

326

HYDRAULIC EXCAVATOR



Engine Power
ISO 14396:2002
ISO 14396:2002 (DIN)

151 kW (202 hp)
205 hp (metric)

Operating Weight

25 600 kg (56,400 lb)

Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.



"ALL-IN-ONE" HIGH PERFORMANCE/LOWER COST EXCAVATING

Cat® 326 Hydraulic Excavators offer:

- + NEW TECHNOLOGIES THAT BOOST OPERATOR EFFICIENCY
- + LONGER MAINTENANCE INTERVALS
- + REDUCED FUEL CONSUMPTION

Ready to help make your business more profitable, Caterpillar gives you a low cost-per-unit of production excavator that's perfect for medium- to heavy-duty applications.



THE NEW CAT® 326

MOVING THE STANDARD HIGHER

The Cat 326 Hydraulic Excavator raises the bar for performance and technology that boost operator efficiency and comfort. The 326 will set the pace for productivity and profit in your operation.



DECREASE FUEL CONSUMPTION **UP TO 10%¹**

Three power modes and automatic engine speed control minimize fuel use and increase engine efficiency.

INCREASE JOBSITE EFFICIENCY **UP TO 45%**

You produce more with optional 2D and 3D Grade upgrades and standard Cat technologies.

LOWER MAINTENANCE COSTS **UP TO 20%¹**

Longer maintenance intervals and fewer maintenance items pair to increase uptime and reduce costs.

¹ Compared to 326F/326D2.



BOOST YOUR PRODUCTIVITY BY UP TO 45%

WITH SIMPLE-TO-USE INTEGRATED CAT TECHNOLOGY

STANDARD TECHNOLOGIES INCLUDE:



CAT GRADE WITH 2D

Cat Grade with 2D helps operators reach grade faster. Onboard processors and sensors provide real-time guidance on distance to grade without guesswork. Work safer with fewer ground personnel needed to check the work area for obstacles or grade.



CAT PAYLOAD

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 real-time weight estimates without swinging. Combine with VisionLink® to manage your production targets remotely (available for download to USB).



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 into the monitor and activates single-lever digging.



BUCKET ASSIST

Set and forget your desired bucket angle while bucket assist maintains your prescribed angle in sloping, leveling, trenching, and fine grading.



BOOM ASSIST

Keeps your tracks on the ground in lifting and hard digging.

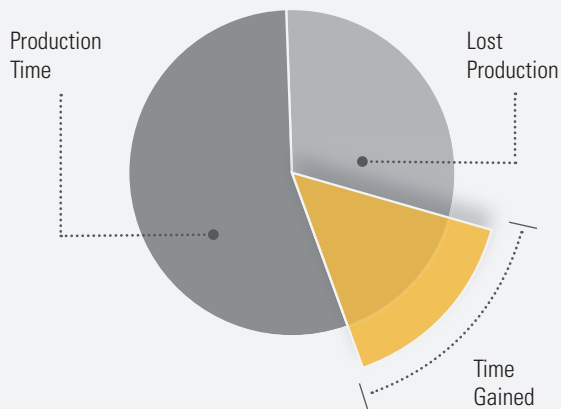


SWING ASSIST

Use less operator effort when excavator swing stops at operator-defined setpoints when loading and trenching.



WHAT IF YOU COULD HAVE **MORE TIME?**



Jobsite inefficiencies, such as waiting or redoing a job twice, reduce the production output. Using integrated technologies can boost time and productivity up to 45%.

CAT TECHNOLOGY

GETS JOBS DONE FASTER
WITH LESS OPERATOR EFFORT

OPTIONAL UPGRADES:

Cat Grade with Advanced 2D* and Cat Grade with 3D* increase productivity and your profit potential. Cat Grade with Advanced 2D offers in-field design capability through an additional high-resolution touchscreen monitor.

Cat Grade with 3D offers a choice of a single antenna global navigation satellite system (GNSS) for enhanced guidance or dual antenna GNSS for maximum grading efficiency.

SMART BOOM™** Lets the boom travel freely without pump flow, so operators can focus on bucket work.

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.

* Both 2D and 3D Cat Grade upgrades must be installed at the factory or after purchase.

** Not available in all regions. Consult your local dealer for availability.

CAT EQUIPMENT MANAGEMENT TECHNOLOGY

TAKES THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

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



PRODUCT LINK™

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



VISIONLINK®

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



Remote Services is a suite of technologies that improve your jobsite efficiency.

Remote Troubleshoot allows your Cat dealer to perform diagnostic testing on your connected machine remotely, pinpointing potential issues while the machine is in operation. Remote Troubleshoot ensures the technician arrives with the correct parts and tools the first time, eliminating additional trips to save you time and money.

Remote Flash updates onboard software without a technician being present, potentially reducing update time by as much as 50%. You can initiate the update when convenient, increasing your overall operating efficiency.

The **Cat app** helps you manage your assets – at any time – right from your smartphone. You can see your fleet location, hours, and other information you need to see. You will get critical alerts for required maintenance, and you can even request service from your local Cat dealer.

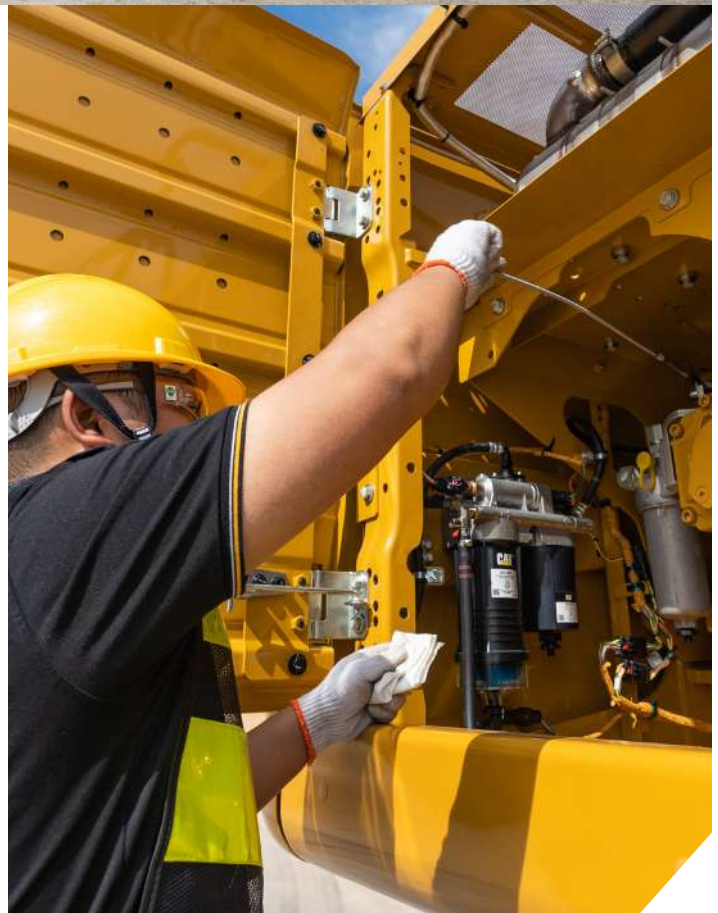


SAVE TIME AND EFFORT ON THE JOBSITE

WITH MORE FUEL SAVINGS
AND EASIER MAINTENANCE

The Cat 326 offers up to 10% lower fuel consumption from Cat integrated technologies and:

- + Longer fuel, hydraulic oil, and air filter life
- + No pilot or case drain filters to replace
- + 100% ground level maintenance and engine oil level check



SAVE UP TO 20% ON MAINTENANCE COSTS

WHAT WOULD YOU DO WITH MORE?

KEY MAINTENANCE COST REDUCTIONS INCLUDE:

- + Ground level maintenance and Scheduled Oil Sampling (S•O•SSM) ports
- + Filter life and maintenance intervals tracked via in-cab monitor
- + High-efficiency cooling fans only run when needed
- + Improved performance of hydraulic oil filter helps it last 50% longer than previous designs

SERVICE REMINDERS MADE EASY

Boost productivity with proactive service reminders. Our new 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.



STAY SAFE EVERY DAY

FACT:

#1 cause of construction accidents: **FALLS***

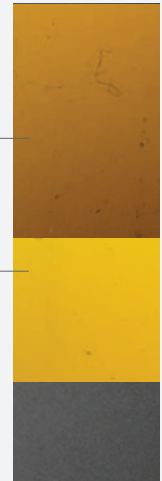
49% OF FALLS RESULT
IN SERIOUS INJURY

30% OF FALLS RESULT
IN DEATH

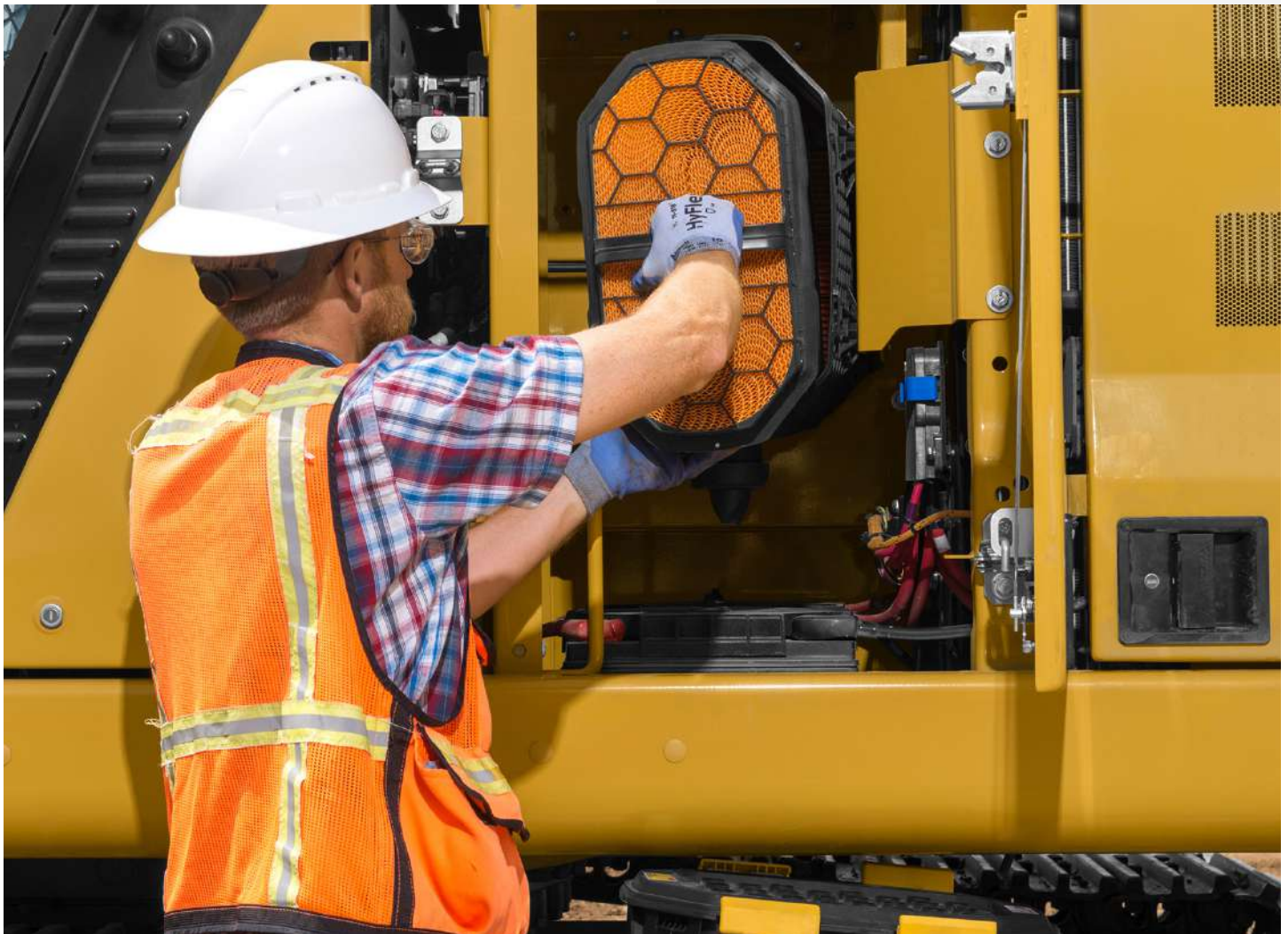
326

100% GROUND-LEVEL
MAINTENANCE
HELPS PREVENT FALLS

FALLS



*<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4962179/>



NEW CAB DESIGN

MAKES THE HARD WORK EASIER



Your job takes you to rugged and challenging places. That's why we designed the 326 cab to help protect the operator from fatigue, stress, sound, and extreme temperatures.

CHOOSE YOUR CAB AND YOUR COMFORT FEATURES

All cabs feature automatic climate control. Comfort cab offers mechanical suspension seat. Deluxe seat is heated and air adjustable. Premium seat is heated and cooled and adjusts automatically.

IT'S ALL WITHIN REACH

All excavator controls are located right in front of you: tip-up console on deluxe and premium cabs, Bluetooth® integrated radio, USB ports for charging and connectivity, cup and bottle holders, and storage in overhead, rear, and console compartments.

MAKING IT CLEAR AND SAFE

The ISO-certified rollover protective structure (ROPS) cab is sound-suppressed and sealed. The large windows and lower front, right, and rear profile of the machine give outstanding visibility to the work area without the strain of constantly leaning forward. A standard rearview camera keeps operators aware of their surroundings at all times. Upgrade to 360° visibility feature is also available.



TOUCHSCREEN MONITOR

Most machine settings can be controlled through the high-resolution 203 mm (8-inch) or optional 254 mm (10-inch) touchscreen monitor. A second 254 mm (10-inch) touchscreen monitor is available for the advanced grade control.



MACHINE SETTINGS

Access the operator manual at your fingertips, as well as the power mode selector to keep productivity while using less fuel.



CUSTOMIZABLE JOYSTICKS

Program your joystick preferences (pattern and response) – the excavator will remember your settings each time you go to work. 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. Adding an auxiliary relay allows 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.



KEYLESS PUSH-BUTTON START

The 326 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 or by an optional Bluetooth key fob.



SAFETY FEATURES

STAND OUT



CAT DETECT PEOPLE DETECTION

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.

CAT COMMAND REMOTE CONTROL

Enhance jobsite safety by adding Cat Command to your fleet. The remote control system comes with everything you need to operate outside of the cab. Command console lets you operate up to 400 meters (437 yards) away. Command station lets you work virtually anywhere.

E-FENCE TECHNOLOGY

Whether you are using a bucket and thumb combination or a hammer, grapple, or clamshell, E-Fence automatically stops excavator motion using boundaries you set through the monitor for the entire working envelope – above, below, sides, and front.

E-Fence protects equipment from damage and reduces fines related to zoning or underground utility damage. Automatic boundaries even help prevent operator fatigue by reducing overswinging and overdigging.

INSPECTION LIGHTING

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.

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.

SECONDARY PULVERIZERS



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.

VIBRATORY PLATE COMPACTORS



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.

DESIGNED TO TAKE ON THE HARD WORK YOU DO EVERY DAY.

A MACHINE YOU CAN DEPEND ON



LESS MAINTENANCE =

LOWER COSTS



Less
Oil



Fewer
Hoses



Fewer
Couplings

DURABILITY FEATURES

- + Electro-hydraulic system requires less oil, fewer hoses, and fewer couplings for less maintenance and lower costs.
- + Larger swing drive and swing bearing support add swing torque for heavier work.
- + Reinforced front structure and base frame support more life, more counterweight, and more torque.
- + Oval-shaped hydraulic tank increases stress resistance.
- + Technology components are integrated into the machine for added protection.
- + Grease-lubricated tracks with a master pin deliver double the retention force.

TECHNICAL SPECIFICATIONS

See cat.com for complete specifications.

ENGINE		
Engine Model	Cat® C7.1	
Engine Power – ISO 14396	151 kW	202 hp
Engine Power – ISO 14396 (DIN)	205 hp (metric)	
Net Power – ISO 9249	149.8 kW	201 hp
Net Power – ISO 9249 (DIN)	204 hp (metric)	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in³
- Advertised power is tested per the specified standard in effect at the time of manufacture. - 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. - Engine speed at 2,200 rpm.		

HYDRAULIC SYSTEM		
Main System – Maximum Flow – Implement	481 L/min	127 gal/min
Maximum Pressure – Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Equipment – Heavy Lift Mode/Auto Dig Boost	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	9.9 rpm	
Maximum Swing Torque	106 kN·m	78,182 lbf·ft

MACHINE WEIGHTS		
Operating Weight	25 600 kg	56,400 lb
Long undercarriage, Reach boom, R2.95 m (9'7") stick, 1.54 m³ (2.01 yd³) HD bucket, 600 mm (24") triple grouser shoes and 4600 kg (10,140 lb) counterweight.		
Operating Weight	29 700 kg	65,400 lb
Long undercarriage, Super Long Reach boom, SLR 7.85A (25'9") stick 0.57 m³ (0.75 yd³) ditch cleaning bucket, 790 mm (31") triple grouser shoes and 7400 kg (16,310 lb) counterweight.		

SERVICE REFILL CAPACITIES		
Fuel Tank	474 L	125.2 gal
Cooling System	25 L	6.6 gal
Engine Oil	25 L	6.6 gal
Swing Drive	11.5 L	3.0 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
Diesel Exhaust Fluid (DEF) Tank	41 L	10.8 gal

DIMENSIONS		
Boom	Reach 5.9 m (19'4")	
Stick	Reach 2.95 m (9'7")	
Bucket	HD 1.54 m³ (2.01 yd³)	
Shipping Height (top of cab)	3000 mm	9'10"
Handrail Height	3000 mm	9'10"
Shipping Length	10 060 mm	33'0"
Tail Swing Radius	3000 mm	9'10"
Track Length to Center of Rollers	3830 mm	12'7"
Ground Clearance	440 mm	1'5"
Track Gauge	2590 mm	8'6"
Track Gauge – Narrow Undercarriage	2390 mm	7'10"
Transport Width – 600 mm (24") shoes	3190 mm	10'6"
Transport Width – 600 mm (24") shoes – Narrow Undercarriage	2990 mm	9'10"
Transport Width – 700 mm (28") shoes	3290 mm	10'10"
Transport Width – 700 mm (28") shoes – Narrow Undercarriage	3090 mm	10'2"
Transport Width – 790 mm (31") shoes	3380 mm	11'1"
Transport Width – 790 mm (31") shoes – Narrow Undercarriage	3180 mm	10'5"
Counterweight Clearance	1060 mm	3'6"

WORKING RANGES AND FORCES		
Boom	Reach 5.9 m (19'4")	
Stick	Reach 2.95 m (9'7")	
Bucket	HD 1.54 m³ (2.01 yd³)	
Maximum Digging Depth	6820 mm	22'5"
Maximum Reach at Ground Level	10 120 mm	33'2"
Maximum Cutting Height	9680 mm	31'9"
Maximum Loading Height	6610 mm	21'8"
Minimum Loading Height	2390 mm	7'10"
Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6650 mm	21'10"
Maximum Vertical Wall Digging Depth	5340 mm	17'6"
Bucket Digging Force (ISO)	166 kN	37,320 lbf
Bucket Digging Force (ISO) – Auto Dig Boost	180 kN	40,520 lbf
Stick Digging Force (ISO)	121 kN	27,200 lbf
Stick Digging Force (ISO) – Auto Dig Boost	131 kN	29,530 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 0.85 kg of refrigerant, which has a CO₂ equivalent of 1.216 metric tonnes.	

STANDARD & OPTIONAL EQUIPMENT

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

BOOMS AND STICKS	STANDARD	OPTIONAL
5.9 m (19'4") Reach boom		•
5.9 m (19'4") HD Reach boom		•
2.8 m + 3.3 m (9'2" + 10'10") Variable Angle boom		•
10.2 m (33'6") Super Long Reach boom		•
3.6 m (11'10") Reach stick		•
2.95 m (9'8") Reach stick		•
2.95 m (9'8") HD Reach stick		•
2.5 m (8'2") Reach stick		•
7.85 m (25'9") Super Long Reach stick		•
CAB	STANDARD	OPTIONAL
Rollover protective structure (ROPS)		•
ROPS, standard sound suppression, air-adjustable seat with heat (deluxe only)		•
ROPS, advanced sound suppression, auto-adjustable seat with heat and air ventilation (premium only)		•
High-resolution 203 mm (8 in) LCD touchscreen monitor	•	
High-resolution 254 mm (10 in) LCD touchscreen monitor		•
Cat® Stick Steer		•
Auxiliary relay		•
CAT TECHNOLOGIES	STANDARD	OPTIONAL
Cat Product Link™	•	
Remote Flash	•	
Remote Troubleshoot	•	
Cat Grade Connectivity		•
Compatibility with radios and base stations from Trimble, Topcon, and Leica	•	
Capability to install 3D grade systems from Trimble, Topcon, and Leica	•	
Cat Grade with 2D	• ¹	
Cat Grade with Advanced 2D		•
Cat Grade with 3D single GNSS		•
Cat Grade with 3D dual GNSS		•
Cat Assist	• ¹	
Cat Payload	•	
2D E-Fence	• ¹	
ENGINE	STANDARD	OPTIONAL
Cat C7.1 single turbo diesel engine	•	
Three selectable power modes	•	
One-touch low idle with automatic engine speed control	•	
Auto engine idle shutdown	•	
52°C (125°F) high-ambient cooling capacity with derate	•	
-18°C (0°F) cold start capability	•	
-32°C (-25°F) cold start capability		•
Double element air filter with integrated precleaner	•	
Reversing electric cooling fans	•	

HYDRAULIC SYSTEM	STANDARD	OPTIONAL
Boom and stick regeneration circuits	•	
Auto hydraulic warm up	•	
Auto two-speed travel	•	
Boom and stick drift reduction valve	•	
Auto dig boost	• ²	
Auto heavy lift	• ³	
Tandem-type electronic main pump	•	
Element-type main hydraulic filter	•	
ELECTRICAL SYSTEM	STANDARD	OPTIONAL
Maintenance free batteries	•	
Programmable time-delay LED working lights	•	
LED chassis light, left-hand/right-hand boom lights, cab lights	•	
360° lighting		•
SAFETY AND SECURITY	STANDARD	OPTIONAL
Cat Detect People Detection		•
Rearview camera	•	
Right-side-view camera	•	
Cat Command remote control		•
360° visibility		•
Lift assist	•	
Swing alarm		•
Ground-level engine shutoff switch	•	
Right-hand handrail and hand hold	•	
Signaling/warning horn	•	
Inspection lighting		•
SERVICE AND MAINTENANCE	STANDARD	OPTIONAL
Scheduled Oil Sampling (S-O-S SM) ports	•	
Ground-level and platform-level engine oil dipsticks	•	
Electric refueling pump with auto shutoff		•
Integrated vehicle health management system		•
UNDERCARRIAGE AND STRUCTURES	STANDARD	OPTIONAL
Long undercarriage	•	
Long narrow undercarriage		•
600 mm (24") triple grouser shoes		•
600 mm (24") double grouser shoes		•
600 mm (24") single grouser shoes		•
700 mm (28") triple grouser shoes		•
790 mm (31") triple grouser shoes		•
900 mm (35") triple grouser shoes		•
Tie-down points on base frame	•	
4600 kg (10,141 lb) counterweight	•	
7400 kg (16,300 lb) counterweight for Super Long Reach		•

¹ Optional on machines equipped with a Super Long Reach configuration.

² Not available on machines equipped with a VA Boom or Super Long Reach configuration. Not available in Japan.

³ Not available on machines equipped with a Super Long Reach configuration. Not available in Japan.

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 brochure available at www.cat.com or your Cat dealer.



オフロード法2014年
基準適合

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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www.cat.com www.caterpillar.com

AEXQ2774-04
Replaces AEXQ2774-03
Build No: 07E
(Aus-NZ, Europe, Japan,
N Am, Turkey)

