

335

HYDRAULIC EXCAVATOR



Net Power – ISO 9249
Operating Weight
Maximum Digging Depth

203.7 kW (273 hp)
34 900 kg (77,000 lb)
6990 mm (22.9 ft)

CAT[®]

335

HYDRAULIC EXCAVATOR

The Cat® 335 Excavator brings high performance with simple-to-use technologies to boost operator efficiencies up to 45%. Combine these features with a compact radius design, an ergonomic cab, longer maintenance intervals, and a power system that is more efficient, and you have a low cost-per-unit of production excavator.



UP TO 20% INCREASED FUEL EFFICIENCY

Smart mode, hydraulic demand fan, pump and electro-hydraulic main control valve enable optimized fuel consumption for increased engine efficiency.

UP TO 45% INCREASED PERFORMANCE

With standard technology offering, including Cat Grade with 2D, Grade with Assist, Lift Assist and Payload.

UP TO 20% LOWER MAINTENANCE COSTS

With extended and more synchronized maintenance intervals, you get more done at a lower cost compared to the previous model.

LATEST FEATURES



- Cab Monitor Improvements
 1. Continuously improved user interface allows for intuitive navigation, minimizing performance interruption with the easy-to-use touchscreen menu.
 2. Identify apps quickly with a grid list view, abbreviated app names, and categorized menu options.
 3. A notification center keeps important information visible to the operator, and displays messages without shrinking the camera view.
 4. Color coded notifications set critical messages apart from the rest.
 5. Use the in-monitor QR code to learn about machine and technology features through a full suite of “how-to” videos.
- Operator Coaching – Empower Operators. Exceed Targets.
 1. Operator Coaching is an in-cab system that recognizes specific opportunities for operators to be more productive and prevent unnecessary machine wear and tear.
 2. After detecting inefficient or restricted actions, the system alerts the operator and provides insight into the inefficiency and steps to improve.
 3. Paired with a VisionLink® Productivity subscription, this information and other Operator Coaching insights can be viewed from anywhere.

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area. Build Number: 07D



PERFORMANCE AND PRODUCTIVITY

- Larger stick and bucket cylinders and higher hydraulic power can help to increase productivity up to 20%. This is about 20% increased fuel efficiency versus the 335F.
- 20% increased hydraulic power for greater production.
- 15% increase in bucket and stick force thanks to larger diameter cylinders.
- Compact radius helps you work in tight spaces.
- 5% improved swing torque makes working on slopes easier.
- Increase operating efficiency up to 45% with standard Cat technologies that lower operator fatigue and operating costs, including fuel consumption and daily maintenance.
- The C7.1 engine meets the latest emission standards. After-treatment system requires no maintenance or downtime.
- The advanced hydraulic system provides the optimum balance of power and efficiency while giving you the control you need for precise digging requirements.
- Match the excavator to the job with power modes; let Smart mode automatically match engine and hydraulic power to digging conditions. Smart mode can save you an average of 10% in fuel consumption with no impact on productivity.
- 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.
- Auxiliary hydraulic options give you the versatility to use a wide range of Cat attachments.
- Optional SmartBoom™ lets the boom freely travel up and down without using any pump flow so operators can focus on stick and bucket work, reducing operator stress and fuel consumption.
- Two blade widths are now available: 3660 mm (11'10") wide to cover up to 850 mm (33") shoes or 3440 mm (11'3") wide to cover 600 mm (24") and 700 mm (28") shoes.
- Don't let the temperature stop you from working. The excavator has a standard high-ambient temperature capability of 52° C (125.6° F) without de-rate and cold start capability of 18° C (0° F). An optional -32° C (-25° F) cold start package is available.



TECHNOLOGY THAT GETS WORK DONE

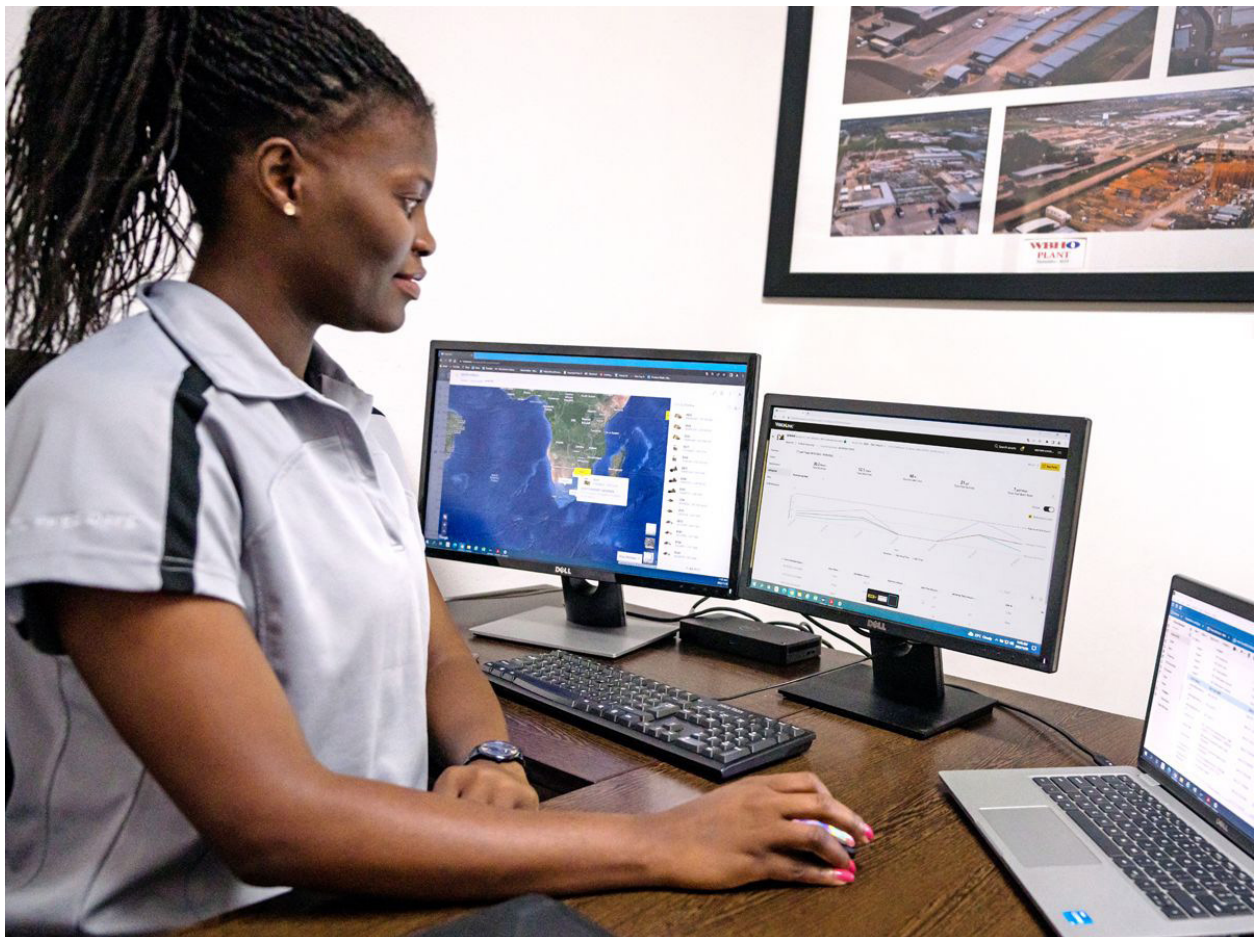


- Boost productivity up to 45% versus traditional grading with standard Cat Grade with 2D system – includes indicate-only and laser capability.
- Dig with guidance to depth, slope, and horizontal distance to grade. You can set up to four different depth and slope targets to help save time and money.
- Cat Payload helps you achieve precise load targets to improve your operating efficiency. Pick up a load of material – with a bucket and thumb combination or grapple and clamshell attachments – and get a real-time weight estimate without swinging.
- Combine Payload with VisionLink and remotely manage your production targets.
- Want a 3D system to improve your digging results? Caterpillar single antenna global navigation satellite system (GNSS) makes it easy by giving you visual and auditory guidance to grade. Plus, you can create and edit designs on the touchscreen monitor while you're on the job. If your application calls for a dual antenna system, it's easy to upgrade.
- Upgrade to our dual antenna GNSS for maximum grading efficiency. The system lets you create and edit designs on the touchscreen monitor while you're on the job, or you can have the plan design sent to the excavator to make your work easier. Plus, you get added benefits of avoidance zones, cut and fill mapping, lane guidance, and augmented reality along with advanced positioning capability.
- Already invested in another brand's 3D system? No problem. Standard Cat technology like Grade with 2D can readily integrate with that system to give you the precise results you need.
- Standard Grade Assist helps you stay on grade – simply and effortlessly – with single-lever digging.
- All Cat Grade systems are compatible with radios and base stations from Trimble, Topcon, and Leica. Already invested in a grade infrastructure? You can install grade systems from Trimble, Topcon, and Leica onto the machine.
- Operator Coaching is an in-cab system that recognizes specific opportunities for operators to be more productive and prevent unnecessary machine wear and tear.

TAKE THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

- VisionLink provides actionable data insights for all assets – regardless of fleet size or equipment manufacturer.* Review equipment data from your desktop or mobile device to maximize uptime and optimize assets. Dashboards provide information such as hours, miles, location, idle time, and fuel utilization. Make informed decisions that lower costs, simplify maintenance, and improve safety and security on your jobsite.
- VisionLink Productivity gathers and summarizes machine telematics and jobsite data from all your equipment – regardless of the manufacture* View actionable information such as idle time, fuel burn, location, payload, load counts, total cycles, and more to improve machine efficiency, productivity, and utilization. Access data anywhere via a mobile, tablet, or desktop device – on or off the jobsite.
- Cat® Inspect is a mobile application that allows you to easily perform digital preventative maintenance (PM) checks, inspections, and daily walkarounds. Inspections can easily be integrated with other Cat data systems like VisionLink so you can keep a close eye on your fleet.
- Remote Troubleshoot is a mobile application that allows your Cat dealer to perform diagnostic testing on your connected machine remotely to help ensure that issues are resolved quickly and with less downtime.
- Remote Flash is a mobile application that allows you to update onboard software without a technician being present, allowing you to initiate software updates when convenient, increasing your overall operating efficiency.
- The Cat PL161 attachment locator allows you to track attachments across all worksites, reduce the number of lost attachments, and plan for attachment maintenance and replacement. The work tool recognition feature automatically adjusts machine settings based on the selected tool.

****Data field availability can vary by equipment manufacturer.***



WORK IN COMFORT



- Choose from Deluxe or Premium cabs – both with automatic climate control.
- The Deluxe seat is heated and air adjustable. The Premium seat is heated and cooled and adjusts automatically.
- Tip-up console on the Deluxe and Premium cab improves ingress/egress by approximately 45%.
- Control the excavator comfortably with easy-to-reach controls all located in front of you.
- Stow your gear with plenty of in-cab storage beneath and behind the seat and in the consoles. A cup holder, document holder, bottle holder, and coat hook are also provided.
- Use the standard radio's USB ports and Bluetooth® technology to connect personal devices and make hands-free calls.

SIMPLE TO OPERATE

- Start the engine with a push button using a Bluetooth key fob (optional), or the unique Operator ID function.
- Program your power mode and joystick preferences using Operator ID; the excavator will remember what you set each time you go to work.
- Need more lift during your shift? Turn on Auto Heavy Lift and get 8% more power exactly when you need it for as long as you need it.
- Make moving the excavator much easier with Cat Stick Steer. Simply push a button and use one hand to travel and turn instead of both hands or feet on levers or pedals.
- Make operating easier with the touch of a joystick button. Additional auxiliary relays allow you to power on or turn off a CB radio, beacon light, and even a dust suppression watering system without taking your hands off the joysticks.
- Tiltrotator attachments – ours or other brands – work seamlessly with Cat 2D Grade, Assist, Payload, and E-Fence. With no additional hardware required, all you have to do is simply select “Third Party Tiltrotator System Installation” in the monitor, do the calibration, and get to work.
- Navigate quickly on the standard high-resolution 254 mm (10 in) touchscreen monitor or with the aid of the jog dial control.
- Protect your hammer tool from overheating and rapid wear. Auto hammer stop warns you after 15 seconds of continuous firing and then automatically shuts it off after 30 seconds – all to extend the tool’s service life.
- Find the tool you need – even if it’s hidden beneath overgrowth or debris. The excavator’s onboard Bluetooth reader can locate any work tool equipped with Cat asset tracking devices up to a range of 60 m (200 ft) (optional).
- 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.



LOWER MAINTENANCE COSTS

- Expect up to 20% less maintenance costs than the 335F (savings calculated over 12,000 machine hours).
- Boost productivity with proactive service reminders. The Integrated vehicle health management system alerts the operator with step-by-step service guidance along with parts needed so you don't experience any unnecessary downtime.
- Check engine oil level quickly and safely with the ground-level engine oil dipstick; fill and check engine oil on top of the machine with a conveniently located second dipstick.
- Track your excavator's filter life and maintenance intervals via the in-cab monitor.
- No required maintenance on the Cat Clean Emissions Module.
- Using Cat genuine oil and filters and doing your typical Scheduled Oil Sampling (S-O-SSM) monitoring will double the current service interval to 1,000 hours, giving you greater uptime to do more work.
- Expect the latest air intake filter with precleaner to last up to 1,000 hours – a 100% increase over the previous filter.
- The latest 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% longer than previous filter designs.
- High-efficiency cooling fans run only when needed; you can program intervals, so they automatically reverse to keep cores clean without interrupting your work.
- S-O-S ports are on ground level, simplifying maintenance and allowing for quick, easy extraction of fluid samples for analysis.



BUILT-IN SAFETY FEATURES



- Lift Assist helps you avoid tipping. With visual and auditory alerts, you'll know if your load is within the excavator's safe working range limits.
- Access all service points from ground level – no need for you to climb on top of the excavator.
- The standard Rollover Protective Structure (ROPS) cab meets ISO 12117-2:2008 requirements.
- Cat Detect – People Detection helps protect the most valuable asset on any jobsite – people. The system uses smart cameras with depth sensors to provide the operator with visual and auditory alerts so he or she can take immediate action when a person is too close to the excavator.
- Enjoy great visibility into the trench, in each swing direction, and behind you with the help of smaller cab pillars, larger windows, and a flat engine hood design.
- Enhance jobsite safety by adding Cat Command to your fleet. The remote control system comes with everything you need like WIFI radio, cameras, and microphone so you can work outside of the cab and avoid potential hazards.
- The standard hydraulic lockout lever isolates all hydraulic and travel functions in the lowered position.
- Ground-level shut-off switch stops all fuel to the engine when activated and shuts down the machine.
- 2D E-Fence prevents the excavator from moving outside of operator-defined set points; the system works with thumb and bucket combinations along with hammer, grapple, and clamshell attachments.
- A rearview camera and a right-side-view camera are standard. Upgrade to 360° visibility and you'll easily visualize objects and personnel around the excavator in a single view.
- The service platform design in the front of the machine provides easy, safe, and quick access to upper service platform; the service platform steps use anti-skid punch plate to prevent slipping.
- Brightly colored seatbelts allow easy recognition of properly utilized safety restraints.
- Optional boom and stick lowering check valves prevent reverse flow, keeping your front linkage securely in place should the hydraulic system unexpectedly lose power.
- Enhance jobsite safety. Add a swing alarm to alert people when you're rotating from trench to stockpile and back again.



- The Cat® C7.1 engine meets U.S. EPA Tier 4 Final and EU Stage V 2014 emission standards.
- The 335 emits up to 5% less CO₂ than the previous 335F.*
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels*** up to: 20% biodiesel FAME (fatty acid methyl ester)** or 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels. Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.
- Cat Grade technologies combine advanced guidance with optional automated machine control helping you reach grading targets while reducing fuel burn and greenhouse gas emissions by improving efficiency, jobsite productivity, and accuracy.
- Auto Engine Speed Control reduces unnecessary fuel burn and greenhouse gas emissions by allowing the engine to automatically go into idle mode when the machine is not working.
- Cat® Payload for excavators provides on-the-go material weighing which helps reduce fuel burn by improving loading efficiency, jobsite productivity, and eliminating trips to the scale.
- Cat® 2D E-fence keeps the front linkage within a predefined work area to avoid hazards such as traffic – not only helping keep personnel safe but also helps you avoid repairs, downtime, and costly jobsite fines.
- Extended maintenance intervals not only reduce downtime but decrease the amount of fluid and filters that are replaced over the life of the machine.
- VisionLink displays the CO₂ emissions for monitored assets, calculated by fuel type for the Runtime Fuel Burned each day in a selected date range.
- Remote Flash minimizes downtime and maintenance time while keeping your asset running with maximum efficiency. Alerts for machine updates are sent virtually from your Cat dealer and updates can be deployed without a dealer technician needing to be onsite.
- Remote Troubleshoot decreases maintenance time and keeps your machine running with maximum efficiency by allowing your Cat dealer to virtually test the machine while working. Once a problem is identified, a technician can fix it the first time, saving time and money.

***All comparisons to 335F. Productivity, fuel and CO₂ emissions vary by application. CO₂ emissions calculations based on a reference work cycle using 2.2 U.S. gallons per hour of #2 U.S. diesel fuel based. Applies IPCC2006 methodology using U.S. EPA Emissions Hub emission factors. Includes DEF (diesel exhaust fluid) related CO₂. Fuel measurements are at 15° C. Estimated average fuel consumption improvements are based on tests or Product Link™ data where available. Productivity improvements are based on test data.**

****Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).**

*****Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.**

MORE THAN MACHINES

BUILT AROUND YOUR SUCCESS

When you buy Cat equipment, you get so much more than the machine. You also get the support of a best-in-class dealer network, backed by a range of flexible solutions, technology, tools, and more.



CUSTOMER VALUE AGREEMENTS

A Customer Value Agreement (CVA) from your Cat dealer helps you do more and worry less. A CVA simplifies machine ownership and maintenance, adds the security of expert dealer support, and gives you the peace of mind from effective equipment health management.

GENUINE CAT PARTS

Genuine Cat parts deliver the highest level of reliability and productivity. Order direct from your Cat dealer or shop online at parts.cat.com.

REPAIR OPTIONS

A broad range of repair options gives you choices that work with your needs, budget, and timeline. Every repair is performed by expert Cat technicians. You'll receive smart repair advice, a timely, accurate quote, and service that gets your machine back into action quickly.

FINANCIAL SERVICES

Count on Cat Financial to provide the best finance and extended protection solutions for your business. For more than 30 years, we have helped our customers succeed through financial service excellence.



DOZERS



SKID STEERS



MATERIAL HANDLERS



EXCAVATORS



WHEEL LOADERS



TRACK LOADERS

INCREASE YOUR PRODUCTIVITY AND PROFIT WITH CAT ATTACHMENTS

You can easily expand the performance of your machine by utilizing any of the variety of Cat attachments. Each Cat attachment is designed to fit the weight and horsepower of Cat excavators for improved performance, safety, and stability.

BUCKETS



QUICK COUPLERS



ATTACHMENT TRACKING MADE EASY

The Cat PL161 Attachment Locator is a Bluetooth device that makes finding your attachments and other gear quick and easy. The excavator's onboard Bluetooth reader or the Cat app on your phone will locate the device automatically.

Save more time and energy with the available work tool recognition feature. A simple shake of the attached tool confirms its identity; it also ensures all the attachment settings are correct, so you can get to work quickly and efficiently.

GRAPPLES



TILTROTATOR



DO HARD-TO-REACH WORK

With 360° rotation and 40° side-to-side tilting action, a Cat tiltrotator will help you get complex work done faster. A new system upgrade from the factory allows the tool to work with Cat 2D Grade, Assist, Payload, and E-Fence. It includes factory-fit joysticks, but uses the standard cab monitor to display the tool and engage its SecureLock™ so you don't need to spend money on an extra monitor. It also works seamlessly with other brands with no additional hardware required. All you have to do is simply select "Third Party Tiltrotator System Installation" in the monitor, do the calibration, and get to work.

SHEARS



HYDRAULIC HAMMERS



PREVENT HAMMER WEAR AND TEAR

Protect your hammer tool from overheating and rapid wear. Auto hammer stop warns you after 15 seconds of continuous firing and then automatically shuts it off after 30 seconds – all to extend the tool's service life.

TECHNICAL SPECIFICATIONS

Engine

Net Power – ISO 9249	203.7 kW	273 hp
Net Power – ISO 9249 (DIN)	277 hp (metric)	
Engine Model	C7.1	
Engine Power – ISO 14396	205 kW	275 hp
Engine Power – ISO 14396 (DIN)	279 hp (metric)	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in ³
Biodiesel Capability	Up to B20 ¹	
Emissions	Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.	

Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system, and alternator with engine speed at 2,200 rpm. Advertised power is tested per the specified standard in effect at the time of manufacture.

¹Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to: 20% biodiesel FAME (fatty acid methyl ester)* or 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels. Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.

*Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

**Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

Hydraulic System

Main System – Maximum Flow	560 L/min (148 gal/min)	
Maximum Pressure – Equipment	35 000 kPa	5,075 psi
Maximum Pressure – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	28 800 kPa	4,175 psi

Swing Mechanism

Swing Speed	10.8 r/min	
Maximum Swing Torque	107.7 kN·m	79,455 ft·lbf

Weights

Operating Weight	34 900 kg	77,000 lb
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Long undercarriage Reach boom, R3.2 (10'6") stick, Heavy Duty (HD) 1.54 m³ (2.01 yd³) bucket, 600 mm (24") triple grouser shoes, 5000 kg (11,202 lb) counterweight and 3440 mm (11'3") blade.

Service Refill Capacities

Fuel Tank Capacity	368 L	97.2 gal
Cooling System	13 L	3.3 gal
Engine Oil	25 L	6.6 gal
Swing Drive – Each	11 L	2.9 gal
Final Drive – Each	7 L	1.8 gal
Hydraulic System – Including Tank	350 L	92.5 gal
Hydraulic Tank	154 L	40.7 gal
DEF Tank	26 L	7 gal

Dimensions

Boom	Reach 6.15 m (20'2")	
Stick	Reach 3.2 m (10'6")	
Bucket	HD 1.54 m ³ (2.01 yd ³)	
Shipping Height – Top of Cab	3270 mm	10.7 ft
Handrail Height	3430 mm	11.2 ft
Shipping Length	9830 mm	32.2 ft
Tail Swing Radius	1900 mm	6.2 ft
Counterweight Clearance	1170 mm	3.8 ft
Ground Clearance	480 mm	1.6 ft
Track Length	5030 mm	16.5 ft
Length to Center of Rollers	4040 mm	13.3 ft
Track Gauge	2740 mm	9 ft
Transport Width	3340 mm	11 ft

Working Ranges & Forces

Boom	Reach 6.15 m (20'2")	
Stick	Reach 3.2 m (10'6")	
Bucket	HD 1.54 m ³ (2.01 yd ³)	
Maximum Digging Depth	6990 mm	22.9 ft
Maximum Reach at Ground Level	10 640 mm	34.9 ft
Maximum Cutting Height	11 150 mm	36.6 ft
Maximum Loading Height	7960 mm	26.1 ft
Minimum Loading Height	2910 mm	9.5 ft
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	6840 mm	22.4 ft
Maximum Vertical Wall Digging Depth	5790 mm	19 ft
Bucket Digging Force – ISO	207 kN	46,482 lbf
Stick Digging Force – ISO	144 kN	32,319 lbf

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.9 kg (1.98 lb) of refrigerant which has a CO₂ equivalent of 1.287 metric tonnes (1.418 tons).

Sustainability

Recyclability	98%
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STANDARD & OPTIONAL EQUIPMENT

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

	Standard	Optional
BOOM AND STICKS		
6.15 m (20'2") Reach boom	✓	
3.2 m (10'6") Reach stick		✓
3.75 m (12'4") Reach stick		✓
UNDERCARRIAGE AND STRUCTURES		
Grease lubricated track	✓	
Tie down points on base frame	✓	
5000 kg (11,020 lb) counterweight		✓
7700 kg (16,980 lb) counterweight		✓
600 mm (24") triple grouser track shoes		✓
700 mm (28") triple grouser track shoes		✓
850 mm (33") triple grouser track shoes		✓
3440 mm (11'3") blade		✓
3600 mm (11'10") blade		✓
CAT TECHNOLOGY		
VisionLink	✓	
Remote Flash	✓	
Remote Troubleshoot	✓	
Cat Grade 2D	✓	
Cat Assist	✓	
VisionLink Productivity		✓
Cat Grade Connectivity		✓
Cat Grade 2D with Attachment Ready Option (ARO)		✓
Cat Grade 3D single GNSS		✓
Cat Grade 3D dual GNSS		✓
Cat Tilt Rotator (TRS) Integration		✓
Operator Coaching		✓
CAB		
ROPS	✓	
Air-adjustable seat with heat (Deluxe only)	✓	
Auto-adjustable seat with heat and air ventilation (Premium only)	✓	
High-resolution 254 mm (10 inch) LCD touchscreen monitor	✓	
Cat Stick Steer		✓
Auxiliary relay		✓
ELECTRICAL SYSTEM		
Maintenance-free batteries	✓	
LED chassis light, left-hand/right-hand boom lights, cab lights -1800 lumens	✓	
Centralized electrical disconnect switch	✓	
Programmable time delay working lights after engine shutdown	✓	

	Standard	Optional
ENGINE		
Cat C7.1 twin turbo diesel engine	✓	
Three selectable modes: Power, Smart, Eco	✓	
52°C (126° F) high-ambient cooling capacity with derate	✓	
-18°C (0° F) cold start capability	✓	
Sealed double element air filter with integrated pre-cleaner	✓	
1 x 145 Amp. dual alternator	✓	
Electric fuel priming pump	✓	
Hydraulic and reversible demand fan	✓	
Two-stage fuel filtration system with water separator and indicator	✓	
-32° C (-25° F) cold start capability		✓
SERVICE AND MAINTENANCE		
Scheduled Oil Sampling (S-O-S SM) ports	✓	
Grouped location for engine oil and fuel filter	✓	
Integrated vehicle health management system	✓	
HYDRAULIC SYSTEM		
Electric main control valve	✓	
Boom and stick regeneration circuits	✓	
Auto hydraulic oil warm up	✓	
Auto two-speed travel	✓	
Boom and stick drift reduction valve	✓	
Element type main hydraulic filter	✓	
SmartBoom™ (Europe only)		✓
Hydraulic efficiency monitoring		✓
SAFETY AND SECURITY		
2D E-Fence	✓	
Auto hammer stop	✓	
Rear- and right-side-view cameras	✓	
Right-hand handrail and hand hold	✓	
Service platform with anti-skid plate and countersunk bolts	✓	
Hydraulic lockout lever neutralizes all controls	✓	
Ground level-accessible secondary engine shutoff switch in cab	✓	
Lockable disconnect switch	✓	
Signaling/warning horn	✓	
Cat Command (remote control)		✓
360° visibility		✓
Swing alarm		✓
Inspection lighting		✓

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

AEXQ2943-04
Replaces AEXQ2943-03
Build Number: 07D
(Aus-NZ, Europe,
Hong Kong, N Am, Taiwan)

