

# 340F L

Hydraulic Excavator

2017



## Engine

Engine Model	Cat® C9.3 ACERT™
Power – ISO 9249	228 kW – 306 hp (310 PS)
Power – ISO 14396	234 kW – 314 hp (318 PS)

## Drive

Maximum Travel Speed	4.8 km/h
Maximum Drawbar Pull	291 kN

## Weights

Minimum Weight	40 100 kg
Maximum Weight	42 800 kg

**The 340F L is built to keep your production numbers up and your owning and operating costs down.**

*Not only does the machine's C9.3 ACERT engine meet EU Stage IV emission standards, but it does so while giving you all the power, fuel efficiency, and reliability you need to succeed.*

*The 340F L features a Heavy Duty High Wide Undercarriage (HDHW) that absorbs stresses and provides excellent stability and durability. Additionally, the high ground clearance is ideal in rock environments, bringing the upper frame in a safer high position. Where the real power comes in is through the hydraulic system. You can literally move tons of material all day long with a great deal of speed and precision.*

*When you add in a quiet operator environment that keeps you comfortable and productive, service points that make your routine maintenance quick and easy, and multiple Cat work tools that help you do a number of jobs very well, you simply won't find a better machine in this size class.*

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# Reliable and Productive

Power to move your material with speed and precision





### **Hydraulic Horsepower, a Cat Advantage**

When it comes to moving heavy material quickly and efficiently, you need hydraulic horsepower – the type of ground-breaking power the 340F L can deliver. Major hydraulic components like pumps and valves are located close together so shorter tubes and lines can be used. This design leads to less friction loss, reduced pressure drops, and more power to the ground for the work you need to get done.

The heavy lift mode increases machine system pressure to improve lift – a nice benefit in certain situations. Heavy lift mode also reduces engine speed and pump flow in order to improve controllability.

### **Control Like No Other**

Controllability is one of the main attributes of Cat excavators, and one of the key contributors to this is the main control valve. The valve opens slowly when your range of joystick lever movement is small and opens rapidly when movement is high. It puts flow where you need it when you need it, which leads to smoother operation, greater efficiency, and lower fuel consumption.

### **Auxiliary Hydraulics for Added Versatility**

Auxiliary hydraulics give you greater tool versatility so you can take on more work with just one machine, and there are several options from which you can choose. A quick coupler circuit, for example, allows you to switch from one tool to another in a matter of minutes.



# Fuel Efficient

Engineered to lower your operating costs



The Cat C9.3 ACERT engine meets Stage IV emission standards and it does so without interrupting your job process. Simply turn the engine on and go to work. It will look for opportunities in your work cycle to regenerate itself, and it will give you plenty of power for the task at hand – all to help keep your owning and operating costs to an absolute minimum.

### **A Smart Design for Any Temperature**

The 340F L features a side-by-side cooling system that allows you to put the machine to work in extremely hot and cold conditions. The system is completely separated from the engine compartment to reduce noise and heat. Plus it features easy-to-clean cores and a new variable-speed fan that reverses to blow out unwanted debris that may accumulate during your work day.

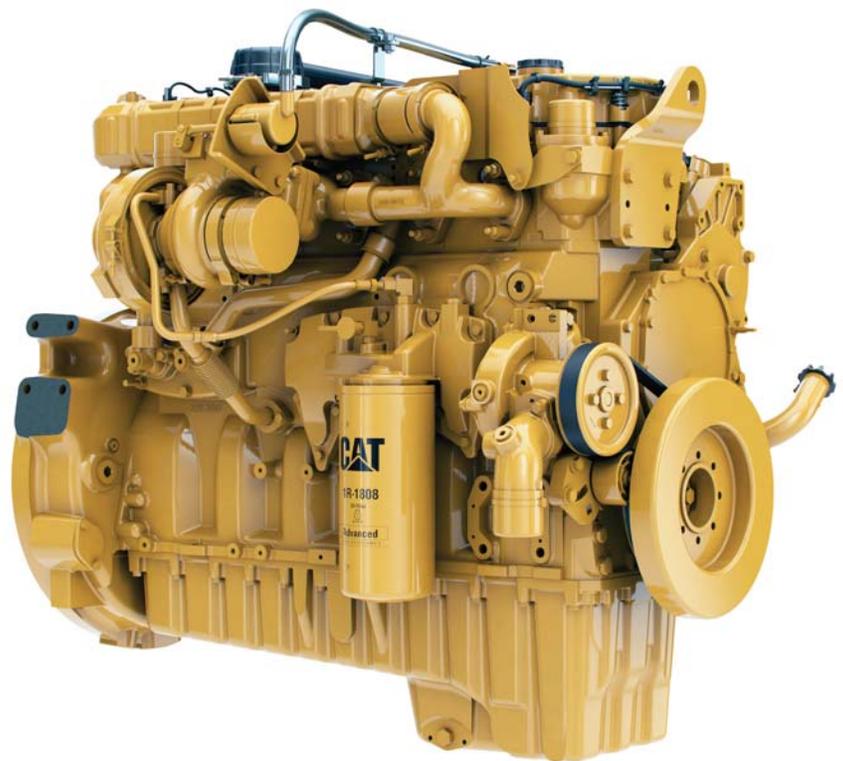
### **Biodiesel Not A Problem**

The C9.3 ACERT engine can run on biodiesel fuel up to B20 blended with ULSD. Just fill it up and go.

### **Proven Technology**

The right technologies fine-tuned for the right applications result in:

- **Improved Fuel Efficiency** over Stage IIIB products.
- **High Performance** across a variety of applications.
- **Enhanced Reliability** through commonality and simplicity of design.
- **Maximized Uptime and Reduced Cost** with world-class support from the Cat dealer network.
- **Minimized Impact of Emission Systems** – designed to be transparent to the operator without requiring interaction.
- **Durable Designs** with long life to overhaul.
- **Delivering Better Fuel Economy** with minimized maintenance costs while providing the same great power and response.



# Easy to Operate

Comfort and convenience to keep you productive all day long



## Safe and Quiet Cab

The cab contributes to your comfort thanks to special viscous mounts and special roof lining and sealing, that limit vibration and unnecessary sound.

Operators will enjoy the quietness and comfort of the all-new cab.

## Excellent Ergonomics

Wide seats with air suspension and heat/cooling options, include a reclining back, upper and lower slide adjustments, and height and tilt angle adjustments to meet your needs for maximum comfort.

The fully automatic climate control system keeps operators comfortable and productive all day long in either hot or cold weather.

Storage spaces are located in the front, rear, and side consoles of the cab. A drink holder accommodates a large mug, and a shelf behind the seat stores large lunch or toolboxes.

Power supply sockets are available for charging your electronic devices like an MP3 player, a cell phone, or even a tablet.

## Controls Just for You

The right and left joystick consoles can be adjusted to improve your comfort and productivity during the course of a day. The right joystick features a button that will reduce engine speed when you are not working to help save fuel. Touch it once and speed reduces; touch it again and speed increases for normal operation.



## Easy to Navigate Monitor

The new LCD monitor is easy to see and navigate. Not only can it memorize up to 10 different work tools, it's also programmable in up to 44 languages to meet today's diverse workforce. The monitor clearly displays critical information you need to operate efficiently and effectively. Plus it projects the image from the rearview camera to help you see what's going on around you so you can stay safely focused on the job at hand.

# Durable Structures

Made to work in your tough, heavy-duty applications



## Stable Undercarriage

The unique heavy duty high and wide undercarriage on the 340F L offers increased stability with larger buckets and higher productivity, compared to 336F L. The higher ground clearance increases operator visibility on truck and crusher, enabling higher operator productivity with faster cycles.

Track shoes, links, rollers, idlers, and final drives are all built with high-tensile strength steel for long-term durability.

Cat Grease Lubricated Track 2 (GLT2) track link protects moving parts by keeping water, debris, and dust out and grease sealed in, which delivers longer wear life and reduced noise when traveling.

Optional guide guards help maintain track alignment to improve the machine's overall performance – whether you're traveling on a flat, heavy bed of rock or a steep, wet field of mud.

## Robust Frames

The 340F L is designed with a unique heavy duty high and wide undercarriage, with a 7.0 mt counterweight and extreme service structures. The 340F L is a robust, well-built machine designed to give you a very long service life. It's also reinforced around areas that take on a lot of stress like the boom foot, skirt, and counterweight.

## Great Weight

Counterweight is built with thick steel plates and reinforced fabrications to make it less susceptible to damage, designed with curved surfaces that match the machine's sleek, smooth appearance along with integrated housings to help protect the rearview camera.



## Durable Linkages

Options to take on your far-reaching or up-close tasks

### Booms and Sticks for Any Job

The 340F L is offered with a range of booms and sticks. Each is built with internal baffle plates and is stress relieved for added durability, and each undergoes ultrasound inspection to ensure quality and reliability. Large box-section structures with thick, multi-plate fabrications, castings, and forgings are used in high-stress areas such as the boom nose, boom foot, boom cylinder, and stick foot to improve durability. Also, the boom nose pin retention method is a captured flag design for enhanced durability.

The Reach boom and sticks offer you excellent all-around versatility for general excavations work like multipurpose digging and loading.

The Mass boom and sticks offer your enhanced performance in heavy-duty material like rock. They provide higher digging forces due to special boom and stick geometry, and bucket linkage and cylinders are built for greater durability.

### Pins

All front linkage pins have thick chrome plating, giving them high wear resistance. Each pin diameter is made to distribute the shear and bending loads associated with the stick and to help ensure long pin, boom and stick life.

Talk to your Cat dealer to pick the best front linkage for your applications.

# Versatile

Do more jobs with one machine





## Get the Most from One Machine

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

## Change Jobs Quickly

Cat quick coupler brings the ability to quickly change attachments and switch from job to job. The Cat coupler is the secure way to decrease downtime and increase job site flexibility and overall productivity.

Available tool control remembers pressures and flows for up to 10 tools. Simply toggle through the monitor, select the tool, and go to work for maximum efficiency.

## Dig, Rip and Load

A wide range of buckets dig everything from basic top soil to extreme, harsh material like ore and high quartzite granite. Rip through rock as an alternative to blasting in quarries. High-capacity buckets load trucks in a minimum number of passes for maximum productivity.

## Break, Demolish and Scrap

A hydraulic hammer ably equips your machine for breaking rock in quarries. It will also make taking down bridge pillars and heavily reinforced concrete on road demolition jobs no problem.

Multi-processor and pulverizer attachments make your machine ideal for demolition jobs and processing the resulting debris.

Shears with 360° rotation mount to the machine for processing scrap steel and metal.

## Set Up Your Machine for Profitability

Your Cat dealer can install hydraulic kits to properly operate all Cat Work Tool attachments, maximizing the machine's uptime and your profit. All Cat Work Tool attachments are supported by the same Cat dealer network as your Cat machine.



1) Cat Quick Coupler 2) General Duty (GD) 3) Heavy Duty (HD)  
4) Severe Duty (SD) 5) Extreme Duty (XD)

# Cat Connect Technologies

Monitor, manage, and enhance job site operations



Cat Connect makes smart use of technology and services to improve your job site efficiency. Using the data from technology-equipped machines, you'll get more information and insight into your equipment and operations than ever before.

Cat Connect technologies offer improvements in these key areas:



EQUIPMENT  
MANAGEMENT

**Equipment Management** – increase uptime and reduce operating costs.



PRODUCTIVITY

**Productivity** – monitor production and manage job site efficiency.



SAFETY

**Safety** – enhance job site awareness to keep your people and equipment safe.

## LINK Technologies

LINK technologies, like Product Link™, are deeply integrated into your machine and wirelessly communicates key information, including location, hours, fuel usage, idle time and event codes.

## Product Link/VisionLink®

Easy access to Product Link data via the online VisionLink user interface can help you see how your machine or fleet is performing. You can use this information to make timely, fact based decisions that can boost job site efficiency and productivity, and lower costs.



# Safe Work Environment

## Features to help protect you day in and day out



### Secure Contact Points

Multiple large steps as well as handrails will get you into the cab as well as a leg up to the compartments.

Extended handrails allow you to safely climb to the upper deck. Anti-skid plates on the surface of the upper structure, and the top of the storage box area, reduce your slipping hazards in all types of weather conditions. They can be removed for cleaning.



### Great Views

The new rearview and side-view cameras greatly enhance visibility behind and on the side of the machine to help the operator work more productively. A panoramic rearview is automatically displayed on the new multi-function monitor during reverse travel. As an option, a second display can be added, providing a dedicated full-time rearview of the job site.



### Smart Lighting

Halogen lights provide plenty of illumination. Cab and boom lights can be programmed to stay on for up to 90 seconds after the engine has been turned off to help you safely exit the machine. Optional High Intensity Discharge (HID) lights are available for enhanced night-time visibility.

### A Safe and Quiet Cab

The ROPS-certified cab provides you with a safe working environment. It also contributes to your comfort because it's attached to a reinforced frame with special viscous mounts that limit vibration and unnecessary sound. Add in special roof lining and sealing and you have a cab that's as quiet inside as any of today's highway trucks.

Optional Falling Object Guards (FOGS) further protect you from debris coming to the cab.



### Ground-Level Access

You can reach most routine maintenance items like fuel and oil filters, fluid taps, and grease points from the safety and convenience of ground level. Not only do compartments feature wide service doors designed to help prevent debris entry, but they also securely latch in place to help make your service work simpler.



## Serviceable

Designed to make your maintenance quick and easy

### Quick and Convenient Fluids Service

S-O-S<sup>SM</sup> oil sample and pressure ports provide easy checking of machine condition and are standard on every machine.

You can ensure fast, easy, and secure changing of engine and hydraulic oil with the QuickEvac<sup>TM</sup> option.

The fuel tank's drain cock makes it easy and simple for you to remove water and sediment during routine maintenance. Plus an integrated fuel level indicator pops up to help you reduce the possibility of fuel tank overfilling. An optional fast fill port accessible from ground level can make refueling even easier and faster.

An electric refueling pump allows you to refuel from other sources like a barrel or fuel reservoir when a fuel truck or regular fuel pump isn't on site. The pump automatically shuts off when the fuel tank is full.

### A Smart Cooling Design

The high-ambient cooling system features a fuel-saving variable-speed fan and a side-by-side-mounted radiator and oil and air coolers for easy cleaning.



### A Fresh Idea

When you select ventilation inside the cab, outside air enters through the fresh air filter. The filter is conveniently located on the side of the cab to make it easy to reach and replace, and it is protected by a lockable door that can be opened with the engine key.

# Complete Customer Care

Unmatched support makes the difference

## Worldwide Parts Availability

Cat dealers utilize a worldwide parts network to maximize your machines' uptime. Plus they can help you save money with Cat remanufactured components.

## Financial Options Just for You

Consider financing options and day-to-day operating costs. Look at dealer services that can be included in the machine's cost to yield lower owning and operating costs over time.

## What's Best for You Today...and Tomorrow

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

# Sustainable

## Generations ahead in every way

The 340F L is designed to compliment your business plan, reduce emissions and minimize the consumption of natural resources.

- The C9.3 ACERT engine meets Stage IV emission standards.
- The machine has the flexibility of running on either ultra-low-sulfur diesel (ULSD) fuel with 10 ppm of sulfur or less or up to biodiesel (B20) fuel blended with ULSD.
- An overfill indicator rises when the tank is full to help the operator avoid spilling.
- Quick fill ports with connectors ensure fast, easy, and secure changing of hydraulic oil.
- Major components are rebuildable, eliminating waste and saving money by giving the machine and/or major components a second life – and even a third life.
- Link technologies enable you to collect and analyze equipment and job site data so you can maximize productivity and reduce costs.
- The 340F L is an efficient, productive machine that's designed to conserve our natural resources for generations ahead.



# 340F L Hydraulic Excavator Specifications

## Engine

Engine Model	Cat C9.3 ACERT
Power – SAE J1995	238 kW – 319 hp (324 PS)
Power – ISO 9249	228 kW – 306 hp (310 PS)
Power – ISO 14396	234 kW – 313 hp (318 PS)
Bore	115 mm
Stroke	149 mm
Displacement	9.3 L

## Drive

Gradeability	30°/70%
Maximum Travel Speed	4.8 km/h
Maximum Drawbar Pull	291 kN

## Track

Track Options	850 mm 700 mm 600 mm
Number of Shoes (each side)	49 pieces
Number of Track Rollers (each side)	9 pieces
Number of Carrier Rollers (each side)	2 pieces

## Swing

Swing Speed	8.8 rpm
Swing Torque	109 kN·m
Maximum Swing Torque	134 kN·m

## Service Refill Capacities

Fuel Tank Capacity	620 L
Cooling System	43 L
Engine Oil (with filter)	32 L
Swing Drive (each)	19 L
Final Drive (each)	8 L
Hydraulic System Oil Capacity (including tank)	380 L
Hydraulic Tank Oil	175 L
DEF Tank	41 L

## Sound Performance

Exterior – ISO 6395*	106 dB(A)
Operator – SAE J1166/ISO 6396	73 dB(A)

- 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 a noisy environment.
- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.

\* As per European Union Directive 2000/14/EC as amended by 2005/88/EC.

## Hydraulic System

Maximum Flow	
Main System	570 L/min
Swing System	279 L/min
Pilot System	150 L/min
Maximum Pressure	
Equipment	35 000 kPa
Equipment (heavy lift)	38 000 kPa
Travel	35 000 kPa
Swing	28 000 kPa
Pilot System	4100 kPa
Boom Cylinder	
Bore	150 mm
Stroke	1440 mm
Stick Cylinder	
Bore	170 mm
Stroke	1738 mm
B1 Bucket Cylinder	
Bore	160 mm
Stroke	1356 mm

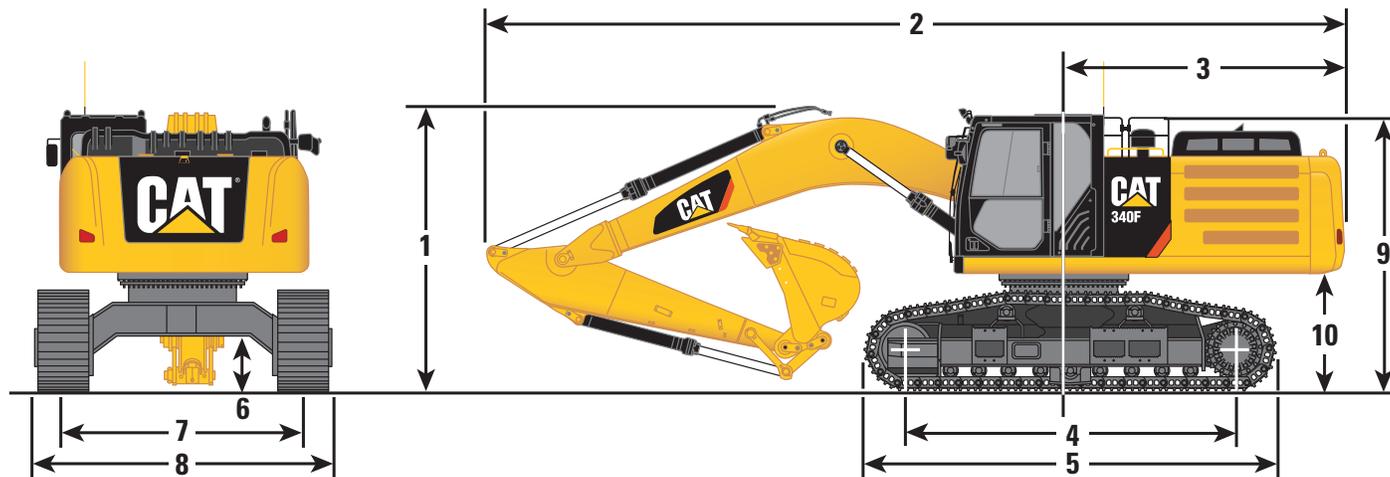
## Standards

Brakes	ISO 10265:2008
Cab/FOGS	ISO 10262:1998
Cab/ROPS	ISO 12117-2:2008
DEF	ISO 22241

# 340F L Hydraulic Excavator Specifications

## Dimensions

All dimensions are approximate.



### Boom Options

### Reach Boom

6.5 m

### Mass Boom

6.18 m

### Stick Options

### R3.2DB

### R2.8DB

### M2.55TB

Stick Options	R3.2DB	R2.8DB	M2.55TB
1 Shipping Height*	3470 mm	3690 mm	3670 mm
2 Shipping Length	11 090 mm	11 090 mm	10 830 mm
3 Tail Swing Radius	3500 mm	3500 mm	3500 mm
4 Length to Center of Rollers	4040 mm	4040 mm	4040 mm
5 Track Length	5020 mm	5020 mm	5020 mm
6 Ground Clearance**	720 mm	720 mm	720 mm
Ground Clearance*	690 mm	690 mm	690 mm
7 Track Gauge	2920 mm	2920 mm	2920 mm
8 Transport Width			
600 mm Shoes	3670 mm	3670 mm	3670 mm
700 mm Shoes	3670 mm	3670 mm	3670 mm
850 mm Shoes	3770 mm	3770 mm	3770 mm
9 Cab Height	3390 mm	3390 mm	3390 mm
Cab Height with Top Guard	3600 mm	3600 mm	3600 mm
10 Counterweight Clearance**	1450 mm	1450 mm	1450 mm
Bucket Type	GP	GP	SD
Bucket Capacity	2.28 m <sup>3</sup>	2.28 m <sup>3</sup>	2.41 m <sup>3</sup>
Bucket Tip Radius	1753 mm	1753 mm	1895 mm

Dimensions may vary depending on bucket selection.

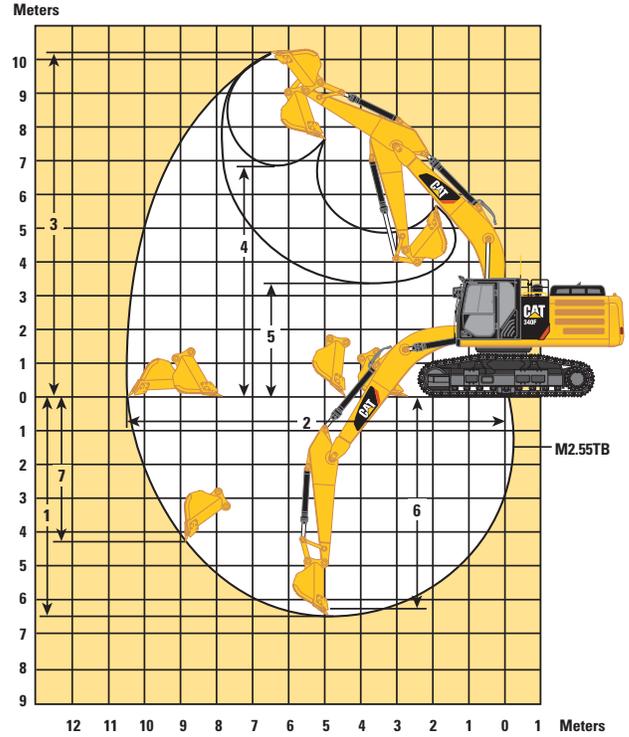
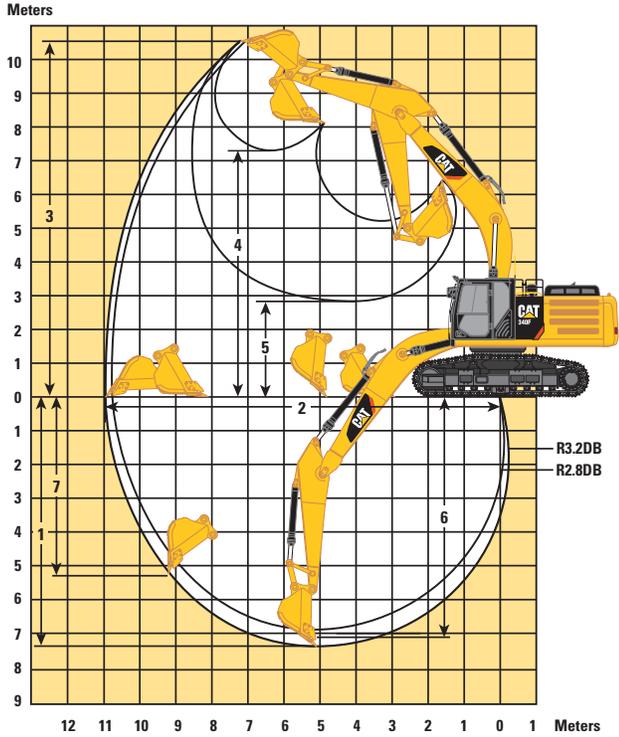
\*Including shoe lug height.

\*\*Without shoe lug height.

# 340F L Hydraulic Excavator Specifications

## Working Ranges

All dimensions are approximate.



### Boom Options

Stick Options	Reach Boom 6.5 m		Mass Boom 6.18 m
	R3.2DB	R2.8DB	M2.55TB
1 Maximum Digging Depth	7260 mm	6860 mm	6420 mm
2 Maximum Reach at Ground Level	10 970 mm	10 670 mm	10 460 mm
3 Maximum Cutting Height	10 550 mm	10 600 mm	10 200 mm
4 Maximum Loading Height	7340 mm	7340 mm	6850 mm
5 Minimum Loading Height	2840 mm	3240 mm	3370 mm
6 Maximum Depth Cut for 2440 mm Level Bottom	7100 mm	6690 mm	6250 mm
7 Maximum Vertical Wall Digging Depth	5270 mm	5240 mm	4220 mm
Bucket Digging Force (ISO)	209.7 kN	209.7 kN	261.3 kN
Stick Digging Force (ISO)	165.9 kN	184.6 kN	190.2 kN
Bucket Type	GP	GP	SD
Bucket Capacity	2.28 m <sup>3</sup>	2.28 m <sup>3</sup>	2.41 m <sup>3</sup>
Bucket Tip Radius	1753 mm	1753 mm	1895 mm

Dimensions may vary depending on bucket selection.

# 340F L Hydraulic Excavator Specifications

## Operating Weights and Ground Pressures

Boom	Stick	Bucket	850 mm Shoes (triple grouser)		700 mm Shoes (triple grouser)		600 mm Shoes (triple grouser)		600 mm Shoes (double grouser)	
			Weight kg	Ground Pressure kPa	Weight kg	Ground Pressure kPa	Weight kg	Ground Pressure kPa	Weight kg	Ground Pressure kPa
R6.5 m	R3.2DB	2.28 m <sup>3</sup>	41 500	54.6	40 400	64.5	40 200	74.9	41 000	76.4
R6.5 m	R2.8DB	2.28 m <sup>3</sup>	41 400	54.4	40 400	64.5	40 100	74.7	41 000	76.4
M6.18 m	M2.55TB	2.41 m <sup>3</sup>	42 800	56.3	41 700	66.6	41 500	77.3	42 300	78.8

## Major Component Weights

	kg
Base Machine (with boom cylinder, without counterweight, front linkage and track)	20 800
Counterweight	
7.0 mt	7000
Boom (includes lines, pins and stick cylinder)	
Reach Boom – 6.5 m	4400
Mass Boom – 6.18 m	4400
Stick (includes lines, pins, bucket cylinder and bucket linkage)	
R3.2DB	1900
R2.8DB	1800
M2.55TB	2100
Track Shoes (per two tracks)	
850 mm triple grouser	5400
700 mm triple grouser	4300
600 mm triple grouser	4100
600 mm double grouser	4900
Buckets	
2.28 m <sup>3</sup>	1500
2.41 m <sup>3</sup>	2500

All weights are rounded up to nearest 10 kg except for buckets.

Base machine includes 75 kg operator weight, 90% fuel weight and undercarriage with center guard.

# 340F L Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	Reach Boom		Mass Boom
		mm	m <sup>3</sup>	kg	%	R3.2DB	R2.8DB	M2.55TB
<b>Without Quick Coupler</b>								
General Duty (GD)	DB	1350	1.64	1173	100	●	●	
	DB	1650	2.11	1352	100	●	●	
	DB	1800	2.35	1453	100	●	●	
	TB	1500	2.14	1872	100			●
	TB	1650	2.41	2027	100			●
Heavy Duty (HD)	DB	1350	1.64	1481	100	●	●	
	DB	1500	1.88	1600	100	●	●	
	DB	1650	2.12	1730	100	●	●	
	TB	1650	2.41	2210	100			●
	TB	1750	2.60	2240	100			●
	TB	1800	2.69	2381	100			⊙
Severe Duty (SD)	DB	1650	2.14	1827	90	●	●	
	TB	1350	1.87	2065	90			●
	TB	1650	2.41	2385	90			●
Maximum load pin on (payload + bucket)					kg	6791	6820	7566

### Maximum Material Density

- 2100 kg/m<sup>3</sup>
- ⊙ 1800 kg/m<sup>3</sup>

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

# 340F L Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	Reach Boom		Mass Boom
		mm	m <sup>3</sup>	kg	%	R3.2DB	R2.8DB	M2.55TB
<b>With Quick Coupler (CW45, CW45s)</b>								
General Duty (GD)	DB	1050	1.17	986	100	●	●	
	DB	1200	1.40	1064	100	●	●	
	DB	1350	1.64	1143	100	●	●	
	DB	1500	1.87	1245	100	●	●	
	DB	1650	2.11	1324	100	●	●	
Heavy Duty (HD)	DB	1350	1.64	1417	100	●	●	
	DB	1500	1.88	1514	100	●	●	
	DB	1650	2.12	1647	100	●	●	
	TB	1650	2.41	2117	100			●
Severe Duty (SD)	DB	1050	1.17	1272	90	●	●	
	DB	1650	2.15	1802	90	●	●	
	TB	1350	1.87	1974	90			●
	TB	1650	2.41	2295	90			●
Maximum load with coupler (payload + bucket)					kg	6301	6330	7076

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

### Maximum Material Density

● 2100 kg/m<sup>3</sup>

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

# 340F L Hydraulic Excavator Specifications

## Work Tool Offering Guide\*

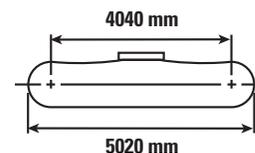
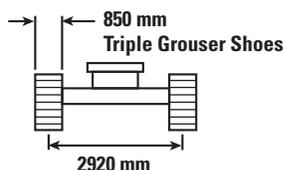
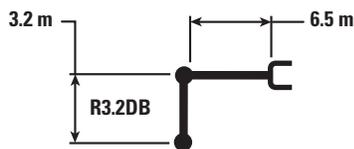
Boom Options	Reach Boom		Mass Boom
Stick Options	R3.2DB	R2.8DB	M2.55TB
Hydraulic Hammer	H140E s H160E s H180E s	H140E s H160E s H180E s	H140E s H160E s H180E s
Multi-Processor	MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw	MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw	MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw
Pulverizer	P235	P235	P235
Crusher	P335	P335	P335
Demolition and Sorting Grapple	G325B-D/R G330	G325B-D/R G330	G330
Mobile Scrap and Demolition Shear	S340B S365C	S340B S365C	S340B S365C
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110
Orange Peel Grapple			
Cat Quick Coupler	CW-45 CW-45S		

These work tools are available for the 340F L.  
Consult your Cat dealer for proper match.

\*Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

# 340F L Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On



		3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		mm		
9000 mm	kg											*7900	*7900	6610
7500 mm	kg							*8700	*8700			*7350	*7350	7860
6000 mm	kg							*8900	*8900			*7200	*7200	8690
4500 mm	kg			*14 000	*14 000	*11 050	*11 050	*9600	9450	*8850	7150	*7300	6900	9190
3000 mm	kg			*17 500	*17 500	*12 750	12 600	*10 500	9150	*9250	7000	*7600	6500	9430
1500 mm	kg			*19 750	18 250	*14 150	12 050	*11 300	8850	9350	6850	*8200	6400	9420
0 mm	kg			*20 350	17 850	*14 900	11 700	*11 750	8600	9250	6750	9000	6550	9170
-1500 mm	kg	*15 250	*15 250	*19 800	17 800	*14 850	11 600	*11 700	8550			9750	7100	8650
-3000 mm	kg	*23 650	*23 650	*18 150	17 950	*13 850	11 650	*10 650	8600			*10 000	8200	7810
-4500 mm	kg	*19 850	*19 850	*15 050	*15 050	*11 300	*11 300					*10 000	*10 000	6520



ISO 10567



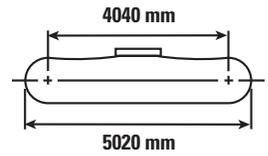
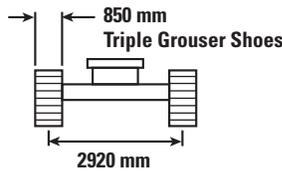
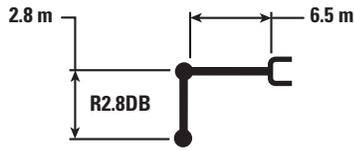
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with  $\pm 5\%$  for all available track shoes.

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

# 340F L Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On



Reach (mm)	Unit	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		mm		
		Diagram 1	Diagram 2											
9000 mm	kg											*9850	*9850	6170
7500 mm	kg											*9300	*9300	7500
6000 mm	kg					*10 200	*10 200	*9400	*9400			*9000	8050	8360
4500 mm	kg			*15 000	*15 000	*11 650	*11 650	*10 000	9400			*9050	7250	8880
3000 mm	kg			*18 400	*18 400	*13 250	12 450	*10 800	9100	9500	6950	9300	6800	9130
1500 mm	kg			*16 850	*16 850	*14 500	12 000	*11 500	8800	9350	6850	9200	6700	9120
0 mm	kg			*20 300	17 850	*15 000	11 700	*11 850	8650			9500	6900	8860
-1500 mm	kg	*14 700	*14 700	*19 400	17 900	*14 750	11 650	*11 600	8600			*10 100	7500	8320
-3000 mm	kg	*22 850	*22 850	*17 450	*17 450	*13 450	11 750					*10 200	8800	7440
-4500 mm	kg			*13 800	*13 800	*10 000	*10 000					*9800	*9800	6070



ISO 10567



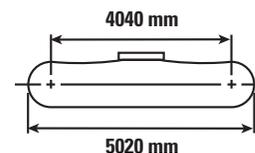
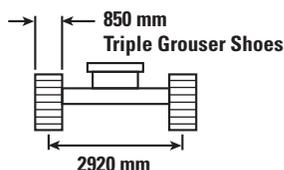
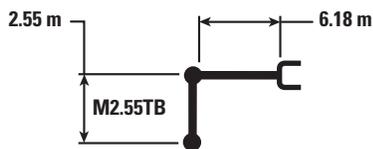
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

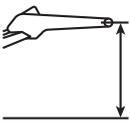
Lift capacity stays with ±5% for all available track shoes.

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

# 340F L Hydraulic Excavator Specifications

## Mass Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On



	3000 mm		4500 mm		6000 mm		7500 mm					
											mm	
7500 mm	kg					*10 150	*10 150			*9000	*9000	6770
6000 mm	kg					*10 650	*10 650	*9900	9350	*8650	*8650	7710
4500 mm	kg			*15 150	*15 150	*11 850	*11 850	*10 300	9150	*8700	7850	8280
3000 mm	kg			*18 300	*18 300	*13 300	12 250	*10 950	8900	*9050	7350	8540
1500 mm	kg			*20 000	17 900	*14 450	11 800	*11 500	8650	*9800	7200	8530
0 mm	kg			*19 950	17 650	*14 800	11 550	*11 650	8450	10 350	7450	8250
-1500 mm	kg	*19 650	*19 650	*18 800	17 700	*14 250	11 500	*10 950	8500	*10 600	8250	7670
-3000 mm	kg	*21 050	*21 050	*16 300	*16 300	*12 400	11 650			*10 500	10 100	6700



ISO 10567



\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with  $\pm 5\%$  for all available track shoes.

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

# 340F L Standard Equipment

## Standard Equipment

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

### ENGINE

- Cat C9.3 ACERT diesel engine
- Biodiesel capable, up to B20
- Meets Stage IV emission standards
- 2300 m altitude capability
- Electric priming pump with switch
- Automatic engine speed control
- Standard, economy and high power modes
- Water separator in fuel line including water level sensor and indicator
- Air cleaner
- Radial seal air filter
- Side-by-side cooling system
- Primary filter with water separator and water separator indicator switch
- Fuel differential indicator switch in fuel line
- Starting kit, cold weather, -18° C

### HYDRAULIC SYSTEM

- Boom and stick lowering control devices
- Reverse swing dampening valve
- Automatic swing parking brake
- High-performance hydraulic return filter
- Regeneration circuit for boom and stick
- Capability of installing additional auxiliary circuits
- Bio oil capable

### COUNTERWEIGHT

- 7.0 mt

### CAB

- Parallel wiper and washer
- Mirrors
- Pressurized operator station with positive filtration
- Sliding upper door window (left-hand cab door)
- Openable skylight

- Interior
  - Glass-breaking safety hammer
  - Coat hook
  - Beverage holder
  - Literature holder
  - Interior lighting
  - AM/FM radio mounting (DIN size)
  - Two 12V stereo speakers
  - Storage shelf suitable for lunch or toolbox
  - Power supply with 12V, two power outlets (10 amp)
  - Thumbwheel modulation joystick for use with combined auxiliary control
  - Sunscreen
  - Air conditioner, heater and defroster with climate control
- Seat
  - Adjustable high-back, heated seat with air suspension
  - Adjustable high-back, heated and ventilated seat with air suspension
  - Seatbelt, 51 mm
  - Adjustable armrest
  - Height adjustable joystick consoles
  - Neutral lever (lock out) for all controls
  - Travel control pedals with removable hand levers
  - Capability of installing two additional pedals
  - Two speed travel
  - Floor mat, washable
- Monitor
  - Clock
  - Video ready
  - Color LCD display with warning, filter/fluid change, and working hour information
  - Language display (full graphic and full color display)
  - Machine condition, error code and tool mode setting information
  - Start-up level check for engine oil, engine coolant and hydraulic oil
  - Warning, filter/fluid change and working hour information
  - Fuel consumption meter

### UNDERCARRIAGE

- Long and heavy-duty high wide undercarriage
- Grease Lubricated Track GLT2, resin seal
- Heavy-duty track rollers and idlers
- Towing eye on base frame
- Swivel guard
- Heavy-duty travel motor guard
- Heavy-duty bottom guard

### ELECTRICAL

- 80 amp alternator
- Circuit breaker
- Standard battery

### LIGHTS

- Cab and boom lights with time delay
- Exterior lights integrated into storage box

### SAFETY AND SECURITY

- Cat one key security system
- Door locks
- Cap locks on fuel and hydraulic tanks
- Lockable external tool/storage box
- Signaling/warning horn
- Secondary engine shutoff switch
- Mirrors
- Rear vision camera
- Capability to connect a beacon
- Bolt on FOGS capability
- Safety hammer for breaking cab glass

### INTEGRATED TECHNOLOGIES

- Product Link
- Rear vision camera

## Optional Equipment

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

### FRONT LINKAGE

- HD Reach boom 6.5 m
  - R3.2DB stick
  - R2.8DB stick
- Mass boom 6.18 m
  - M2.55TB stick
- Bucket linkage
  - DB family (with lifting eye)
  - TB family (with lifting eye)
- Quick coupler

### TRACK

- 850 mm triple grouser
- 700 mm triple grouser
- 600 mm triple grouser HD
- 600 mm double grouser

### GUARDS

- FOGS (Falling Object Guard System) including overhead and windshield guards
- Track guiding guards
  - Full length, two pieces
  - Center section

### LIGHTS

- Cab working lights, halogen

### CAB

- Cab front rain protector
- Windshield
  - 70-30 split, sliding, removable lower windshield with in cab storage bracket
  - One-piece, fixed
- Straight travel pedal

### HYDRAULIC SYSTEM

- HP hydraulic lines for boom and stick
- MP hydraulic lines for boom and stick
- QC hydraulic lines for boom and stick
- QC control
- SmartBoom

### ELECTRICAL

- Cold weather starting package
- Electric refueling pump with auto shut off, in storage box
- Travel alarm
- Beacon electrical outlet

### ENGINE

- Quick drains, engine and hydraulic oil (QuickEvac)

### INTEGRATED TECHNOLOGIES

- Side-view camera





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AEHQ8030-01  
Replaces AEHQ8030  
(EU)

