



340 UHD

Hydraulic Excavator

Demolition work has never been easier than with the Cat® 340 UHD Excavator. Reach higher with larger attachment capabilities to maximize performance. Enjoy the versatility, precision, and efficiency offered by standard Cat technologies. Combined with a stability monitoring system and a Falling Object Guard System (FOGS) cab, the 340 UHD keeps you working longer and safer.

HIGH PERFORMANCE WITH LOW FUEL CONSUMPTION

- High fuel efficiency ensures more work per unit of fuel.
- The C9.3B engine and electrohydraulic system will power through all different types of material.
- Auxiliary hydraulic options give you the versatility to use a wide range of Cat® attachments, including the largest attachments needed for demolition work.
- Achieve higher vertical reach up to 22 m (72'2") or 25 m (82'0") with a UHD boom.
- Match the excavator to the job with three power modes – Smart, Power, and Eco. Smart mode automatically matches engine and hydraulic power to digging conditions, providing maximum power when needed and reducing power when it isn't to help save fuel. Power mode is maximum power all the time. Eco mode reduces engine speed and keeps it constant to reduce fuel consumption.
- The high-efficiency hydraulic fan cools the engine on demand to help reduce fuel consumption; standard reverse function makes it easy to keep cores clean.

BOOST EFFICIENCY AND PRODUCTIVITY

- Standard Cat Grade with 2D with a retrofit boom indicates depth and slope on the monitor with auditory alerts.
- Cat Payload onboard weighing helps you achieve precise load targets to improve your operating efficiency with a retrofit boom. Pick up a load of material – with either a bucket or grapple – and get a real-time weight estimate without even swinging.
- Remote flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- Standard Cat Product Link™ provides location, machine hours, fuel usage, productivity, idle time, diagnostic codes, and other machine data on demand, helping you improve jobsite efficiency with lower operating costs.
- The stability monitoring system continuously informs operators of work tool position within the safe working range and warns when approaching the stability limit.

RELIABLE IN TOUGH CONDITIONS

- Reinforced booms, sticks, and frame make the machine more durable and built to last.
- Standard high-ambient temperature capability is 52°C (125°F) with cold start capability at -18°C (0°F).
- Auto hydraulic oil warmup gets you to work faster in cold temperatures and helps prolong the life of components.
- Grease sealed between track pins and bushings reduces travel noise and prevents debris from entering to increase undercarriage life.
- The sloped track frame prevents mud and debris accumulation, helping reduce risk of track damage.

SIMPLE TO OPERATE

- Start the engine with a push button; use a Bluetooth® key fob or the unique Operator ID function.
- Program each joystick button, including power mode, response, and pattern, using Operator ID; the machine will remember what you set each time you go to work.
- Make moving the excavator much easier with standard 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.
- 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.

WORK IN COMFORT

- Get in and out of the cab easily with the standard tilt-up left console.
- Deluxe cab with premium seat offers a heated and ventilated seat for year-round comfort.
- 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.
- Use the standard radio's USB ports and Bluetooth technology to connect personal devices and make hands-free calls.



340 UHD Hydraulic Excavator

EASY MAINTENANCE

- Long life fuel, oil, and air filters keep you working on the job longer.
- Check the hydraulic system oil and easily drain fuel system water from ground level.
- Track your excavator's filter life and maintenance intervals via the in-cab monitor. The optional engine oil sensor tracks your oil levels to speed up your daily maintenance routine.
- Change all fuel filters at a synchronized 1,000 hours. Filters are grouped together for easy maintenance.
- The air intake filter with pre-cleaner has a high dust holding capacity.
- The hydraulic oil filter provides improved filtration performance and anti-drain valves to keep oil clean when the filter is replaced.
- The high-efficiency hydraulic fan has a standard automatic reverse function to keep cores free from debris, eliminating the need for any operator interaction.
- Scheduled Oil Sampling (S-O-SSM) ports simplify maintenance and allow for quick, easy extraction of fluid samples for analysis.

SAFELY HOME EVERY DAY

- The front windshield and roof window are made with P5A glazing for enhanced impact resistance.
- A travel direction indicator helps operators know which way to activate the travel levers.
- Enjoy great visibility in each swing direction and behind you with the help of smaller cab pillars and larger windows.
- FOGS protect the roof and front window in a demolition application while also maintaining visibility to the job site.
- A ground-level shutoff switch stops all fuel to the engine when activated and shuts down the machine.
- Rearview and right-hand-sideview cameras are standard. Upgrade to 360° visibility and you'll easily visualize objects and personnel around the excavator in a single view.
- Serrated steps and anti-skid punch plate on the service platform help prevent slipping.
- Keep your excavator secure with Operator ID. Use your PIN code on the monitor to enable the push button starting feature.
- Cat Lift Assist with retrofit boom helps you avoid tipping by letting you know if your load is within the excavator's safe working range.

SUSTAINABILITY

- The Cat C9.3B engine emits equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Cat 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.
- Auto Engine Speed Control helps reduce unnecessary fuel burn and greenhouse gas emissions by allowing the engine to automatically go into idle mode when the machine is not working.
- 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, job site productivity, and accuracy.
- Cat Payload for excavators provides on-the-go material weighing which helps reduce fuel burn by improving loading efficiency, job site 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 job site 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.
- 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.

** For use of blends higher than 20% biodiesel, consult your Cat dealer.*

*** Lower-carbon intensity fuels do not significantly reduce GHGs at the tailpipe.*

Standard and Optional Equipment may vary. Consult your Cat dealer for details.

| | Standard | Optional |
|--|----------|----------|
| UNDERCARRIAGE AND STRUCTURES | | |
| Hydraulic Variable Gauge undercarriage | ✓ | |
| 9.0 mt (19,842 lb) counterweight | ✓ | |
| 600 mm (24") Triple Grouser Track Shoes | | ✓ |
| 700 mm (28") Triple Grouser Track Shoes | | ✓ |
| BOOMS AND STICKS | | |
| Advanced tool control, UHD | ✓ | |
| 22 m (72'2") UHD front | | ✓ |
| 25 m (82'0") UHD front | | ✓ |
| Two-Piece Retrofit variable adjustment boom | | ✓ |
| 7.4 m (24'3") Retrofit boom | | ✓ |
| R3.2 m DB (10'6") Retrofit stick | | ✓ |
| R3.9 m DB (12'10") Retrofit stick | | ✓ |
| 7.1 m (23'4") UHD Stick | | ✓ |
| DB family bucket linkage | | ✓ |
| Dedicated C family bucket linkage | | ✓ |
| Transport cradle for front | | ✓ |
| CAT TECHNOLOGY | | |
| Cat® Product Link | ✓ | |
| Remote Flash | ✓ | |
| Stability monitoring system | ✓ | |
| 2D E-Fence, E-swing | ✓ | |
| Cat Grade with 2D (Retrofit boom only) | ✓ | |
| Cat Payload (Retrofit boom only) | ✓ | |
| Lift Assist (Retrofit boom only) | ✓ | |
| CAB | | |
| Tilt-up demolition cab with P5A laminated front and roof glass | ✓ | |
| High-resolution 254 mm (10") LCD touchscreen monitor | ✓ | |
| Heated air-suspension seat | ✓ | |
| Monitor integrated Bluetooth radio with USB port | ✓ | |
| Auto bi-level air conditioner | ✓ | |
| Jog dial and shortcut keys for monitor control | ✓ | |
| Keyless push-to-start engine control | ✓ | |
| Height-adjustable console | ✓ | |
| Tilt-up left-side console | ✓ | |
| Cat Stick Steer | ✓ | |
| Auxiliary relay | ✓ | |
| Parallel wiper with washer | ✓ | |
| Skylight wiper install capability | ✓ | |
| LED interior lights | ✓ | |
| Roller front sunscreen | ✓ | |
| Floor welcome light | ✓ | |
| Roller rear sunscreen | | ✓ |
| ELECTRICAL SYSTEM | | |
| Maintenance-free 1,000 CCA batteries (×4) | ✓ | |
| Centralized electrical disconnect switch | ✓ | |
| LED exterior chassis and boom lights | ✓ | |
| Premium surround working lights | | ✓ |

| | Standard | Optional |
|--|----------|----------|
| ENGINE | | |
| 115 amp alternator | ✓ | |
| Dual stage four micron main filter | ✓ | |
| Remote disable | ✓ | |
| Three selectable modes: Power, Smart, Eco | ✓ | |
| Auto engine speed control | ✓ | |
| Up to 4500 m (14,760 ft) altitude capability | ✓ | |
| Hydraulic reverse fan | ✓ | |
| 52°C (126°F) high-ambient cooling | ✓ | |
| -18°C (0°F) cold start capability | ✓ | |
| Double element air filter with integrated pre-cleaner | ✓ | |
| -32°C (-25°F) cold start capability | | ✓ |
| Cold start block heater | | ✓ |
| Ether starting aid | | ✓ |
| SERVICE AND MAINTENANCE | | |
| Grouped engine oil and fuel filters | ✓ | |
| S-O-S ports | ✓ | |
| QuickEvac maintenance ready | ✓ | |
| Integrated vehicle health management system | | ✓ |
| HYDRAULIC SYSTEM | | |
| Boom lowering check valve capability | ✓ | |
| Stick lowering check valve capability | ✓ | |
| Boom and stick regeneration circuit | ✓ | |
| Electronic main control valve | ✓ | |
| Auto hydraulic oil warmup | ✓ | |
| Auto swing parking brake | ✓ | |
| High Performance hydraulic return filter | ✓ | |
| Two-speed travel | ✓ | |
| Bio hydraulic oil capability | ✓ | |
| Combined two-way auxiliary circuit | | ✓ |
| Medium-pressure auxiliary circuit | | ✓ |
| Quick coupler circuit | | ✓ |
| SAFETY AND SECURITY | | |
| Caterpillar One Key security system | ✓ | |
| Lockable external tool/storage box | ✓ | |
| Lockable door, fuel, and hydraulic tank locks | ✓ | |
| Lockable fuel drain compartment | ✓ | |
| Service platform with anti-skid plate and recessed bolts | ✓ | |
| Right-hand handrail and handhold | ✓ | |
| Signaling/warning horn | ✓ | |
| Ground-level secondary engine shutoff switch | ✓ | |
| Rear and right-hand-sideview cameras | ✓ | |
| FOGS | ✓ | |
| Bluetooth receiver | | ✓ |
| 360° visibility | | ✓ |

340 UHD Hydraulic Excavator

Technical Specifications

| Engine | | |
|---|------------|---------------------|
| Engine Model | Cat C9.3B | |
| Engine Power – ISO 14396 | 234 kW | 314 hp |
| Bore | 115 mm | 5 in |
| Stroke | 149 mm | 6 in |
| Displacement | 9.3 L | 568 in ³ |
| Hydraulic System | | |
| Main System – Maximum Flow | 558 L/min | 147 gal/min |
| Maximum Pressure – Equipment | 35 000 kPa | 5,076 psi |
| Maximum Pressure – Equipment – Lift Mode | 38 000 kPa | 5,511 psi |
| Maximum Pressure – Travel | 35 000 kPa | 5,076 psi |
| Maximum Pressure – Swing | 29 400 kPa | 4,264 psi |
| Swing Mechanism – UHD Fronts | | |
| Swing Speed | 5.2 r/min | 5.2 r/min |
| Swing Mechanism | | |
| Swing Speed | 8.84 r/min | 8.84 r/min |
| Maximum Swing Torque | 142 kN·m | 104,730 ft·lbf |
| Weights | | |
| Operating Weight | 55 200 kg | 121,700 lb |
| Machine Weight – Retrofit Configuration | 53 500 kg | 117,900 lb |
| UHD in Cradle | 9230 kg | 20,360 lb |
| Retrofit Boom in Cradle – R3.2 DB Stick | 6050 kg | 13,340 lb |
| Retrofit Boom in Cradle – R3.9 DB Stick | 6220 kg | 13,710 lb |
| 2-piece Retrofit boom in cradle – R3.2 DB stick | 7910 kg | 17,440 lb |
| Service Refill Capacities | | |
| Fuel Tank Capacity | 600 L | 159 gal |
| Cooling System | 40 L | 10 gal |
| Engine Oil | 32 L | 8 gal |
| Swing Drive | 15 L | 4 gal |
| Final Drive – Each | 8 L | 2 gal |
| Hydraulic System – Including Tank | 550 L | 145 gal |
| Hydraulic Tank | 161 L | 43 gal |

| Dimensions | | |
|--|-----------|---------|
| Shipping Height – Top of Cab | 3383 mm | 11.1 ft |
| Shipping Length | 18 160 mm | 59.6 ft |
| Tail Swing Radius | 3521 mm | 11.6 ft |
| Counterweight Clearance | 1397 mm | 4.6 ft |
| Ground Clearance | 510 mm | 1.7 ft |
| Track Length | 5770 mm | 18.9 ft |
| Track Length to Center of Rollers | 4770 mm | 15.7 ft |
| Shipping Gauge – Retracted Position | 2400 mm | 7.1 ft |
| Working Gauge – Extended Position | 3400 mm | 11.2 ft |
| Transport Width | 2500 mm | 8.2 ft |
| Machine Length – without Front, with Counterweight | 7077 mm | 23.3 ft |
| Machine Length – without Front and Counterweight | 6954 mm | 22.1 ft |
| Cab Height – With FOGS | 3585 mm | 11.8 ft |
| Track Width – Extended | 4000 mm | 13.1 ft |
| Track Width – Retracted | 3000 mm | 9.1 ft |
| <ul style="list-style-type: none"> UHD Front (Base Boom, Nose Boom, Fore Boom), 7.1 m (23'4") UHD Stick, 600 mm (24") triple grouser shoes and 9 mt (19,842 lb) counterweight | | |

| Working Ranges and Forces | | |
|---|-----------|----------|
| Maximum Pin Height at Stick Nose | 25 m | 82 ft |
| Maximum Weight at Stick Nose | 3300 kg | 7,300 lb |
| Maximum Working Pin Height at Stick Nose – 1/2 | 21 270 mm | 69.8 ft |
| Maximum Working Reach at Stick Nose – 1/2 | 13 020 mm | 42.8 ft |
| Maximum Height at Stick Nose in Max Reach Position | 15 900 mm | 52.2 ft |
| Maximum Reach at Stick Nose | 13 330 mm | 43.8 ft |
| <ul style="list-style-type: none"> 25 m (82'0") UHD Front (Over-the-Front) | | |

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

© 2023 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, Advansys, S-O-S, Product Link, SmartBoom, "Caterpillar Corporate 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 Caterpillar Inc., registered in the United States and in other countries.

AEXQ3555 (04-2023)
Build Number: 07E
(Afr-ME, Eurasia, S Am,
SE Asia, Indonesia)

