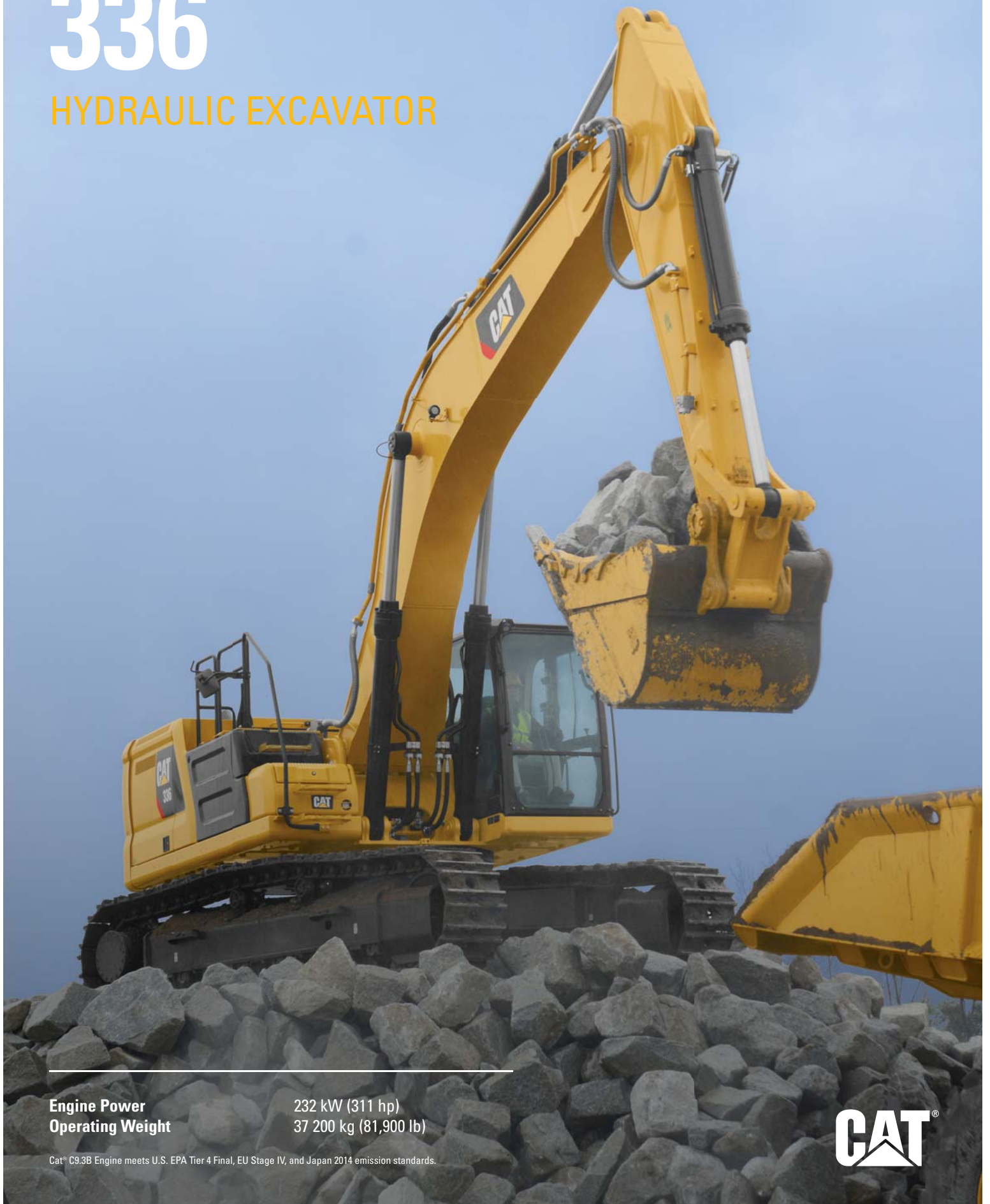


336

HYDRAULIC EXCAVATOR



Engine Power
Operating Weight

232 kW (311 hp)
37 200 kg (81,900 lb)

Cat® C9.3B Engine meets U.S. EPA Tier 4 Final, EU Stage IV, and Japan 2014 emission standards.



NEXT GENERATION EXCAVATORS

The new line of Cat® Excavators was designed with a new approach to equipment families that gives you:

- + MORE MODEL OPTIONS
- + MORE STANDARD TECHNOLOGIES
- + MORE PRICE POINTS

Ready to help you make your business stronger, Cat Excavators give you new ways to get the most work done at the lowest cost – so you put more money in your pocket.



THE NEW CAT® 336

MOVING THE STANDARD HIGHER

THE CAT 336 raises the bar for efficiency and fuel economy in this size class. With the industry's highest level of standard factory technology, a new cab focused on operator comfort and productivity, plus lower fuel and maintenance costs, the 336 will set a new pace for productivity and profit in your operation.



INCREASE OPERATING EFFICIENCY UP TO 45%¹

The Cat 336 offers the industry's highest level of standard factory-equipped technology, including Cat GRADE with 2D, GRADE with Assist, and PAYLOAD.

INCREASE FUEL EFFICIENCY UP TO 15%²

A precise combination of lower engine speed and large hydraulic pump pressure and flow delivers more work per unit of fuel.

LOWER MAINTENANCE COSTS UP TO 15%³

Extended maintenance intervals increase uptime and reduce costs.

LOAD UP WITH **15% MORE FUEL EFFICIENCY**

THAT'S 12 MORE TRUCKLOADS WITH THE NEW 336 NEXT GENERATION EXCAVATOR.



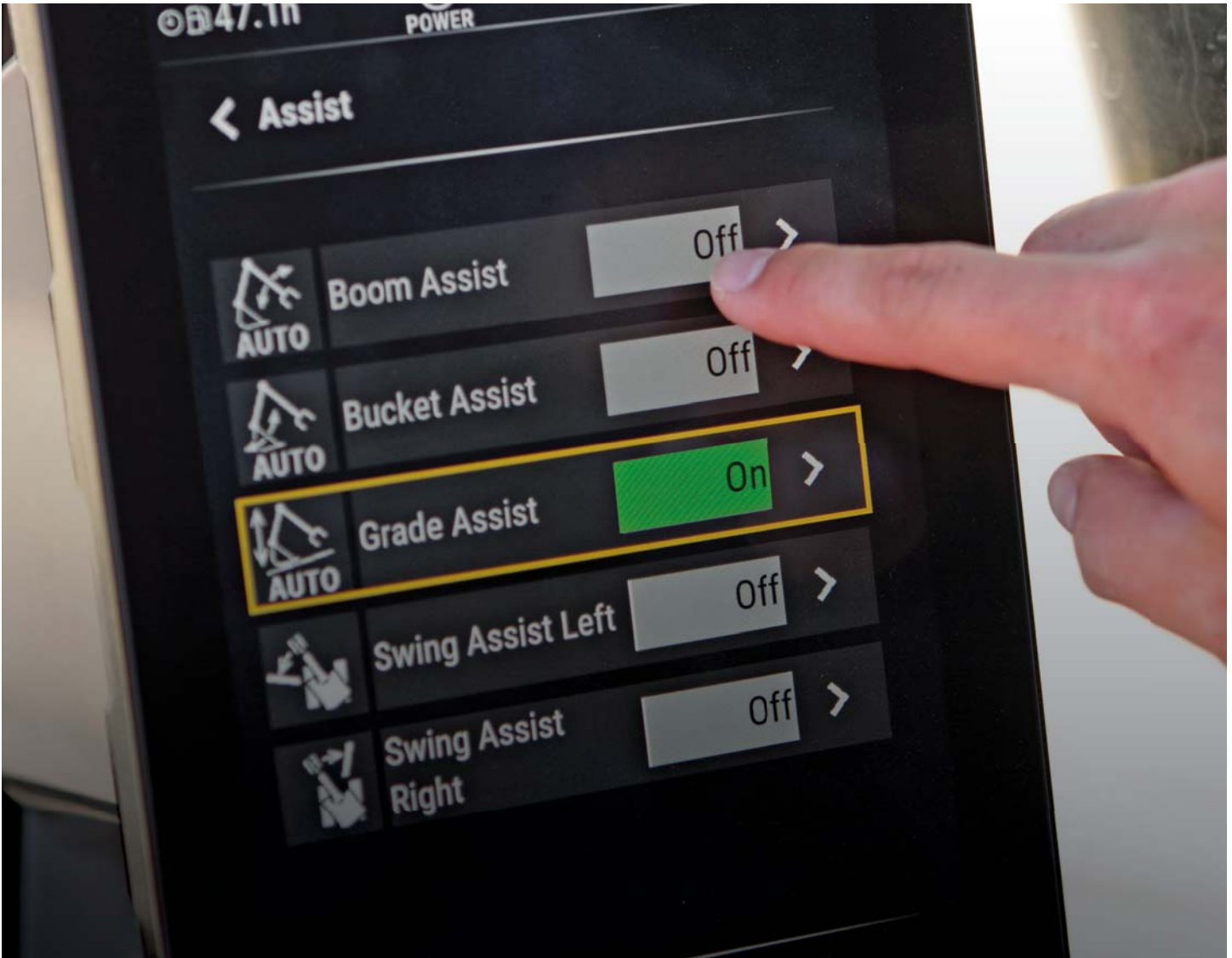
SCENARIO:

Cat® Excavators loading Cat 730 trucks using **219 L (58 gal)** of fuel each day.

¹ Operator efficiency gains compared to traditional grading methods.

² Compared to the 336F.

³ Compared to the 336F. Cost reduction based on 12,000 hours of operation.



STANDARD CAT CONNECT TECHNOLOGY

GETS JOBS DONE FASTER
WITH LESS REWORK

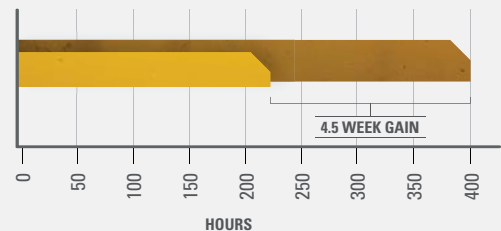
Cat Connect Technology gives you the edge. Operators of all experience levels will dig, load, and grade with more confidence, speed, and accuracy. The result?

Better productivity and lower costs.



WHAT WOULD YOU DO WITH 4.5 MORE WEEKS?

45% GAIN WITH TECHNOLOGY
means same amount of work done faster



PREVIOUS YEAR:

- USING TRADITIONAL GRADING METHODS

400 hours/year, grading with stakes and checkers

CURRENT YEAR:

- USING NEW CAT 336 WITH CAT CONNECT TECHNOLOGY

220 hours/year, with standard Cat GRADE



INCREASE EFFICIENCY UP TO 45% WITH CAT CONNECT TECHNOLOGY

STANDARD, SIMPLE-TO-USE TECHNOLOGIES INCLUDE:



STANDARD CAT GRADE WITH 2D

Cat GRADE with 2D helps operators reach grade faster. Operators cut and fill to exact specifications without overcutting. No grade checkers are needed so the work area is safer.



STANDARD CAT GRADE WITH ASSIST

Automated boom, stick, and bucket movements deliver more accurate cuts with less effort. The operator simply sets the depth and slope in the monitor and activates single-lever digging.



STANDARD CAT PAYLOAD

Cat PAYLOAD technology delivers precise load targets with on-the-go weighing, which helps prevent over/under-loading and maximizes efficiency. Automated tracking helps manage production and lower cost.

AVAILABLE OPTIONAL UPGRADES

Cat GRADE with Advanced 2D and Cat GRADE with 3D increase productivity and expand grading capabilities. GRADE with Advanced 2D adds in-field design capabilities through an additional 254 mm (10 inch) high-resolution touchscreen monitor. GRADE with 3D adds GPS and GLONASS positioning for pinpoint accuracy.

NEW CAB TAKES THE HARD OUT OF WORK

Sites where excavators typically work are rugged and challenging. That's why it's important that the 336 cab protects the operator as much as possible from the fatigue, stresses, sounds, and temperatures of the job.

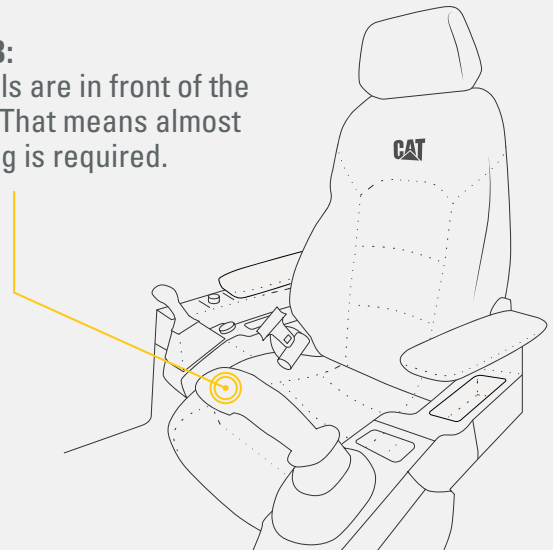


WE'VE GOT YOUR BACK.

BACK PAIN IS ONE OF THE MOST COMMON REASONS PEOPLE MISS WORK.*

NEW CAB:

All controls are in front of the operator. That means almost no twisting is required.



OLD CAB: 2,000+ twists a year to reach controls in back of cab that can strain your back.

ASSUME 1 TWIST PER HOUR
1 TWIST × 8-HOUR WORKDAY = 8 TWISTS PER DAY
8 TWISTS × 5 WORKDAYS PER WEEK = 40 TWISTS PER WEEK
40 TWISTS × 52 WEEKS PER YEAR = **2,080 TWISTS PER YEAR**

*SOURCE: [HTTPS://WWW.NINDS.NIH.GOV/DISORDERS/PATIENT-CAREGIVER-EDUCATION/FACT-SHEETS/LOW-BACK-PAIN-FACT-SHEET](https://www.ninds.nih.gov/disorders/patient-caregiver-education/fact-sheets/low-back-pain-fact-sheet)

NEW SEAT AND JOYSTICK CONSOLE REDUCE FATIGUE

Comfort and efficiency of movement keep operators productive and alert all shift long. The new standard seat is wide and adjustable for operators of virtually any size. The Deluxe cab package includes a heated air suspension seat; the Premium seat is both heated and cooled.



TOUCHSCREEN MONITOR

Most machine settings can be controlled through the high-resolution 254 mm/10 inch touchscreen monitor. It offers 42 languages and is easy to reach from the seat – no twisting or turning.

NEW SMART MODE

The new Smart Mode (one of three power mode settings) automatically adjusts engine and hydraulic power for the highest fuel efficiency – less power for tasks such as swinging and more power for digging.

CUSTOMIZABLE JOYSTICKS

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

KEYLESS PUSH START

The 336 uses a keyless push-button engine start. This adds security for the machine by using Operator ID codes to limit and track machine access. Codes can be entered manually, via an optional Bluetooth® key fob, or smartphone app.



BUILDS OPERATOR CONFIDENCE

A QUIET, SAFE WORKSPACE

ISO-CERTIFIED ROPS CAB

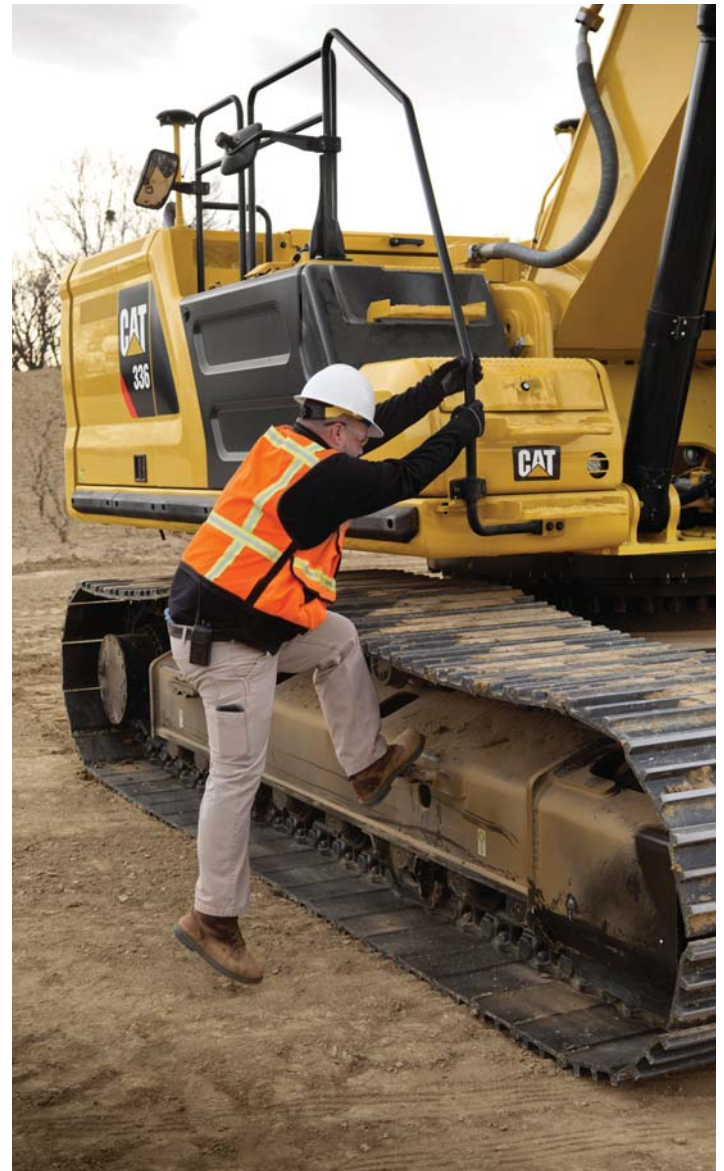
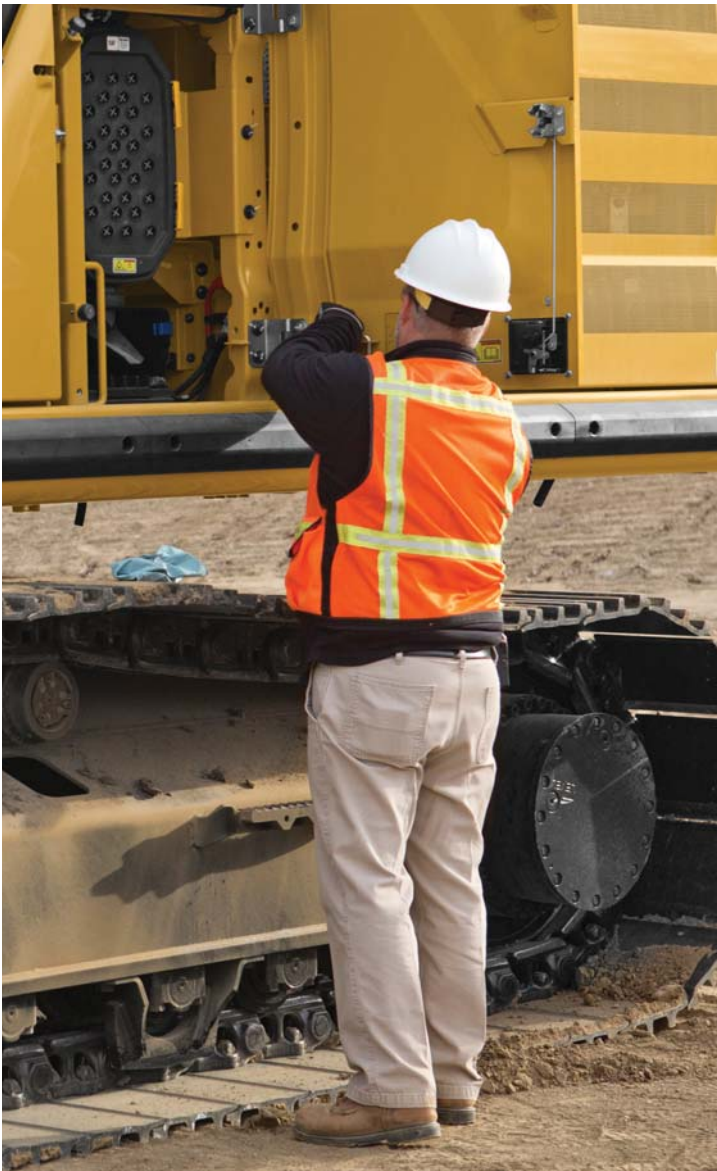
The ISO-certified ROPS cab is sound-suppressed and sealed. The windows and lower front profile of the machine give outstanding visibility to the work area without the strain of constantly leaning forward.

ALL-AROUND VISIBILITY

A standard rearview camera keeps operators aware of their surroundings at all times. An optional 360° visibility feature is also available.

EASY ACCESS, CONNECTIVITY AND STORAGE

Convenience features include Bluetooth integrated radio, USB ports for charging and phone connectivity, 12V DC outlets and AUX port, storage in rear, overhead and console compartments, and cup and bottle holders.



SAFETY FEATURES

LOOK OUT FOR YOUR PEOPLE
AND YOUR EQUIPMENT

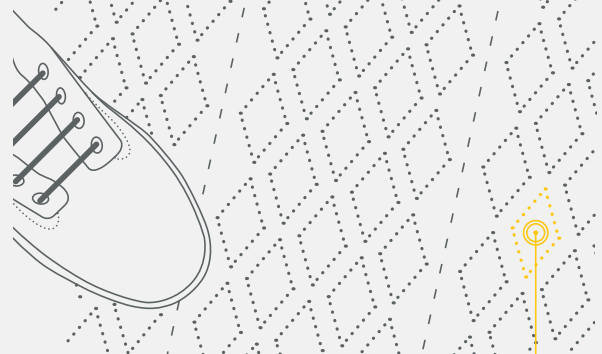
Routine maintenance checks can be performed faster, easier, and safer with ground-level access to the air precleaner, the fuel water separator, fuel tank water and sediment drains, and cooling system coolant level check.

KEEP YOUR EXCAVATOR SECURE

Use your PIN code on the monitor, the optional Bluetooth key fob, or your smartphone to enable the push-button starting feature.

1,148 WAYS TO STAY SAFE.

FACT: **SLIPPING** IS ONE OF THE **BIGGEST CONTRIBUTORS** TO WORKPLACE INJURIES.*



OUR ANTI-SKID PLATES FEATURE

1,000+ INDIVIDUAL PERFORATIONS FOR BETTER TRACTION

*SOURCE: [HTTPS://WWW.OSHA.GOV/DTE/GRANT_MATERIALS/FY07/SH-16625-07/SLIPSTRIPSFALLS.PPT](https://www.osha.gov/dte/grant_materials/fy07/sh-16625-07/slipstripsfalls.ppt)



PROTECTION IN ALL DIRECTIONS



E-WALL SWING



E-WALL FORWARD



E-WALL CAB PROTECTION



E-WALL CEILING



E-WALL FLOOR

STANDARD 2D E-FENCE TECHNOLOGY

The standard 2D E-fence feature automatically stops excavator motion using boundaries you set in the monitor for the entire working envelope – above, below, sides and front. E-fence features protect equipment from damage and reduce fines related to zoning or underground utility damage. Automatic boundaries even help prevent operator fatigue by reducing over-swinging and over-digging.

TECHNICAL SPECIFICATIONS

See *cat.com* for complete specifications.

ENGINE		
Engine Model	C9.3B	
Net Power – ISO 9249/SAE J1349	232 kW	311 hp
Gross Power – ISO 14396/SAE J1995	234 kW	314 hp
Engine RPM		
Operation	1,550 rpm	
Travel	1,800 rpm	
Bore	115 mm	5 in
Stroke	149 mm	6 in
Displacement	9.3 L	568 in ³
HYDRAULIC SYSTEM		
Main System – Maximum Flow – Implement	558 L/min (279 × 2 pumps) 147 gal/min (74 × 2 pumps)	
Maximum Pressure – Equipment – Implement	35 000 kPa	5,076 psi
Maximum Pressure – Equipment – Lift Mode	38 000 kPa	5,511 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	29 400 kPa	4,264 psi
SWING MECHANISM		
Swing Speed	8.75 rpm	
Maximum Swing Torque	144 kN·m	106,228 lbf-ft
WEIGHTS		
Operating Weight	37 200 kg	81,900 lb
Reach boom, R3.9DB (12'10") stick, GD 2.27 m ³ (2.97 yd ³) bucket, 850 mm (33") triple grouser shoes, 6.8 mt (14,991 lb) counterweight.		
SERVICE REFILL CAPACITIES		
Fuel Tank Capacity	600 L	158.5 gal
Cooling System	40 L	10.5 gal
Engine Oil (with filter)	32 L	8.5 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	153 L	40.4 gal
DEF Tank	80 L	21.1 gal

DIMENSIONS		
Boom	Reach Boom 6.5 m (21'4")	
Stick	Reach Stick 3.9 m (12'10")	
Bucket	GDC 2.27 m³ (2.97 yd³)	
Shipping Height (top of cab)	3170 mm	10.4 ft
Handrail Height	3160 mm	10.4 ft
Shipping Length	11 200 mm	36.7 ft
Tail Swing Radius	3530 mm	11.6 ft
Counterweight Clearance	1250 mm	4.1 ft
Ground Clearance	510 mm	1.7 ft
Track Length to Center of Rollers	4040 mm	13.3 ft
Track Gauge – Long Undercarriage	2590 mm	8.5 ft
Transport Width – 850 mm (33") Shoes	3440 mm	11.3 ft
WORKING RANGES AND FORCES		
Boom	Reach Boom 6.5 m (21'4")	
Stick	Reach Stick 3.9 m (12'10")	
Bucket	GDC 2.27 m³ (2.97 yd³)	
Maximum Digging Depth	8200 mm	26.9 ft
Maximum Reach at Ground Level	11 730 mm	38.5 ft
Maximum Cutting Height	10 740 mm	35.2 ft
Maximum Loading Height	7490 mm	24.6 ft
Minimum Loading Height	1900 mm	6.2 ft
Maximum Depth Cut for 2440 mm (8') Level Bottom	8060 mm	26.4 ft
Maximum Vertical Wall Digging Depth	6360 mm	20.9 ft
Bucket Digging Force (SAE)	186 kN	41,900 lbf
Bucket Digging Force (ISO)	210 kN	47,160 lbf
Stick Digging Force (SAE)	141 kN	31,630 lbf
Stick Digging Force (ISO)	144 kN	32,440 lbf

STANDARD & OPTIONAL EQUIPMENT

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

CAB	STANDARD	OPTIONAL
ROPS, sound suppression	•	
High-resolution 254 mm (10") LCD touchscreen monitor	•	
Heated seat with air-adjustable suspension (<i>Deluxe only</i>)	•	
Heated and cooled seat with automatic adjustable suspension (<i>Premium only</i>)	•	
ENGINE	STANDARD	OPTIONAL
Cold start block heaters		•
Three selectable modes: Power, Smart, Eco	•	
One-touch low idle with automatic engine speed control	•	
52° C (126° F) high-ambient cooling capacity	•	
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	•	
HYDRAULIC SYSTEM	STANDARD	OPTIONAL
SmartBoom™		•
Boom and stick regeneration circuit	•	
Electronic main control valve	•	
Heavy lift mode		•
Automatic hydraulic oil warm up	•	
Bio hydraulic oil capability	•	
Combined two-way auxiliary circuit		•
Medium-pressure auxiliary circuit		•
Quick coupler circuit for Cat Pin Grabber and CW Dedicated		•
UNDERCARRIAGE AND STRUCTURES	STANDARD	OPTIONAL
Long undercarriage		•
Long Narrow undercarriage		•
Towing eye on base frame	•	
6.8 mt (14,991 lb) counterweight		•
7.56 mt (16,667 lb) counterweight		•
600 mm (24") triple grouser track shoes		•
600 mm (24") triple grouser heavy duty track shoes		•
600 mm (24") double grouser track shoes		•
700 mm (28") triple grouser track shoes		•
850 mm (33") triple grouser track shoes		•

BOOMS AND STICKS	STANDARD	OPTIONAL
6.18 m (20'3") Mass boom		•
6.5 m (21'4") Reach boom		•
6.5 m (21'4") Heavy Duty Reach boom		•
2.55 m (8'4") stick		•
2.8 m (9'2") stick		•
3.2 m (10'6") stick		•
3.2 m (10'6") HD stick		•
3.9 m (12'10") stick		•
3.9 m (12'10") HD stick		•
ELECTRICAL SYSTEM	STANDARD	OPTIONAL
Maintenance-free 1,000 CCA batteries (x2)	•	
Centralized electrical disconnect switch	•	
LED chassis light, LH and RH boom lights, cab lights	•	
CAT CONNECT TECHNOLOGY	STANDARD	OPTIONAL
Cat Product Link	•	
Cat GRADE with 2D	•	
Cat GRADE with Advanced 2D		•
Cat GRADE with 3D		•
Cat GRADE with Assist	•	
Cat PAYLOAD	•	
Cat E-Fence	•	
SERVICE AND MAINTENANCE	STANDARD	OPTIONAL
Grouped location of engine oil and fuel filters	•	
Scheduled Oil Sampling (S-O-S SM) ports	•	
Preventative maintenance ready (QuickEvac™)		•
Electric refueling pump		•
SAFETY AND SECURITY	STANDARD	OPTIONAL
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	•	
Signaling/warning horn	•	
Ground-level secondary engine shutoff switch	•	
Rear and side-view cameras	•	
Boom lowering check valve		•
Stick lowering check valve		•
360° visibility		•

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

For additional information, refer to the Technical Specifications brochures for the 336 GC and 336 models available at www.cat.com or your Cat dealer.

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

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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www.cat.com www.caterpillar.com

AEXQ2358-01
Replaces AEXQ2358
Build Number: 07A

