



# 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 percent. Combine these features with a new cab, longer maintenance intervals that lower your maintenance costs up to 20 percent, and a power system that reduces fuel consumption by up to 10 percent 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 percent lower fuel consumption. An additional 5 percent reduction without productivity loss when using Smart mode.
- 12 percent 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.
- 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.



# Cat® 326 Hydraulic Excavator

## Work in Comfort in the All-New Cab

- Choose between Deluxe and Premium cabs – with automatic climate control. (Consult your local dealer on availability in your region.)
- 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 percent.
- 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 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.
- 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.
- The Cat PL161 Attachment Locator is a Bluetooth device that makes finding your attachments and other gear quick and easy. The Cat App on your phone will locate the device automatically.

## 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 available. 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.

## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>BOOMS AND STICKS</b>			<b>ENGINE</b>		
5.9 m (19'4") Reach boom		✓	Three selectable power modes: Power, Smart, Eco	✓	
5.9 m (19'4") HD Reach boom <sup>(1)</sup>		✓	One-touch low idle with automatic engine speed control	✓	
2.8 m + 3.3 m (9'2" + 10'10") Variable Angle boom <sup>(2)</sup>		✓	Auto engine idle shutdown	✓	
10.2 m (33'6") Super Long Reach boom		✓	52° C (125° F) high-ambient cooling capacity with de-rate	✓	
3.6 m (11'10") Reach stick, CB1 linkage <sup>(3)</sup>		✓	-18° C (0° F) cold start capability	✓	
2.95 m (9'8") Reach stick, CB1 linkage		✓	-32° C (-25° F) cold start capability		✓
2.95 m (9'8") HD Reach stick, CB1 linkage <sup>(1)</sup>		✓	Double element air filter with integrated precleaner	✓	
2.5 m (8'2") Reach stick, CB1 linkage <sup>(4)</sup>		✓	Reversing electric cooling fans	✓	
7.85 m (25'9") Super Long Reach stick, A linkage		✓	<b>HYDRAULIC SYSTEM</b>		
<b>CAB</b>			Boom and stick regeneration circuits	✓	
ROPS, sound suppressed with viscous mounts, air-adjustable seat with heat ( <i>Deluxe only</i> )		✓	Auto hydraulic warm up	✓	
ROPS, sound suppressed with viscous mounts, auto-adjustable seat with heat and air ventilation ( <i>Premium only</i> ) <sup>(1)</sup>		✓	Auto two-speed travel	✓	
High-resolution 203 mm (8 in) LCD touchscreen monitor	✓		Boom and stick drift reduction valve	✓	
High-resolution 254 mm (10 in) LCD touchscreen monitor		✓	Auto dig boost**	✓	
<b>CAT TECHNOLOGY</b>			Auto heavy lift***	✓	
Cat Product Link™	✓		Tandem-type electronic main pump	✓	
Cat Grade connectivity		✓	Element-type main hydraulic filter	✓	
Compatibility with radios and base stations from Trimble, Topcon, and Leica	✓		<b>SAFETY AND SECURITY</b>		
Capability to install 3D grade systems from Trimble, Topcon, and Leica	✓		Rear and right-hand-sideview cameras		✓
Cat Grade with 2D*	✓		360° visibility		✓
Cat Grade with Advanced 2D		✓	Ground-level engine shutoff switch	✓	
Cat Grade with 3D		✓	Right-hand handrail and hand hold	✓	
Cat Assist*	✓		Signaling/warning horn	✓	
Cat Payload	✓		<b>SERVICE AND MAINTENANCE</b>		
2D E-Fence*	✓		Sampling ports for Scheduled Oil Sampling (S-O-S <sup>SM</sup> )	✓	
Remote flash and troubleshoot	✓		Ground-level and platform-level engine oil dipsticks	✓	
<b>ELECTRICAL SYSTEM</b>			Electric refueling pump with auto shut off		✓
Maintenance-free 1,000 CCA batteries	✓		<b>UNDERCARRIAGE AND STRUCTURES</b>		
Programmable time-delay LED working lights	✓		Long Undercarriage <sup>(5)</sup>	✓	
LED chassis light, left-hand/right-hand boom lights, cab lights	✓		Long Narrow Undercarriage <sup>(1)</sup>		✓
360° lighting		✓	600 mm (24") triple grouser shoes <sup>(4)</sup>		✓
			600 mm (24") double grouser shoes <sup>(1)</sup>		✓
			600 mm (24") single grouser shoes <sup>(3)</sup>		✓
			700 mm (28") triple grouser shoes <sup>(2)</sup>		✓
			790 mm (31") triple grouser shoes		✓
			Tie-down points on base frame	✓	
			4600 kg (10,140 lb) counterweight	✓	
			7400 kg (16,300 lb) counterweight for Super Long Reach		✓

<sup>(1)</sup>Europe only

<sup>(2)</sup>Not available in Australia/New Zealand

<sup>(3)</sup>North America only

<sup>(4)</sup>Not available in North America

<sup>(5)</sup>Optional in Europe

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

\*\*Not available on machines equipped with a VA Boom or Super Long Reach configuration.

\*\*\*Not available on machines equipped with a Super Long Reach configuration.

**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	
Net Power – ISO 9249	149.8 kW	201 hp
Net Power – ISO 9249 (DIN)	204 hp (metric)	
Engine Power – ISO 14396	151 kW	202 hp
Engine Power – ISO 14396 (DIN)	205 hp (metric)	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in³

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
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 m³ (2.01 yd³)</b>	
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"
Counterweight Clearance	1060 mm	3'6"
Ground Clearance	440 mm	1'5"
Track Length	4640 mm	15'3"
Track Length to Center of Rollers	3830 mm	12'7"
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 – 790 mm (31") Shoes	3380 mm	11'1"
Transport Width – 790 mm (31") Shoes – Narrow Undercarriage	3180 mm	10'5"

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 m³ (2.01 yd³)</b>	
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
Stick Digging Force (ISO)	121 kN	27,200 lbf
Bucket Digging Force (ISO) – Auto Dig Boost	180 kN	40,520 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 0.9 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)

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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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AEXQ2540-01 (03-2022)  
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Build Number: 07D  
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