



# Cat<sup>®</sup> 326

## Hydraulic Excavator

**The Cat<sup>®</sup> 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 a new cab, longer maintenance intervals that lower your maintenance costs up to 20%, and a power system that reduces fuel consumption by up to 10% 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.**

### High Performance Digging and Lifting

- 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 percent 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.

### Boost Efficiency and Productivity with Integrated Cat Technologies

- Boost productivity up to 45 percent versus traditional grading with standard Cat GRADE with 2D system – includes indicate-only and laser capability.
- Standard Grade Assist: 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.
- Standard Cat PAYLOAD on-board weighing system: Achieve precise load targets and increase loading efficiency with on-the-go weighing and real-time estimates of your payload without swinging.
- Combine Payload with VisionLink<sup>®</sup> and remotely manage your production targets, now with the possibility to download on a USB stick.
- Upgrade to optional Cat GRADE with Advanced 2D: Create and edit grade designs with ease on a second high-resolution 254 mm (10 in) touchscreen monitor.
- Upgrade to optional Cat GRADE with 3D: Create and edit designs with ease on a second high-resolution 254 mm (10 in) touchscreen monitor. Use 3D designs and GNSS technology to assist the operator in reaching the desired grade faster and accurately.



# Cat® 326 Hydraulic Excavator

## Work in Comfort in the All-New Cab

- 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 percent 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.

## Simple to Operate

- Start the engine with a push button; use a Bluetooth key fob\*, smartphone app, 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.
- 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).

## Maintenance

- Expect up to 20 percent less maintenance cost than the 326F/326D2. (Savings calculated over 12,000 machine hours.)
- Do all daily maintenance at ground level.
- Check engine oil level quickly and safely with the new 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.
- Change all fuel filters at a synchronized 1,000 hours – a 100 percent increase over the 326F/326D2 fuel filters.
- Expect the new air intake filter with precleaner to last up to 1,000 hours – a 100 percent increase over the previous filter.
- The new 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 percent 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<sup>SM</sup> ports are on ground level, simplifying maintenance and allowing for quick, easy extraction of fluid samples for analysis.

## Safety

- 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 percent of daily maintenance points from ground level – no need for you to climb on top of the excavator.
- The standard ROPS cab meets ISO 12117-2:2008 requirements.
- 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.
- 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.
- 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.
- New 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.

\*Not available with the Comfort cab.

\*\*Not standard in all regions.

## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>CAB</b>			<b>BOOMS AND STICKS</b>		
ROPS, Comfort cab with mechanical seat suspension		✓	5.9 m (19'4") HD reach boom, 2.95 m (9'8") HD reach stick, long undercarriage <sup>4</sup>		✓ <sup>1</sup>
ROPS, standard sound suppression, air-adjustable seat with heat ( <i>Deluxe only</i> )		✓	5.9 m (19'4") reach boom, 3.6 m (11'10") reach stick, long undercarriage		✓ <sup>2</sup>
ROPS, advanced sound suppression, auto-adjustable seat with heat and air ventilation ( <i>Premium only</i> )		✓	5.9 m (19'4") reach boom, 2.95 m (9'8") reach stick, long undercarriage <sup>4</sup>		✓
High-resolution 203 mm (8 in) LCD touchscreen monitor	✓		5.9 m (19'4") reach boom, 2.5 m (8'2") reach stick, long undercarriage <sup>4</sup>		✓
High-resolution 254 mm (10 in) LCD touchscreen monitor		✓	2.8 m + 3.3 m (9'2" + 10'10") VA boom, 2.95 m (9'8") reach stick, long undercarriage <sup>4</sup>		✓ <sup>3</sup>
<b>CAT TECHNOLOGIES</b>			2.8 m + 3.3 m (9'2" + 10'10") VA boom, 2.5 m (8'2") reach stick, long undercarriage <sup>4</sup>		✓ <sup>3</sup>
Cat Product Link™	✓		10.2 m (33'6") SLR boom, 7.85 m (25'9") SLR stick, long undercarriage <sup>4</sup>		✓
Cat GRADE with 2D*	✓		<sup>1</sup> Europe and Japan only.		
Cat GRADE with Advanced 2D*		✓	<sup>2</sup> North America only.		
Cat GRADE with 3D*		✓	<sup>3</sup> Europe only.		
Cat GRADE with Assist*	✓		<sup>4</sup> Long narrow undercarriage also available in Europe only.		
Cat PAYLOAD*	✓		<b>UNDERCARRIAGE AND STRUCTURES</b>		
2D E-Fence*	✓		600 mm (24") triple grouser shoes		✓
Remote Flash capability	✓		700 mm (28") triple grouser shoes		✓
*Optional on machines equipped with a Super Long Reach boom.			790 mm (31") triple grouser shoes		✓
<b>ENGINE</b>			900 mm (35") triple grouser shoes		✓
Three selectable power modes	✓		Tie-down points on base frame	✓	
One-touch low idle with automatic engine speed control	✓		4600 kg (10,141 lb) counterweight	✓	
Auto engine idle shutdown	✓		6700 kg (14,771 lb) counterweight		✓
52° C (125° F) high-ambient cooling capacity with de-rate	✓		<b>ELECTRICAL SYSTEM</b>		
-18° C (0° F) cold start capability	✓		Two 1,000 CCA maintenance free batteries	✓	
-32° C (-25° F) cold start capability		✓	Programmable time-delay LED working lights	✓	
Double element air filter with integrated precleaner	✓		LED chassis light, left-hand/right-hand boom lights, cab lights	✓	
Reversing electric cooling fans	✓		360° lighting		✓
Biodiesel capability up to B20	✓		<b>SERVICE AND MAINTENANCE</b>		
<b>HYDRAULIC SYSTEM</b>			Sampling ports for Scheduled Oil Sampling (S-O-S)	✓	
Boom and stick regeneration circuits	✓		Ground-level and platform-level engine oil dipsticks	✓	
Auto hydraulic warm up	✓		Electric refueling pump with auto shut off		✓
Auto two-speed travel	✓		<b>SAFETY AND SECURITY</b>		
Boom and stick drift reduction valve	✓		Rearview camera	✓	
Boom and stick lowering check valves		✓	Right-side-view camera	✓	
Hammer return filter circuit		✓	360° visibility*		✓
Combined Tool Control (two pump, one/two way high-pressure flow)		✓	Lift Assist**	✓	
Medium-pressure circuit		✓	Ground-level engine shutoff switch	✓	
Quick coupler circuit		✓	Right-hand handrail and hand hold	✓	
			Signaling/warning horn	✓	

\*Requires 254 mm (10 in) monitor.

\*\*Optional on machines equipped with a Super Long Reach boom.

**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 and additional regional offerings, refer to the Technical Specifications brochure available at [www.cat.com](http://www.cat.com) or your Cat dealer.

# Cat® 326 Hydraulic Excavator

## Technical Specifications

### Engine

Engine Model	Cat C7.1	
Engine Power – ISO 14396	151 kW	202 hp
Engine Power – ISO 9249	150 kW	201 hp
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in <sup>3</sup>

### Hydraulic System

Main System – Maximum Flow – Implement	515 L/min	136 gal/min
Maximum Pressure – Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Equipment – Heavy 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	10.5 rpm	
Maximum Swing Torque	106 kN·m	78,182 lbf·ft

### Machine Weights

Operating Weight – 600 mm (24") Triple Grouser Shoes	25 900 kg	57,100 lb
<ul style="list-style-type: none"> <li>Long undercarriage, Heavy Duty Reach boom, R2.95 m (9'7") stick, Heavy Duty 1.54 m<sup>3</sup> (2.01 yd<sup>3</sup>) bucket, 600 mm (24") triple grouser shoes and 4600 kg (10,141 lb) counterweight.</li> </ul>		
Operating Weight – 790 mm (31") Triple Grouser Shoes	29 000 kg	63,934 lb
<ul style="list-style-type: none"> <li>Long undercarriage, Super Long Reach boom, Super Long Reach stick 0.57 m<sup>3</sup> (0.75 yd<sup>3</sup>) Ditch Cleaning bucket and 790 mm (31") triple grouser shoes and 6700 kg (14,771 lb) counterweight.</li> </ul>		

### 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	10 L	2.6 gal
Final Drive (each)	5.5 L	1.5 gal
Hydraulic System (including tank)	310 L	81.9 gal
Hydraulic Tank	147 L	38.8 gal
DEF Tank	41 L	10.8 gal

### Dimensions

<b>Boom</b>	<b>Reach 5.9 m (19'4")</b>	
<b>Stick</b>	<b>Reach 2.95 m (9'8")</b>	
<b>Bucket</b>	<b>HD 1.54 m<sup>3</sup> (2.01 yd<sup>3</sup>)</b>	
Shipping Height (top of cab)	3000 mm	9'8"
Handrail Height	3000 mm	9'8"
Shipping Length	10 060 mm	33'0"
Tail Swing Radius	3000 mm	9'8"
Track Length to Center of Rollers	3830 mm	12'6"
Ground Clearance	1060 mm	3'5"
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 – 900 mm (35") Shoes	3490 mm	11'5"
Counterweight Clearance	440 mm	1'4"

### Working Ranges and Forces

<b>Boom</b>	<b>Reach 5.9 m (19'4")</b>	
<b>Stick</b>	<b>Reach 2.95 m (9'8")</b>	
<b>Bucket</b>	<b>HD 1.54 m<sup>3</sup> (2.01 yd<sup>3</sup>)</b>	
Maximum Digging Depth	6820 mm	22'4"
Maximum Reach at Ground Level	10 120 mm	33'2"
Maximum Cutting Height	9640 mm	31'6"
Maximum Loading Height	6620 mm	21'7"
Minimum Loading Height	2390 mm	7'8"
Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6640 mm	21'8"
Maximum Vertical Wall Digging Depth	5110 mm	16'8"
Bucket Digging Force (ISO)	166 kN	37,318 lbf
Stick Digging Force (ISO)	121 kN	27,202 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 of refrigerant which has a CO<sub>2</sub> equivalent of 1.287 metric tonnes.



For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

© 2019 Caterpillar  
All rights reserved

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

CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Yellow," the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

VisionLink is a trademark of Trimble Navigation Limited, registered in the United States and in other countries.

AEXQ2540 (07-2019)  
Build Number: 07A  
(N Am, Eur, ANZ, Japan)

