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)



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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.



12:25 🐋 0.1° 🍂 👠 🙆 🛛 20.9h 1.0° **D** - M 日 60% < 🍰 Operator Coaching **Operating Hours** 0.4h Idle Time Rate 0.0% Average Fuel Rate 20.00L/h Opera ional Efficiency > 1~ **Operational Efficiency** 2 > Machine Health **Coaching Setting** > Training Videos >

- 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.
 - 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



- Up to 10% lower fuel consumption. An additional 5% 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.
- C7.1 engine that meets emission standards. An aftertreatment system that 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.
- 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.

- Available SmartBoom[™] lets the boom freely travel up and down without using any pump flow so operators can focus on stick and bucket work. The benefits are reduced operator stress and reduced fuel consumption (not available in all regions – consult your local dealer on availability).
- 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.

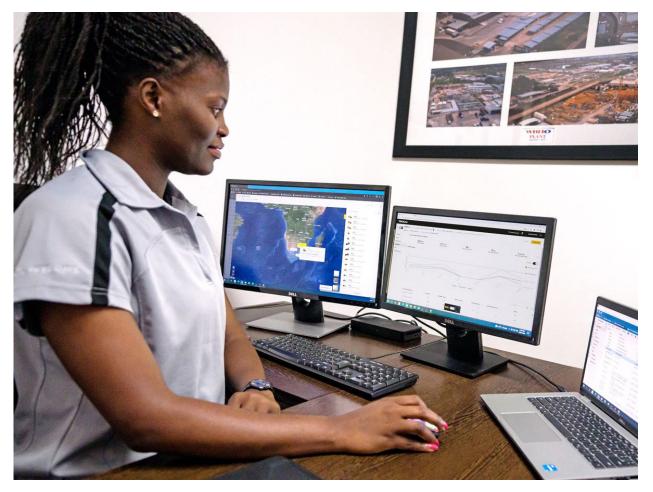


TAKE THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

- 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.

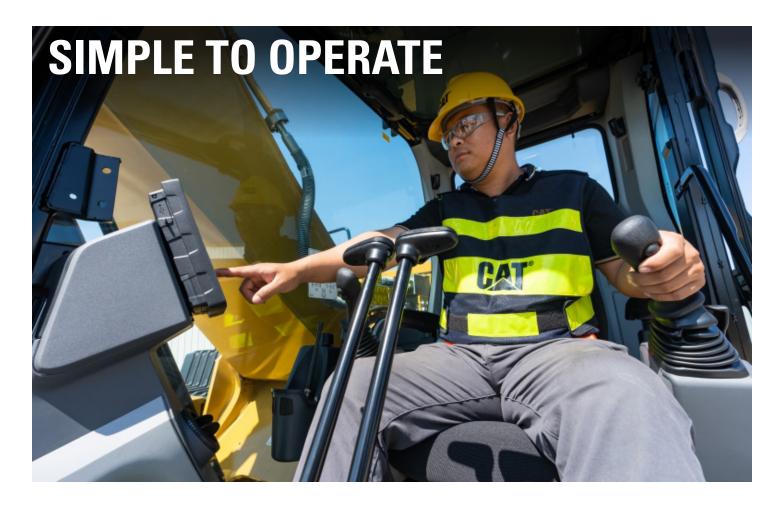


WORK IN COMFORT

- Choose between Comfort, Deluxe and Premium cabs all 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. 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%.
- 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, 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.





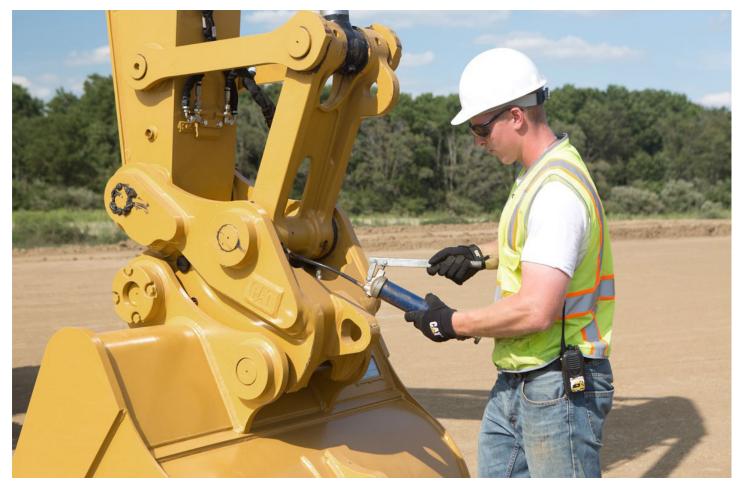


- Start the engine with a push button or the unique Operator ID function.
- Program your power mode and joystick preferences using Operator ID; the excavator will remember what you set each time you go to work.
- Make moving the excavator much easier with optional Cat Stick Steer. Simply push a button and use one hand to travel and turn instead of both hands or feet on levers or pedals.
- Tilt rotator 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.
- 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.
- Navigate quickly on the standard high-resolution 203 mm (8 in) touchscreen monitor, or with the optional 254 mm (10 in) touchscreen monitor (available on the Deluxe and Premium cabs 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.

- 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).
- Auto Dig Boost increases power by up to 8% for better bucket penetration, shorter cycle times, and greater payloads.
- 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.
- 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.

- Expect up to 20% less maintenance cost than the 326F/326D2 (savings calculated over 12,000 machine hours).
- Boost productivity with proactive service reminders. The Integrated vehicle health management system alerts the operator with stepby-step service guidance along with parts needed so you don't experience any unnecessary downtime.
- 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.
- 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·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.
- S·O·S ports are on ground level, simplifying maintenance and allowing for quick, easy extraction of fluid samples for analysis.



<image>

- 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.
- A rearview camera and a right-side-view camera are available. Upgrade to 360° visibility and you'll easily visualize objects and personnel around the excavator in a single view.
- 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.

- The Cat[®] C7.1 engine meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- The 326 emits up to 9% less CO₂ than the previous 326F.*
- 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 326F. 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.



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.



ATTACHMENT TRACKING MADE EASY

The Cat PL161 attachment locator is a Bluetooth device designed to let users know where their attachments are across all worksites, reduce the number of lost attachments, and plan for attachment maintenance and replacement.

Save more time and energy with the available work tool recognition feature. A simple shake of the attached tool confirms its identity and ensures all the attachment settings are correct so you can work quickly and efficiently. The PL161 integrates easily into VisionLink for full fleet management of machines and attachments from one smartphone or tablet dashboard to view location and tracking details.

Automated attachment settings must be enabled within each machine configuration. Consult your Cat dealer for details.

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.

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

En	gine		
Net Power – ISO 9249	157.8 kW	212 hp	
Net Power – ISO 9249 (DIN)	215 hp (r	netric)	
Engine Model	Cat C	7.1	
Engine Power – ISO 14396	159 kW	213 hp	
Engine Power – ISO 14396 (DIN)	216 hp (r	netric)	
Bore	105 mm	4 in	
Stroke	135 mm	5 in	
Displacement	7.01 L	428 in ³	
Biodiesel Capability	Up to	Up to B201	
Emissions	0	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	

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

Dimensi	ons		
Boom	HD Reach 5.9 m (19'4")		
Stick	HD Reach 2.95 m (9'8")		
Bucket	HD 1.54 m³ (2.01 yd³)		
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 m³ (2.01 yd³)		
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	
0.1 1 5 1 5 100	404 1 11		
Stick Digging Force – ISO	121 kN	27,200 lbf	

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

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
Long undercarriage	\checkmark	
Tie-down points on base frame	\checkmark	
4600 kg (10,141 lb) counterweight	\checkmark	
Long narrow undercarriage		\checkmark
600 mm (24") triple grouser shoes		\checkmark
600 mm (24") double grouser shoes		\checkmark
600 mm (24") single grouser shoes		\checkmark
700 mm (28") triple grouser shoes		\checkmark
790 mm (31") triple grouser shoes		\checkmark
900 mm (35") triple grouser track shoes		\checkmark
7400 kg (16,300 lb) counterweight for Super Long Reach		\checkmark
BOOMS AND STICKS		
5.9 m (19'4") Reach boom		\checkmark
5.9 m (19'4") HD Reach boom		\checkmark
2.8 m + 3.3 m (9'2" + 10'10") Variable Angle boom		\checkmark
10.2 m (33'6") Super Long Reach boom		\checkmark
3.6 m (11'10") Reach stick		\checkmark
2.95 m (9'8") Reach stick		\checkmark
2.95 m (9'8") HD Reach stick		\checkmark
2.5 m (8'2") Reach stick		\checkmark
7.85 m (25'9") Super Long Reach stick		\checkmark
CAB		
ROPS	\checkmark	
Mechanical-suspension seat (Comfort only)		\checkmark
Air-adjustable seat with heat (Deluxe only)		\checkmark
Auto adjustable seat with heat and air ventilation (Premium only)		\checkmark
High-resolution 203 mm (8 in) LCD touchscreen monitor		√
High-resolution 254 mm (10 in) LCD touchscreen monitor		\checkmark
Cat Stick Steer		\checkmark
Auxiliary relay		\checkmark

	Standard	Optional
CAT TECHNOLOGIES		
VisionLink	\checkmark	
Remote Flash	~	
Remote Troubleshoot	\checkmark	
Cat Grade 2D	\checkmark	
Cat Assist	\checkmark	
Cat Payload	\checkmark	
VisionLink Productivity		\checkmark
Cat Grade Connectivity		\checkmark
Cat Grade 2D with Attachment Ready Option (ARO)		\checkmark
Cat Grade 3D single GNSS		\checkmark
Cat Grade 3D dual GNSS		\checkmark
Cat Tilt Rotator (TRS) Integration		\checkmark
Operator Coaching		\checkmark
ENGINE		
Cat C7.1 single turbo diesel engine	\checkmark	
Three selectable power modes	\checkmark	
One-touch low idle with automatic	\checkmark	
engine speed control	\checkmark	
Auto engine idle shutdown	\checkmark	
52° C (125° F) high-ambient cooling capacity with de-rate	\checkmark	
–18° C (0° F) cold start capability	\checkmark	
Double element air filter with integrated pre-cleaner	\checkmark	
Reversing electric cooling fans	~	
–32° C (–25° F) cold start capability		\checkmark

(continued on next page)

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

	Standard	Optional
ELECTRICAL SYSTEM		
Maintenance free batteries	\checkmark	
Programmable time-delay LED working lights	\checkmark	
LED chassis light, left-hand/right-hand boom lights, cab lights	\checkmark	
360° lighting		\checkmark
HYDRAULIC SYSTEM		
Boom and stick regeneration circuits	\checkmark	
Auto hydraulic warm up	\checkmark	
Auto two-speed travel	\checkmark	
Boom and stick drift reduction valve	~	
Auto dig boost	\checkmark	
Auto heavy lift	\checkmark	
Tandem-type electronic main pump	\checkmark	
Element-type main hydraulic filter	\checkmark	
SmartBoom™ (Europe only)		\checkmark
Hydraulic efficiency monitoring		\checkmark
SERVICE AND MAINTENANCE		
S·O·S ports	\checkmark	
Ground-level and platform-level engine oil dipsticks	\checkmark	
Integrated vehicle health management system	\checkmark	
Electric refueling pump with auto shutoff		\checkmark

	Standard	Optional
SAFETY AND SECURITY		
2D E-Fence	\checkmark	
Auto hammer stop	\checkmark	
Rearview camera	\checkmark	
Right-side-view camera	\checkmark	
Lift assist	\checkmark	
Ground-level engine shutoff switch	\checkmark	
Lockable disconnect switch	\checkmark	
Right-hand handrail and hand hold	\checkmark	
Signaling/warning horn	\checkmark	
Cat Command (remote control)		\checkmark
360° visibility		\checkmark
Swing alarm		\checkmark
Inspection lighting		\checkmark



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