way high pressure flow)		+
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Load Control (low pump, machine way high pressure flow)		+
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Load Control (low pump, machine way high pressure flow)		+

WORKING TOOLS	STANDARD	OPTIONAL
675 mm (27 in) reach boom, 1.7 m (5 FT) reach stack		+
810 mm (32 in) reach boom, 1.95 m (6 FT) reach stack		+
1.05 m (37 in) reach boom, 2.1 m (7 FT) reach stack		+
WORKING AIDS AND TOOLS	STANDARD	OPTIONAL
90 mm (4 in) hydro-grasser shoe		+
100 mm (39 in) hydro-grasser shoe		+
100 mm (39 in) hydro-grasser shoe		+
No-tower jacking lift base frame	+	
800 kg (1.750 lb) counterweight		+
800 kg (1.750 lb) counterweight	+	+
EXTERIOR LIGHTS	STANDARD	OPTIONAL
Two LED CO maintenance-free batteries	+	
Progressive slow-apply LED working lights	+	
LED clearance light, left hand beam light	+	
LED light, right hand beam light		+
EXTERIOR MOUNTING	STANDARD	OPTIONAL
Substituted 90 Sampling D-D SM pins	+	
Ground level and platform-level engine oil dipsticks	+	
Electric refueling pump with auto shut-off		+
SAFETY AND QUALITY	STANDARD	OPTIONAL
Rescue Ladders	+	
Right hand side-rear Ladders	+	+
Ground level engine shut-off switch	+	
Right hand control and hand rail	+	
Typical working hour	+	

¹All engines except Perkins, New Holland and Case.

²Standard in Australia, New Zealand and China. Optional in other regions.

³Australia, New Zealand and Italy only.

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

For additional information and additional regional offerings, refer to the Technical Specifications brochures available at www.cat.com/gear/CatDealer

For more complete information on Cat products, specifications and industry solutions, visit us on the web at www.cat.com

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