

326

HYDRAULIC EXCAVATOR



Net Power – ISO 9249
Operating Weight
Maximum Digging Depth

157.8 kW (212 hp)
25 700 kg (56,600 lb)
6820 mm (22.4 ft)

CAT[®]

326

HYDRAULIC EXCAVATOR

The Cat® 326 Excavator brings premium performance with simple-to-use technologies like Cat Grade with 2D, Grade Assist, and Payload – all standard equipment from the factory to boost your operator efficiencies up to 45%. Combine these features with an ergonomic cab, longer maintenance intervals that lower your maintenance costs up to 20%, and improved controllability and you have a low-cost-per-unit-of-production excavator that's perfect for medium- to heavy-duty applications.

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



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.

UP TO 10% LESS FUEL CONSUMPTION

Three power modes and automatic engine speed control minimize fuel consumption.

UP TO 45% MORE OPERATING EFFICIENCY

Offering the industry's highest level of standard factory-equipped technology, including Cat Grade with 2D, Grade with Assist and Payload.

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: 07F.



PERFORMANCE AND PRODUCTIVITY



- Improved controllability over the 326D2.
- 5% fuel consumption reduction without productivity loss when using Smart mode.
- 12% improved swing torque makes working on slopes easier.
- Increase operating efficiency up to 45% with standard Cat Technologies that lower operator fatigue and your operating costs, including fuel consumption and daily maintenance.
- The C7.1 engine can run on biodiesel up to B20 and meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- 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.
- Optional 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.
- Don't let the temperature stop you from working. The excavator has a standard high-ambient temperature capability of 52° C (125° F) with 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

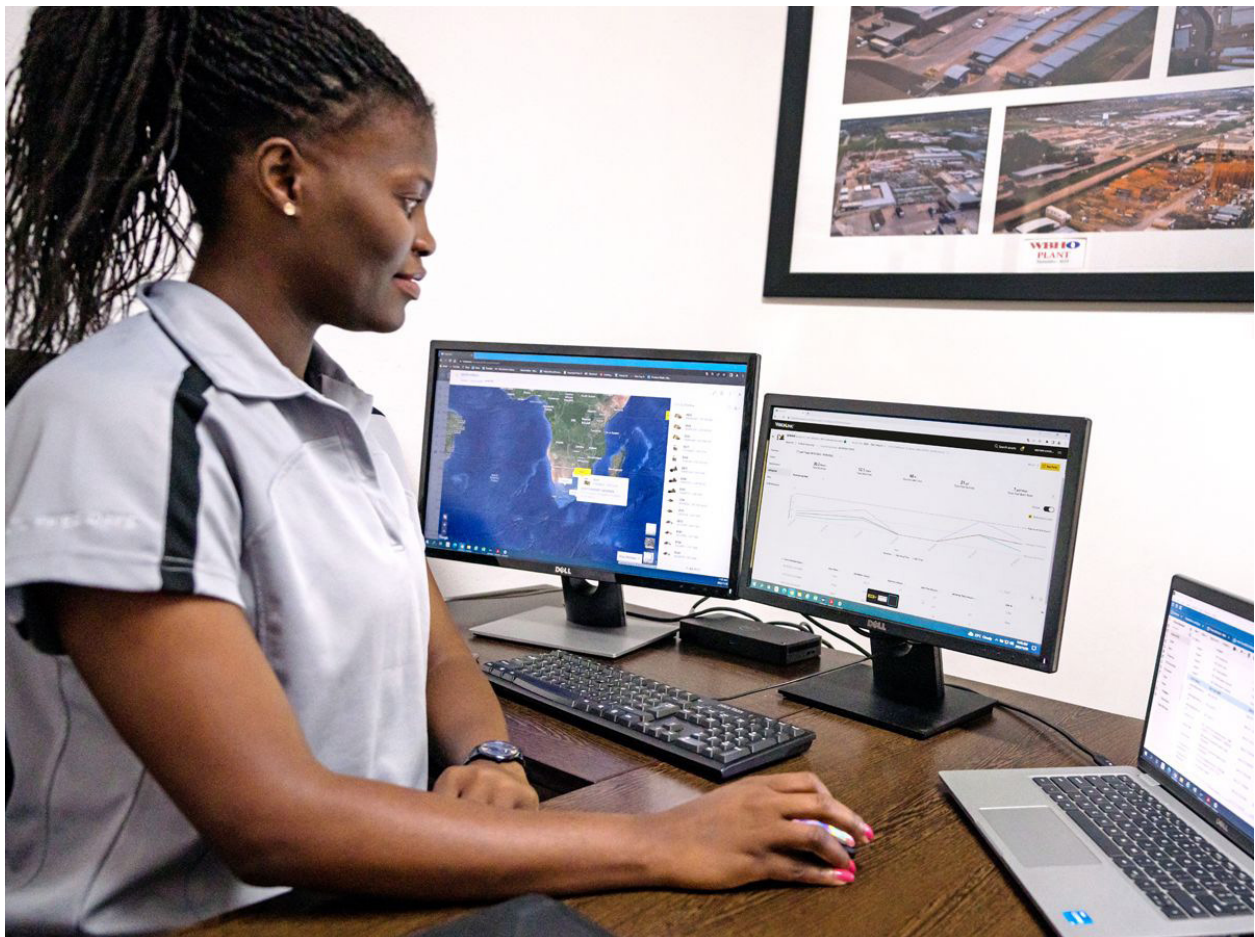
- Boost productivity up to 45% versus traditional grading with standard Cat Grade with 2D system – includes indicate-only and laser capability.
- Cat Payload helps you achieve precise load targets to improve your operating efficiency. Pick up a load of material – with a bucket and thumb combination or 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.
- Set your desired bucket angle and let Bucket Assist automatically maintain the angle in sloping, leveling, fine grading, and trenching applications.
- Keep the tracks on ground in lifting and hard digging with Boom Assist.
- Automatically stop excavator swing at operator-defined set points in truck loading and trenching applications with Swing Assist, which will help you use less effort and consume less fuel.
- 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 between Comfort and Deluxe cabs – both with automatic climate control (consult your local dealer on availability in your region).
- The Comfort cab is equipped with a mechanical suspension seat. The Deluxe seat is heated and air adjustable.
- Advanced viscous mounts reduce cab vibration up to 50% over previous excavator models.
- 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, 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.



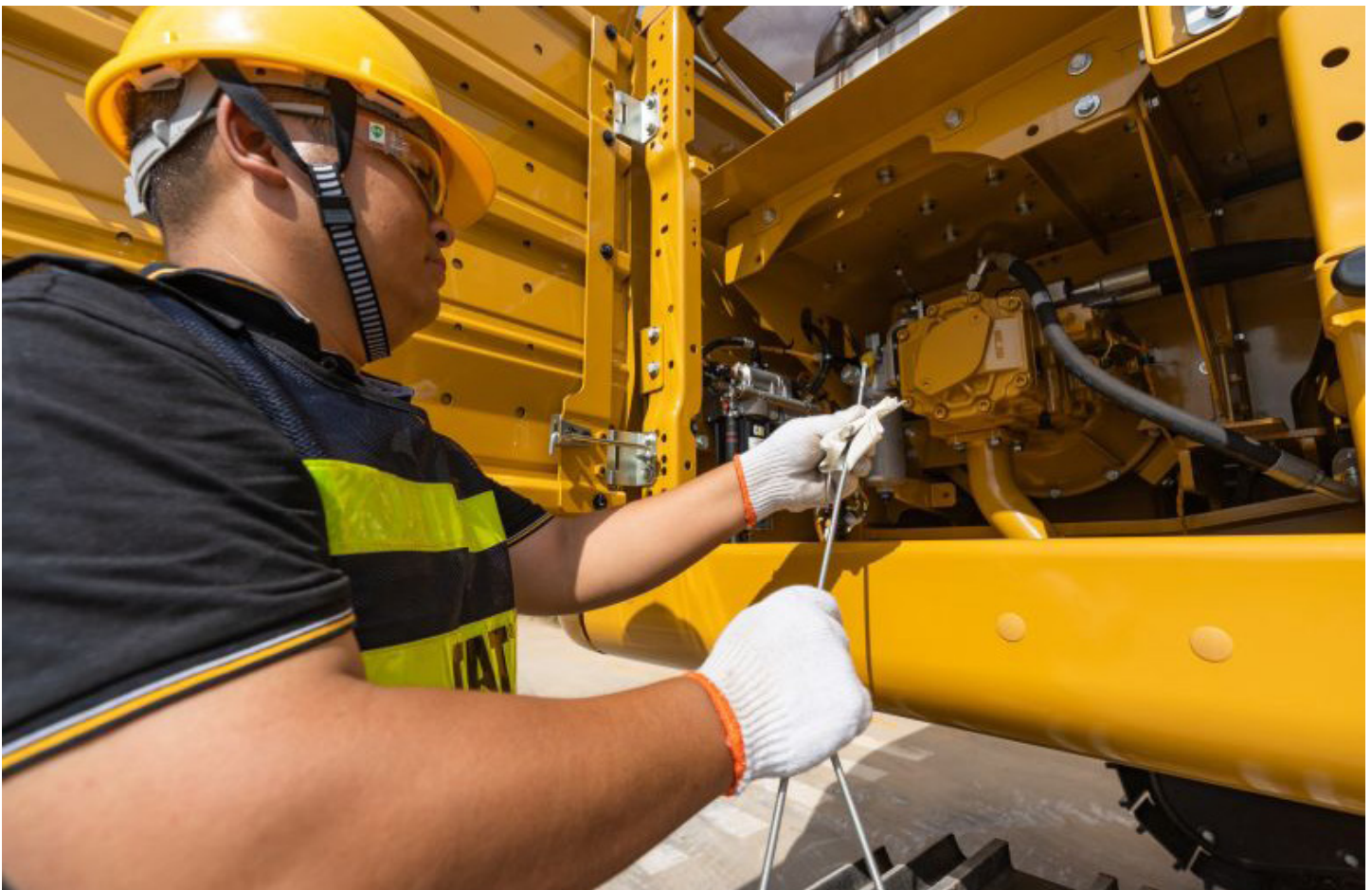
SIMPLE TO OPERATE



- Start the engine with a push button 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.
- 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 (available on the Deluxe cab only).
- Navigate quickly on the standard high-resolution 203 mm (8 in) touchscreen monitor, or with the optional 254 mm (10 in) touchscreen monitor (Deluxe cab only), or with the aid of the jog dial control.
- 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.
- 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.
- 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.

LOWER MAINTENANCE COSTS

- Expect up to 20% less maintenance cost than the 326D2 (savings calculated over 12,000 machine hours).
- Do all daily maintenance at ground level.
- 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.
- Scheduled Oil Sampling (S-O-SSM) ports with extended sampling intervals are on ground level, simplifying maintenance and allows for quick easy extraction of samples for fluid analysis.
- Track your excavator's filter life and maintenance intervals via the in-cab monitor.
- Using Cat genuine oil and filters and doing your typical S-O-S 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 pre-cleaner 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.
- 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.



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 100% of daily maintenance 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.
- Cat Command remote control enables equipment operators to work safely outside the machine when working in hazardous environments. Command offers the choice of handheld Consoles (line-of-sight) or long-distance virtual Stations (non-line-of-sight). Deep integration with machine systems enables efficiency and productivity by maintaining the use of in-cab technology* features (Grade, Payload, Assist, etc.).
- 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.
- The right service platform design provides easy, safe, and quick access to upper service platform; the service platform steps use anti-skid punch plate to prevent slipping.
- Optional boom and stick lowering check valves prevent reverse flow, keeping your front linkage securely in place should the hydraulic system unexpectedly lose power.
- Brightly colored seatbelts allow easy recognition of properly utilized safety restraints.
- Make service work easier and safer with optional inspection lighting. With the flip of a switch, lights will illuminate the engine, pump, battery, and radiator compartments to enhance visibility.
- Enhance jobsite safety. Add a swing alarm to alert people when you're rotating from trench to stockpile and back again.

****Not all technology features are available on the Command Console and vary by model. Consult your Cat dealer for details.***

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



GRAPPLES



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.

MULTI-PROCESSORS



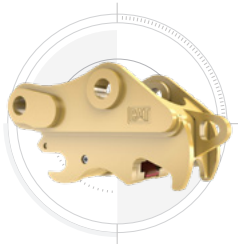
TILTROTATOR



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.

QUICK COUPLERS



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	157.8 kW	212 hp
Net Power - ISO 9249 (DIN)	215 hp (metric)	
Engine Model	Cat C7.1	
Engine Power - ISO 14396	159 kW	213 hp
Engine Power - ISO 14396 (DIN)	216 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	Cat C7.1 engine emits equivalent to U.S. EPA Tier 3 and EU Stage IIIA.	

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 1,900 rpm. Advertised power is tested per the specified standard in effect at the time of manufacture.

¹Cat 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. Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.

*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	481 L/min (127 gal/min)	
Maximum Pressure - Equipment	35 000 kPa	5,075 psi
Maximum Pressure - Equipment - Lift Mode	38 000 kPa	5,510 psi
Maximum Pressure - Travel	35 000 kPa	5,075 psi
Maximum Pressure - Swing	28 400 kPa	4,118 psi

Swing Mechanism

Swing Speed	9.8 r/min	
Maximum Swing Torque	106 kN-m	78,180 ft-lbf

Weights

Operating Weight	25 700 kg	56,600 lb
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Long undercarriage, Heavy Duty (HD) Reach boom, HD R2.95 m (9'7") stick, 1.54 m³ (2.01 yd³) HD bucket, 600 mm (24") triple grouser shoes and 4600 kg (10,141 lb) counterweight.

Service Refill Capacities

Fuel Tank Capacity	474 L	125.2 gal
Cooling System	25 L	6.6 gal
Engine Oil	25 L	6.6 gal
Swing Drive	11.5 L	3 gal
Final Drive - Each	4.5 L	1.2 gal
Hydraulic System - Including Tank	310 L	81.9 gal
Hydraulic Tank	147 L	38.8 gal

Dimensions

Boom	HD Reach 5.9 m (19'4")	
Stick	HD Reach 2.95 m (9'8")	
Bucket	HD 1.54 m ³ (2.01 yd ³)	
Shipping Height - Top of Cab	3000 mm	9.8 ft
Handrail Height	3000 mm	9.8 ft
Shipping Length	10 060 mm	33 ft
Tail Swing Radius	3000 mm	9.8 ft
Counterweight Clearance	1060 mm	3.5 ft
Ground Clearance	440 mm	1.4 ft
Track Length	4640 mm	15.2 ft
Length to Center of Rollers	3830 mm	12.6 ft
Track Gauge	2590 mm	8.5 ft
Transport Width	3190 mm	10.5 ft

Working Ranges & Forces

Boom	HD Reach 5.9 m (19'4")	
Stick	HD Reach 2.95 m (9'8")	
Bucket	HD 1.54 m ³ (2.01 yd ³)	
Maximum Digging Depth	6820 mm	22.4 ft
Maximum Reach at Ground Level	10 120 mm	33.2 ft
Maximum Cutting Height	9640 mm	31.6 ft
Maximum Loading Height	6620 mm	21.7 ft
Minimum Loading Height	2390 mm	7.8 ft
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	6650 mm	21.8 ft
Maximum Vertical Wall Digging Depth	5110 mm	16.8 ft
Bucket Digging Force - ISO	166 kN	37,320 lbf
Stick Digging Force - ISO	121 kN	27,200 lbf

STANDARD & OPTIONAL EQUIPMENT

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

	Standard	Optional		Standard	Optional
UNDERCARRIAGE AND STRUCTURES			ENGINE		
Tie-down points on base frame	✓		Cat C7.1 single turbo diesel engine	✓	
4600 kg (10,141 lb) counterweight	✓		Three selectable power modes: Power, Smart, Eco	✓	
600 mm (24") triple grouser shoes		✓	Auto engine idle shutdown	✓	
600 mm (24") double grouser shoes		✓	52° C (125° F) high-ambient cooling capacity with de-rate	✓	
700 mm (28") triple grouser shoes		✓	-18° C (0° F) cold start capability	✓	
790 mm (31") triple grouser shoes		✓	Double element air filter with integrated pre-cleaner	✓	
6700 kg (14,771 lb) counterweight for Super Long Reach		✓	Reversing electric cooling fans	✓	
BOOMS AND STICKS			-32° C (-25° F) cold start capability		✓
5.9 m (19'4") Reach boom		✓	SERVICE AND MAINTENANCE		
5.9 m (19'4") HD Reach boom		✓	S-O-S ports	✓	
10.2 m (33'6") Super Long Reach boom		✓	Ground-level and platform-level engine oil dipsticks	✓	
2.5 m (8'2") Reach stick		✓	Integrated vehicle health management system	✓	
2.5 m (8'2") HD Reach stick		✓	Electric refueling pump with auto shut off		✓
7.85 m (25'9") Super Long Reach stick		✓	HYDRAULIC SYSTEM		
CAB			Boom and stick regeneration circuits	✓	
ROPS	✓		Auto hydraulic warm up	✓	
Mechanical-suspension seat (Comfort only)	✓		Auto two-speed travel	✓	
Heated air-suspension seat (Deluxe only)	✓		Boom and stick drift reduction valve	✓	
High-resolution 203 mm (8 in) LCD touchscreen monitor	✓		Auto Dig Boost	✓	
High-resolution 254 mm (10 in) LCD touchscreen monitor		✓	Auto heavy lift	✓	
Cat Stick Steer		✓	Tandem-type electronic main pump	✓	
CAT TECHNOLOGIES			Element-type main hydraulic filter	✓	
VisionLink	✓		Hydraulic efficiency monitoring		✓
Remote Flash	✓		SAFETY AND SECURITY		
Remote Troubleshoot	✓		2D E-Fence	✓	
Cat Grade 2D	✓		Auto hammer stop	✓	
Cat Assist	✓		Rearview camera	✓	
Cat Payload	✓		Ground-level engine shutoff switch	✓	
VisionLink Productivity		✓	Lockable disconnect switch	✓	
Cat Grade 2D with Attachment Ready Option (ARO)		✓	Right-hand handrail and hand hold	✓	
Cat Grade 3D single GNSS		✓	Signaling/warning horn	✓	
Cat Grade 3D dual GNSS		✓	Cat Command (remote control)		✓
Cat Tilt Rotator (TRS) Integration		✓	Right-side-view camera		✓
Operator Coaching		✓	360° visibility (Requires 254 mm [10 in] monitor)		✓
ELECTRICAL SYSTEM			Swing alarm		✓
Maintenance-free 1,000 CCA batteries	✓		Inspection lighting		✓
Programmable time-delay LED working lights	✓				
LED chassis light, left-hand/right-hand boom lights, cab lights	✓				
360° 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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AEXQ3408-02
Replaces AEXQ3408-01
Build No: 07F
(Afr-ME, Aus-NZ, Eurasia,
Hong Kong, SE Asia,
S Am [excluding Brazil, Chile],
Taiwan, Turkey)

