340D L

Hydraulic Excavator

Engine	
Engine Model	Cat® C9 with ACERT™ Technology
Net Power at 1,800 rpm	
ISO 14396	209 kW (285 hp)
Gross Power (SAE J1995)	213 kW (290 hp)

Weights	
Operating Weight	38 080 to 38 585 kg
Drive	
Maximum Travel Speed	5 km/h
Working Ranges	
Maximum Reach at Ground Level	11 700 mm
Maximum Digging Depth	7960 mm

Features

Performance
High level of sustained production, improved performance, reliability and durability increase your productivity and lower your operating costs.

Engine
The Cat® C9 engine with ACERT™ Technology offers better fuel efficiency and reduced wear. It works at the point of combustion to optimize engine performance and provide low exhaust emissions. By combining ACERT Technology with the new Economy Mode and Power Management, customers can balance the demands of performance and fuel economy to suit their requirements and application.

Operator Station
Superior cab comfort and visibility provide an excellent working environment. The full-color monitor with graphic display features enhanced functionality to provide a simple, comprehensive machine interface.

Service and Maintenance
Fast, easy service has been designed in with long service intervals, advanced filtration, convenient filter access and user-friendly electronic diagnostics for increased productivity and reduced maintenance costs.

Maximum Versatility
A variety of work tools, including buckets, are available for applications such as demolition, site clean-up, scrap processing, breaking up road surfaces and bedrock through Cat® Work Tools.

Contents

With a heavy duty high wide undercarriage, the machine can take full advantage of its fast implements. This wider and heavier undercarriage also improves the general lift capacities.

Engine

Built for power, reliability, economy and low emissions. Meeting regulations... Exceeding expectations.

Performance

The Cat® C9 engine with ACERT™ Technology offers more engine power, and runs at lower speeds for better fuel efficiency and reduced wear.

Power Management

Optimal machine performance for each type of application. The operator can change the engine power on the monitor from standard to high. The high power mode is recommended for extremely productive areas and for hard digging applications.

Automatic Engine Speed Control

The two-stage, one-touch control maximizes fuel efficiency and reduces sound levels.

Engine Controller

ADEM™ A4 (Advanced Diesel Engine Management) electronic control module manages fuel delivery to get the best performance per liter of fuel. The controller uses sensors in fuel, air intake, exhaust and cooling systems and provides flexible fuel mapping, allowing the engine to respond quickly to varying application needs. It tracks engine and machine conditions while keeping the engine operating at peak efficiency.

Fuel Delivery

The Cat® C9 features electronic controls that govern the mechanically actuated unit fuel injection system. Multiple injection fuel delivery involves a high degree of precision. Precisely shaping the combustion cycle lowers combustion chamber temperatures, generating fewer emissions and optimizing fuel combustion. This translates into more work output for your fuel cost.

Cooling System

To reduce fan noise, the cooling fan is hydraulically driven with a variable speed control that manages fan speed to provide optimized cooling. The Cat® C9 delivers a completely new layout that separates the cooling system from the engine compartment.

Air Cleaner

The radial seal air filter features a double-layered filter core for more efficient filtration and is located in a compartment behind the cab. A warning is displayed on the monitor when dust accumulates above a preset level.

Environmentally Responsible Design

Caterpillar machines not only help you build a better world, they help maintain and preserve the fragile environment.

Emissions

The Cat® C9 with ACERT Technology introduces a series of evolutionary, incremental improvements that provide breakthrough engine technology built on systems and components developed by Caterpillar with proven reliability. The technology capitalizes on Caterpillar expertise in four core engine systems: fuel, air, electronics and after treatment. By combining ACERT Technology with the new Economy Mode, customers can balance the demands of performance and fuel economy to suit their requirements and application. ACERT engines meet U.S. EPA Tier 2, Euro Stage II and China Stage II regulations.

Fewer Leaks and Spills

Engine oil and encapsulated hydraulic oil filters are positioned vertically and are easy to reach to minimize spillage. Service intervals are extended to reduce the times fluids are changed and handled. The hydraulic oil fine filtration system attachment extends the service interval from 2,000 to 5,000 hours. Compatible with Cat HEES™ hydraulic bio-oil for ecologically sensitive applications. Hydraulic oil service interval can be extended to 8,000 hours with the S·O·S℠ program. Finally, the Cat Extended Life Coolant extends service up to 8,000 hours so there is less need for fluid disposal.

Hydraulics

Cat hydraulics deliver power and precise control to keep material moving.

Component Layout

The component location and hydraulic system design provide the highest level of system efficiency. The main pumps, control valve and hydraulic tank are located as close to each other as possible. This design makes it possible to use shorter tubes and lines between components, reducing friction losses and pressure drops.

Hydraulic Cross Sensing System

The hydraulic cross sensing system utilizes each of two hydraulic pumps to 100%, under all operating conditions. This improves productivity with faster implement speeds and quicker, stronger pivot turns.

Pilot System

The pilot pump is independent from the main pumps and controls the front linkage, swing and travel operations.

Boom and Stick Regeneration Circuit

Boom and stick regeneration circuit saves energy during boom-down and stick-in operation which increases efficiency, reduces cycle times and pressure loss for higher productivity, lower operating costs and increased fuel efficiency.

Heavy Lift Mode*

Maximizing lifting performance and boosting the lifting capability. Heavy loads can be easily moved in the full working range of the machine maintaining excellent stability.

Hydraulic Cylinder Snubbers

Located at the rod end of the boom cylinders and both ends of the stick cylinders to cushion shocks while reducing sound levels and extending component life.

**Offering varies for different regions*

Operator Station

Designed for simple, easy operation and comfort, the 340D L allows the operator to focus on production.

The spacious, quiet and comfortable operator station assures high productivity during a long work day.

- Switches, dials and controls are conveniently located within easy reach of the operator.
- The monitor is easy to see and helps maximize visibility.
- The standard air suspension seats adjust to suit the operator's size and weight.
- The pressurized cab provides positive filtered ventilation and fresh or recirculated air can be selected.
- Visibility is maximized with the elimination of window frames for all glass except the rear window. A large, polycarbonate skylight offers excellent upward visibility.

Hydraulic Activation Control Lever

For added safety, the hydraulic activation control lever must be in the operate position to activate the machine control functions.

Controls

The 340D L uses pilot operated control levers positioned so the operator can operate with arms on the armrests. The vertical stroke is longer than the horizontal to reduce operator fatigue.

Prestart Check and Monitor Display

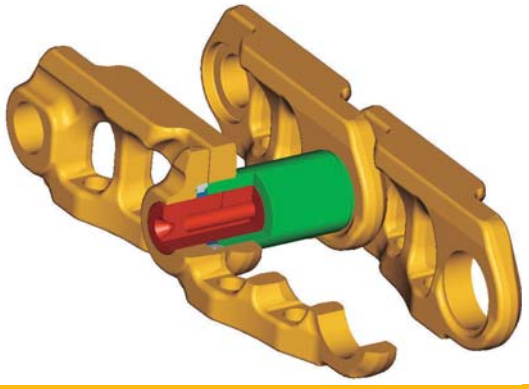
Prior to starting the machine, the system checks for low engine oil, hydraulic oil and engine coolant fluid levels and will warn the operator through a color Liquid Crystal Display (LCD) monitor. The LCD monitor displays vital operating and performance information in 27 different languages for operator convenience.

Cab Exterior

The exterior design uses thick steel tubing along the bottom perimeter of the cab, improving the resistance of fatigue and vibration. This design allows the FOGS to be bolted directly to the cab, enabling the machine to meet specifications and job site requirements.

Cab Mounts

The cab shell is attached to the frame with viscous rubber cab mounts, which dampen vibrations and sound levels while enhancing operator comfort.



Structure

340D L HDHW structural components and undercarriage are the backbone of the machine's durability.

Structures

Proven structural manufacturing techniques, assure outstanding durability and service life from these important components.

Robotic Welding

Up to 95% of the structural welds on a Cat Excavator are completed by robots. Robotic welds achieve over three times the penetration of manual welds.

Heavy-duty High Wide Carbody Design and dedicated Track Roller Frames

X-shaped, box-section carbody provides excellent resistance to torsional bending. Robot-welded track roller frames are press-formed, pentagonal units to deliver exceptional strength and service life.

HDHW Undercarriage

The wide and durable Cat undercarriage absorbs stresses and provides excellent stability. Additionally, the high ground clearance is ideal in rocky environments, bringing the upper frame in a safer high position.

Rollers and Idlers

Sealed and lubricated track rollers, carrier rollers, and idlers provide excellent service life, to keep the machine in the field longer.

Long Undercarriage

The long undercarriage (L) maximizes stability and lift capacity. This long, wide and sturdy undercarriage offers a very stable work platform.

Tracks

The 340D L comes standard with grease lubricated tracks. The track links are assembled and sealed with grease to decrease internal bushing wear, reduce travel noise and extend service life lowering operating costs.

Electronic Control System

Manages the engine and hydraulics for maximum performance.

Monitor Display Screen

The monitor is a full color 400×234 pixels Liquid Crystal Display (LCD) graphic display.

The Master Caution Lamp blinks ON and OFF when one of the critical conditions below occurs:

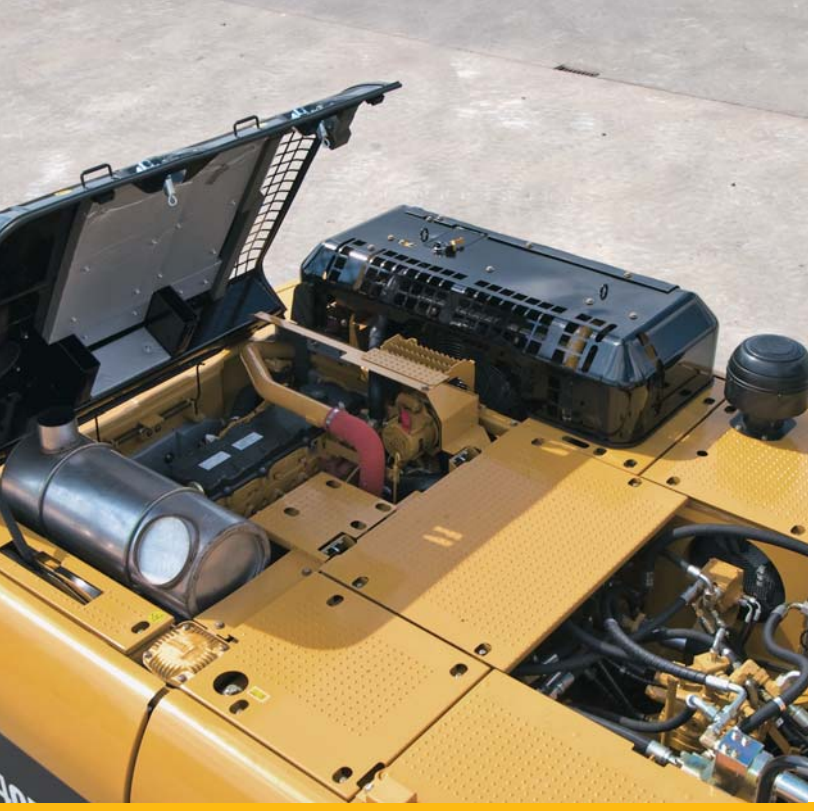
- Engine oil pressure low
- Coolant temperature high
- Hydraulic oil temperature high

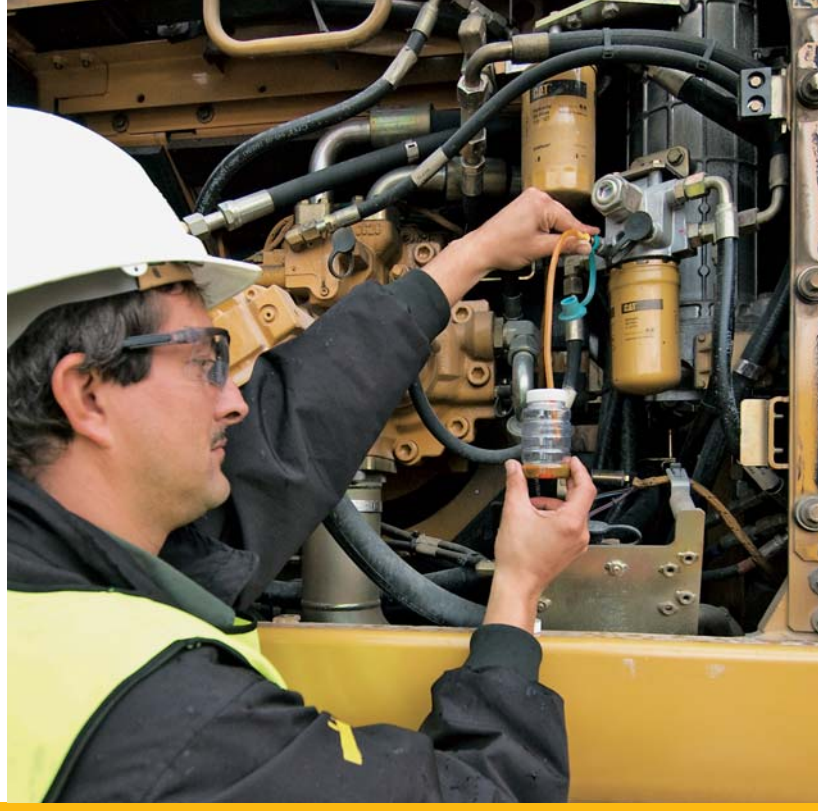
By pressing the “OK” button, the operator can toggle between this screen and the machine information display, divided in four different areas:

- **Clock and Throttle Dial Area.** The clock and the throttle dial position are in this area and the gas station icon with green color is also displayed.
- **Gauge Area.** Three analog gauges, fuel level, hydraulic oil temperature and coolant temperature, are displayed in this area.
- **Event Display Area.** Machine information is displayed in this area with the icon and language.
- **Multi-information Display Area.** This area is reserved for displaying information that is convenient for the operator. The “Cat” logo mark is displayed when information to display does not exist.

Keypad

The keypad allows operator to select machine operation conditions and to set view preferences.





Service and Maintenance

Simplified service and maintenance save you time and money.

Extended Service Intervals

Extended service and maintenance intervals increase machine availability. The maintenance intervals for engine oil and engine oil filter have been extended to 500 hours.

Capsule Filter

The hydraulic return filters are located in the hydraulic tank. The filter elements are removable without spilling hydraulic oil.

Pilot Hydraulic System Filter

Pilot hydraulic system filter keeps contaminants from the pilot system and is located in the pump compartment.

Radial Seal Main Air Cleaner

Radial seal main air cleaner with precleaner has a double-layered filter element for more efficient filtration. No tools are required to change the element.

Fuel-Water Separator

The water separator has a primary fuel filter element and is located in the air cleaner compartment for easy access from the ground.

Service Points

Service points are centrally located with easy access to facilitate routine maintenance.

Oil Sample and Pressure Ports

Oil sample and pressure ports provide easy checking of machine condition and are standard on every machine.

Greasing Points

A concentrated remote greasing block on the boom delivers grease to hard-to-reach locations.

Complete Customer Support

Cat dealer services help you operate longer with lower costs.

Machine Selection

Make detailed comparisons of the machines you are considering before you buy. What are the job requirements, machine attachments and operating hours? What production is needed? Your Cat dealer can provide recommendations.

Purchase

Consider the financing options available as well as day-to-day operating costs. This is also the time to look at dealer services that can be included in the cost of the machine to yield lower equipment owning and operating costs over the long run.

Customer Support Agreements

Cat dealers offer a variety of product support agreements, and work with customers to develop a plan the best meets specific needs. These plans can cover the entire machine, including attachments, to help protect the customer's investment.

Operation

Improving operating techniques can boost your profits. Your Cat dealer can help you maximize the return on your investment by offering certified operator training classes and informative media.

Product Support

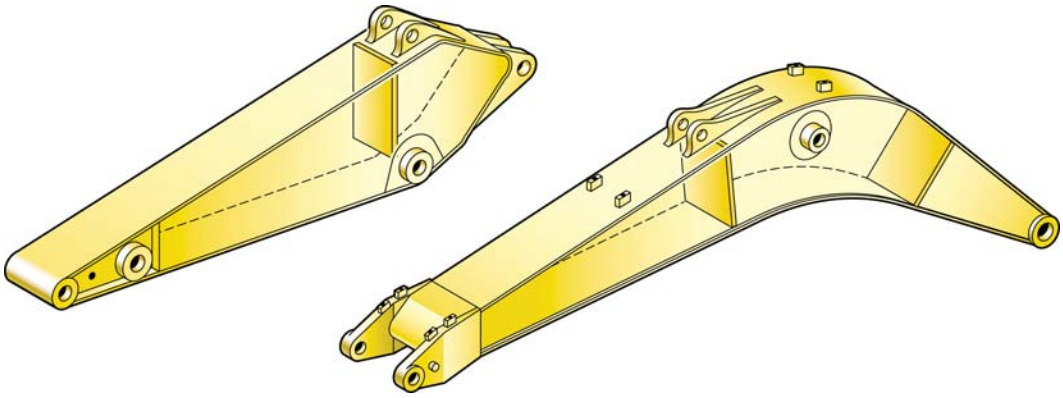
You will find nearly all parts at our dealer parts counter. Cat dealers utilize a worldwide computer network to find in-stock parts to minimize machine downtime. You can save money with Cat remanufactured components.

Maintenance Services

Repair option programs guarantee the cost of repairs up front. Diagnostic programs such as Scheduled Oil Sampling, Coolant Sampling and Technical Analysis help you avoid unscheduled repairs.

Replacement

Repair, rebuild or replace? Your Cat dealer can help you evaluate the cost involved so you can make the right choice.



Booms, Sticks and Linkage

Designed for flexibility, high productivity, and efficiency in a variety of applications.

Front Linkage Attachments

A choice of two boom types and three stick lengths enable you to configure the machine to match your specific application needs for maximum performance. All booms and sticks undergo a stress relieving process for greater durability.

Boom Construction

The booms have large cross-sections and internal baffle plates to provide long life durability.

HD Reach Boom

The heavy duty reach boom (6500 mm) is designed to balance reach, digging force and bucket capacity, offering a wide range of applications as digging, loading, trenching and working with hydraulic tools.

Mass Excavation Boom

The mass excavation boom (6180 mm) is designed to help reduce machine cycle times during continual truck loading applications to maximize productivity.

Stick Construction

Sticks are made of high-tensile strength steel using a large box section design with interior baffle plates and an additional bottom guard to protect against damage.

Reach Sticks*

- R3.2DB. This stick provides the most versatile front linkage.
- R2.8DB. Suitable for the high-capacity buckets used in trenching, excavation and general construction work.

Mass Sticks

M2.5TB1 mass excavation stick is available for higher digging forces and increased bucket capacity. It is designed for high volume earth moving, they deliver outstanding productivity.

Bucket Linkage

Two bucket linkages (DB and TB) are available.

Power Link

The new power link improves durability, increases machine-lifting capability in key lifting positions, and is easier to use compared to the previous lift bar design.

**Offering varies for different regions*

Work Tools

Solutions for your business.

Increase Machine Versatility

The Cat combination of machine and tool provides a total solution for just about any application. Work tools can be mounted directly to the machine or a quick coupler can be added, making it quick and easy to release one work tool and pick up another.

Couplers

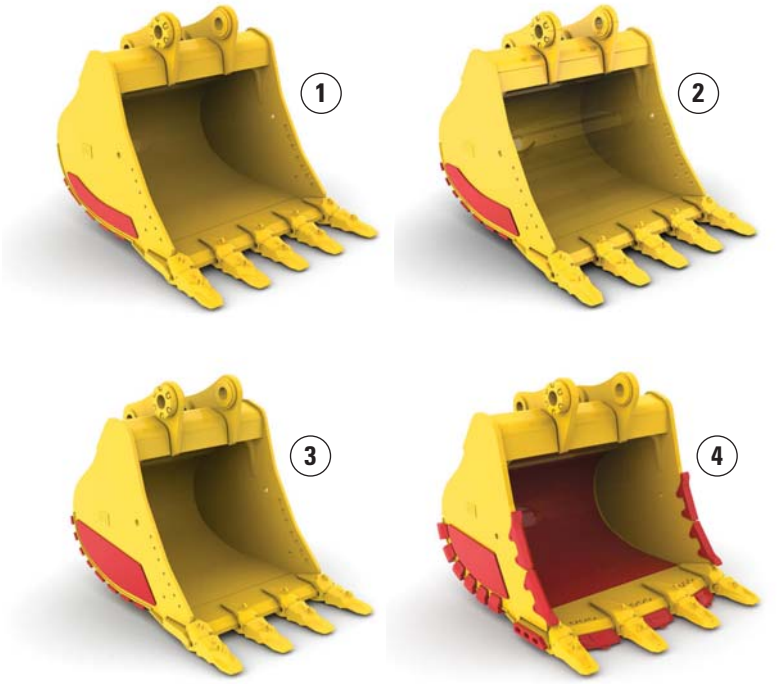
Caterpillar offers quick coupler for 340D L to allow quick tool change.

Work Tools

An extensive range of Cat Work Tools for the 340D includes buckets, hammers, grapples, and rippers. Each are designed to optimize the versatility and performance of your machine. Cat Work Tools and couplers are ready to work in a variety of applications, such as site and structure demolition, debris clean-up, truck loading, scrap processing, breaking road surfaces and bed rock.

Hydraulic Kits

Caterpillar offers field-installed hydraulic kits designed to simplify the process of ordering and installing the right kit. Modular kit designs integrate Cat Work Tools with Cat Hydraulic Excavators. Every kit is easy to install. Hoses are pre-made, tubes are pre-bent and pre-painted and there are comprehensive instructions.



Buckets and Teeth

Designed and built for total system performance.

Optimized Package

Caterpillar offers a wide range of buckets, each designed and field tested to function as an integral part of your excavator. All Cat Buckets feature K Series™ or J Series GET (Ground Engaging Tools)*. Buckets are available in four levels of durability and are built to take full advantage of the machine's power.

General Duty (GD)

General Duty buckets are designed for use in low impact, lower abrasion materials such as dirt, loam and mixed compositions of dirt and fine gravel.

Heavy Duty (HD)

Heavy Duty buckets are the most popular and a good "centerline" choice. This bucket style is a good starting point when application conditions are not known. Heavy Duty buckets are designed for a wide range of impact and abrasion conditions including mixed dirt, clay and rock.

Severe Duty (SD)

Severe Duty buckets are designed for higher abrasion conditions such as shot granite. When compared to the Heavy Duty bucket, wear bars and wear plates are substantially thicker and larger for added protection.

Extreme Duty (XD)

Extreme Duty buckets are designed for very high abrasion conditions such as granite quarries. Corner shrouds have been added and side wear plates are larger for added protection.

1) General Duty 2) Heavy Duty 3) Severe Duty 4) Extreme Duty

**Offering varies for different regions*

340D L Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C9 with ACERT™ Technology
Net Power at 1,800 rpm	
ISO 9249	200 kW (272 hp)
ISO 14396	209 kW (285 hp)
Gross Power (SAE J1995)	213 kW (290 hp)
Bore	112 mm
Stroke	149 mm
Displacement	8.8 L

- All engine horsepower (hp) are metric including front page.
- The C9 engine meets U.S. EPA Tier 2, Euro Stage II and China Stage II regulations.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator.
- Full engine net power up to 2300 m altitude (engine derating required above 2300 m).

Weights

Operating Weight	38 080 to 38 585 kg

Track Width

Undercarriage with Double Grouser Shoes	600 mm

Swing Mechanism

Swing Speed	10 rpm
Swing Torque	108.6 kN·m

Drive

Maximum Travel Speed	5.0 km/h
Maximum Drawbar Pull	300 kN

Hydraulic System

Main System	
Maximum Flow	2 × 280 L/min
Maximum Pressure	
Normal	350 bar
Heavy Lift	360 bar
Travel	350 bar
Swing	280 bar
Pilot System	
Maximum Flow	43 L/min
Maximum Pressure	39 bar
Boom Cylinder	
Bore	150 mm
Stroke	1440 mm
Stick Cylinder	
Bore	170 mm
Stroke	1738 mm
DB Family Bucket Cylinder	
Bore	150 mm
Stroke	1151 mm
TB1 Family Bucket Cylinder	
Bore	160 mm
Stroke	1356 mm

Service Refill Capacities

Fuel Tank	620 L
Cooling System	40 L
Engine Oil	40 L
Swing Drive (each)	19 L
Final Drive (each)	8 L
Hydraulic System (including tank)	410 L
Hydraulic Tank	310 L

Sound Performance

Performance	ANSI/SAE J1166 OCT 98

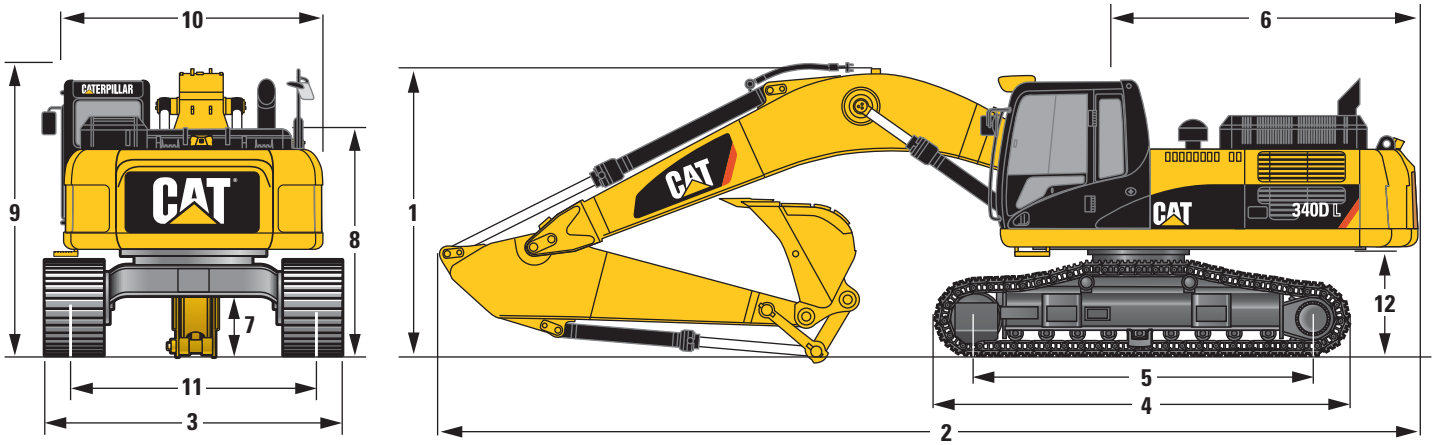
- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT 98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in noisy environment.

Standards

Cab/FOGS	Meets ISO 10262

Dimensions

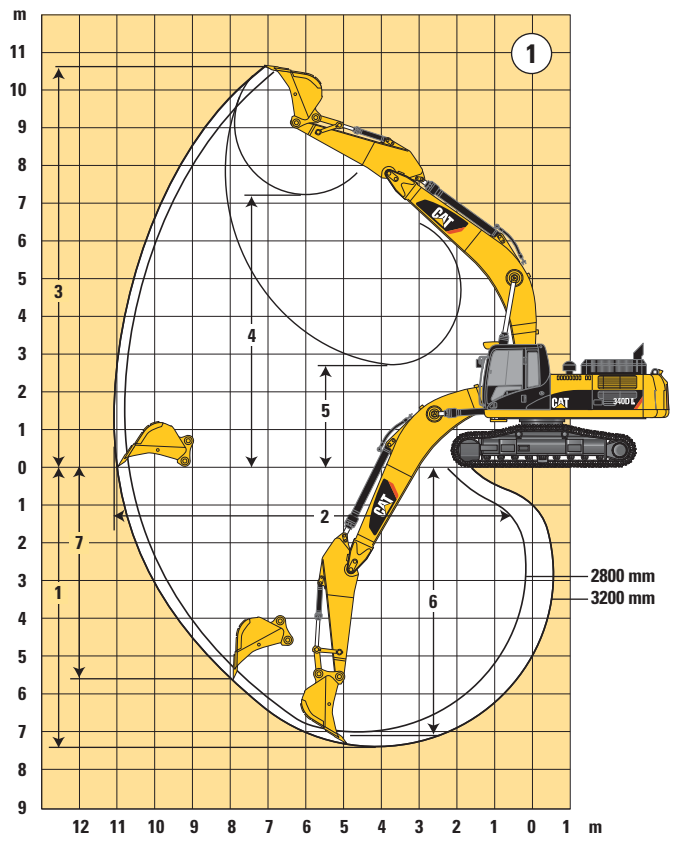
All dimensions are approximate.

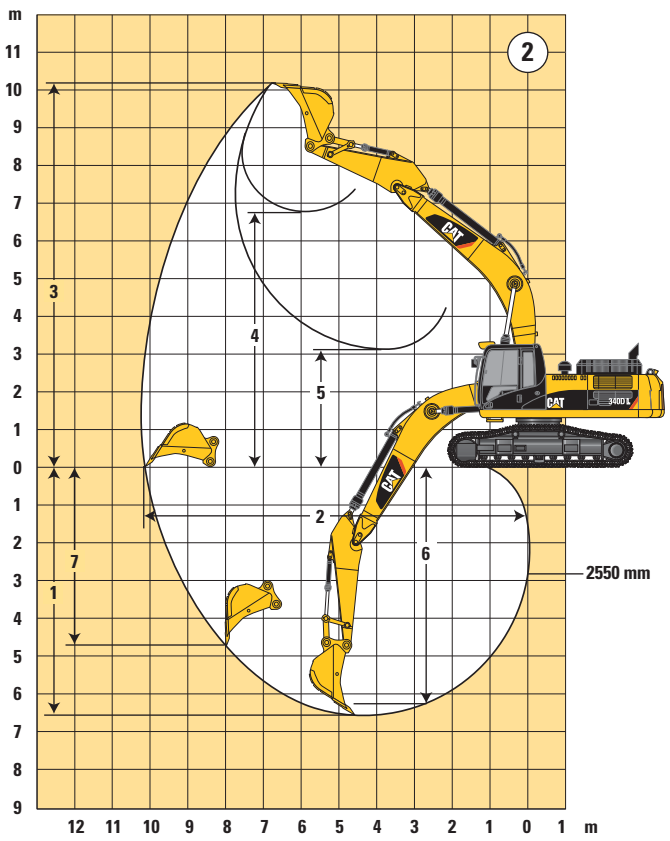


	mm
1 Shipping Height (with bucket)	
Reach Boom	
2800 mm Stick	3690
3200 mm Stick	3590
Mass Excavation Boom	
2550 mm Stick	3700
2 Shipping Length	
Reach Boom	
2800 mm Stick	11 200
3200 mm Stick	11 150
Mass Excavation Boom	
2550 mm Stick	10 860
3 Track Width	
600 mm Shoes	3520
4 Track Length	5066
5 Length to Centers of Rollers	4040
6 Tail Swing Radius	3500
7 Ground Clearance	743
8 Body Height	2993
9 Cab Height	
Without FOGS	3420
10 Body Width	2960
11 Track Gauge	2920
12 Counterweight Clearance	1500

340D L Hydraulic Excavator Specifications

Working Ranges





		1 HD Reach Boom (6500 mm)		2 Mass Excavation Boom (6180 mm)
Stick Type		**R2.8DB**	**R3.2DB**	**M2.5TB**
Stick Length	mm	2800	3200	2550
1 Maximum Digging Depth	mm	6922	7322	6434
2 Maximum Reach at Ground Level	mm	10 780	11 084	10 267
3 Maximum Cutting Height	mm	10 620	10 550	10 260
4 Maximum Loading Height	mm	7274	7277	6833
5 Minimum Loading Height	mm	3177	2771	3140
6 Maximum Digging Depth 2500 mm Level Bottom	mm	6645	7035	6255
7 Maximum Vertical Wall Digging Depth	mm	5650	5712	4820
Bucket Tip Radius	mm	1870	1870	1956
Bucket Forces (ISO 6015)	kN	176	176	218
Stick Forces (ISO 6015)	kN	175	158	180

Machine and Major Component Weights

Actual weights and ground pressures will depend on final machine configuration.

		HD Reach Boom 6500 mm		Mass Excavation Boom 6180 mm
Stick Type		**R2.8DB**	**R3.2DB**	**M2.5TB**
Stick Length	mm	2800	3200	2550
Bucket Weight	kg	1910	1910	2290
Bucket Capacity	m^3	1.88	1.88	2.14
Bucket Width/Type	mm	1570	1570	1551
Operating Weight*	kg	38 080	38 230	38 585
Ground Pressure	bar	0.71	0.71	0.71
Stick Weight (without bucket cylinder)	kg	1190	1260	1310
Boom Weight (without stick cylinder)	kg	3020		2800
Upperstructure (without counterweight)	kg	8710		8710
Undercarriage	kg	14 790		14 790
Counterweight	kg	6260		6260

340D L Hydraulic Excavator Specifications

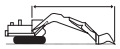
Lift Capacities – HD Reach Boom (6500 mm)**

All weights are in kg, without bucket, with quick coupler, heavy lift on.

 Load Point Height

 Load Radius Over Front

 Load Radius Over Side

 Load at Maximum Reach

Medium Short Stick – 2800 mm

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
																m
9.0 m	kg													*7770	*7770	6.66
7.5 m	kg									*7750	*7750			*7150	*7150	7.92
6.0 m	kg									*7940	*7940			*6940	6110	8.74
4.5 m	kg					*12 670	*12 670	*9960	*9960	*8590	7770	*7890	5720	*6980	5450	9.24
3.0 m	kg					*15 930	*15 930	*11 530	10 460	*9410	7450	7900	5580	7240	5110	9.48
1.5 m	kg					*18 070	15 210	*12 830	9930	*10 150	7160	7740	5430	7140	5010	9.48
0 m	kg					*18 650	14 820	*13 540	9600	10 020	6950	7640	5340	7360	5140	9.23
–1.5 m	kg			*13 370	*13 370	*18 130	14 770	*13 510	9470	9930	6870			7980	5570	8.72
–3.0 m	kg			*18 860	*18 860	*16 630	14 930	*12 610	9540	*9620	6940			*8810	6490	7.90
–4.5 m	kg			*18 230	*18 230	*13 730	*13 730	*10 240	9830					*8690	8560	6.63

Medium Stick – 3200 mm

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
																m
9.0 m	kg													*6080	*6080	7.07
7.5 m	kg									*7190	*7190			*5670	*5670	8.27
6.0 m	kg									*7490	*7490	*5950	5870	*5550	*5550	9.05
4.5 m	kg							*9400	*9400	*8190	7840	*7530	5770	*5630	5190	9.54
3.0 m	kg					*15 030	*15 030	*11 030	10 570	*9070	7500	7920	5600	*5870	4860	9.78
1.5 m	kg					*17 520	15 370	*12 470	9990	*9890	7180	7740	5430	*6320	4760	9.77
0 m	kg			*8280	*8280	*18 520	14 830	*13 350	9600	10 010	6940	7610	5310	6980	4870	9.54
–1.5 m	kg	*9640	*9640	*13 790	*13 790	*18 340	14 690	*13 530	9430	9880	6820	7570	5270	7520	5230	9.04
–3.0 m	kg	*15 110	*15 110	*19 190	*19 190	*17 150	14 790	*12 890	9440	9900	6840			*8620	6020	8.25
–4.5 m	kg			*20 020	*20 020	*14 680	*14 680	*11 040	9660					*8750	7710	7.04

*Limited by hydraulic rather than tipping load.

**Lifting capability increases about 3% when heavy lift mode on.

The above loads are in compliance with hydraulic excavator lift capacity ratings standard ISO 10567, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

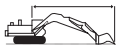
Lift Capacities – Mass Excavation Boom (6180 mm)**

All weights are in kg, without bucket, with quick coupler, heavy lift on.

 Load Point Height

 Load Radius Over Front

 Load Radius Over Side

 Load at Maximum Reach

Medium Stick – 2550 mm

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
																m
7.5 m	kg													*6570	*6570	7.26
6.0 m	kg							*8960	*8960	*8360	7860			*6350	*6350	8.15
4.5 m	kg			*19 420	*19 420	*12 760	*12 760	*10 180	*10 180	*8870	7640			*6410	5930	8.69
3.0 m	kg					*15 880	*15 880	*11 650	10 350	*9590	7340			*6700	5510	8.95
1.5 m	kg					*18 000	15 140	*12 890	9830	10 140	7060			*7270	5390	8.94
0 m	kg			*9850	*9850	*18 560	14 740	*13 510	9510	9940	6870			7990	5560	8.68
–1.5 m	kg			*17 690	*17 700	*17 890	14 690	*12 320	9400	9880	6820			8790	6100	8.13
–3.0 m	kg			*19 640	*19 640	*16 030	14 900	*12 070	9510					*9300	7310	7.24
–4.5 m	kg			*16 290	*16 290	*12 310	*12 310							*8950	*8950	5.83

*Limited by hydraulic rather than tipping load.

**Increases about 3% when heavy lift mode on.

The above loads are in compliance with hydraulic excavator lift capacity ratings standard ISO 10567, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

340D L Standard Equipment

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

Electrical
Alternator – 80 amp
Heavy duty maintenance free batteries (2)
Lights working
  Boom, both sides
  Cab interior
  Cab mounted, two
Signal/warning horn

Engine
Automatic engine speed control
Cat C9 engine
  Altitude capability to 2300 m
Fuel filter
High ambient cooling
Prefilter, air
Secondary engine shut-off switch
Side-by-side cooling system with separately mounted AC condenser
Water separator, with level indicator, for fuel line

Guards
Full length track guiding guards (two piece)
Swivel guard on undercarriage
Heavy duty bottom guards on upper frame
Heavy duty travel motor guards on undercarriage

Operator Station
Adjustable armrest
Air conditioner, heater and defroster with automatic climate control
Ashtray and 24 volt lighter
Beverage/cup holder
Bolt-on FOGS capability
Capability to install 2 additional pedals
Coat hook
Floor mat, washable
Instrument panel and gauges with full color graphical display, start-up level checks
Laminated front windshield
Literature compartment
Mirrors – left and right
Neutral lever (lock out) for all controls
Positive filtered ventilation, pressurized cab
Rear window, emergency exit
Retractable seat belt
Sliding upper door window
Stationary skylight (polycarbonate)
Storage compartment suitable for a lunch box
Sunshade for windshield and skylight
Travel control pedals with removable hand levers
Windshield wiper and washer (upper and lower)

Undercarriage
Automatic swing parking brake
Automatic travel parking brake
Grease lubricated track
Hydraulic track adjusters
Idler and center section track guards
Steps – four
Two speed travel
Shoes
  Double grouser, 600 mm

Other Standard Equipment
Auxiliary hydraulic valve for hydro-mechanical tools
Cat branded XT hoses and reusable couplings
Cat Datalink and capability to use ET
Cat one key security system with locks for doors, cab and fuel cap
Cross-roller type swing bearing
Counterweight with lifting eyes
Drive for auxiliary pump
Heavy lift mode*
Product Link*
Regeneration circuit for boom and stick
S·O·S℠ quick sampling valves for engine oil, hydraulic oil and coolant
Steel firewall between engine and hydraulic pump compartment

**Offering varies for different regions*

340D L Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

Front Linkage

Bucket linkages
- DB-family for DB sticks
- TB-family for TB sticks

Buckets and quick coupler (see pages 12 and 13)

Booms (with two working lights)
- HD Reach
  - – 6500 mm
- Mass excavation
  - – 6180 mm

Sticks
- For reach boom*
  - – R2.8DB (2800 mm)
  - – R3.2DB (3200 mm)
- For mass boom
  - – M2.5TB1 (2550 mm)

Operator Station

Joysticks
- Four button joystick or single action auxiliary control

Lunch box storage with lid

Radio
- AM/FM radio mounted in right hand console with antenna and speakers
- Radio ready mounting at rear location including 24V to 12V converter

Seat
- Adjustable high-back seat with mechanical suspension

Windshield
- 1-piece
- 70-30 split, sliding

Auxiliary Controls and Lines

Auxiliary boom lines (high pressure for reach and mass booms)

Auxiliary stick lines (high pressure for reach and mass booms)

Basic control arrangements:
- – Single action (single action tool such as hammer, with direct return to tank)

Miscellaneous Options

Converters, 10 amp-12V
- – One

Starting aid for cold weather

Travel alarm

**Offering varies for different regions*

Notes

340D L Hydraulic Excavator

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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