

340F UHD

Ultra High Demolition Hydraulic Excavator



Engine

Engine Model	Cat® C9.3 ACERT™	
Power – ISO 14396	234 kW	313 hp
Power – ISO 9249	228 kW	306 hp

Working Range

Maximum Pin Height	21 700 mm	71'2"
Maximum Weight at Stick Nose	3600 kg	7,936 lb

Operating Weights

Minimum Weight	49 000 kg	108,000 lb
Maximum Weight	50 500 kg	111,300 lb

The 340F UHD is the new high reach demolition machine designed and manufactured by Caterpillar, distributed through the Cat dealer network, offering the same warranty and unmatched product support as any other Cat product.

With its boom coupling system, you can easily and quickly install or remove high-reach and short front parts, making your demo jobs faster.

Caterpillar offers the best-in-class work tool capability – bigger and more versatile work tools for bigger and more versatile demolition applications.

When you add in a quiet and comfortable tilting cab, easy-to-reach maintenance points, and legendary product support, you simply won't find a better 50-ton choice for demolition.

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CAT
340F

Reliable and Productive

Power with speed and precision

Control Like No Other

The 340F UHD software automatically adapts itself to each configuration – UHD or Retrofit. When changing the front parts, the operator selects the appropriate configuration on the monitor for optimized controllability.

Quick and Easy Machine Reconfiguration

With its Caterpillar boom coupling system, you can install or remove high-reach and short front parts in less than 30 minutes, making your jobs faster.



UHD Configuration



Retrofit Configuration

Best-in-Class Capabilities

The UHD front can reach up to 22 m (72 ft) and is capable of carrying up to 3.6 mt (7,937 lb) at 14 m (46 ft) horizontal reach.

Dedicated Linkage and Quick Coupler for UHD

Because UHD applications require different working positions than standard applications, Caterpillar engineers developed a purpose-designed linkage for the UHD front parts. Besides providing an optimized working envelope, this linkage also greatly improves the tool controllability.

Smart Reliability and Comfort

Reduce stress with SmartBoom™ on front parts and work tools, which decreases vibrations transmitted to the machine and cab, especially during hammer work with the retrofit configuration.



Fuel Efficient

Engineered to lower your operating costs

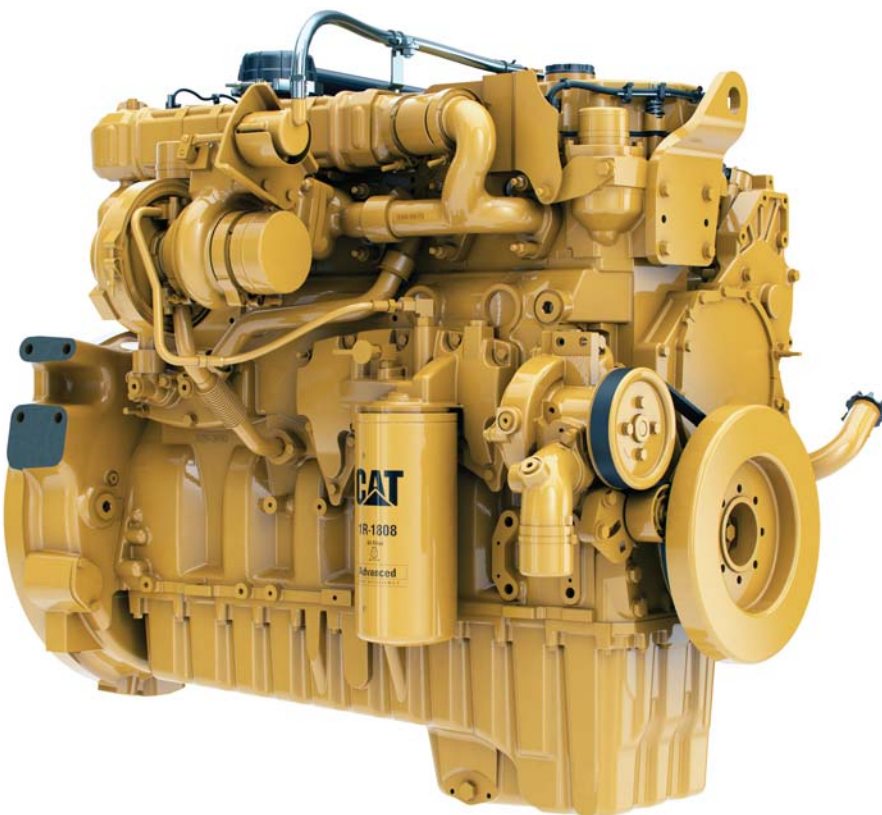
The Cat C9.3 ACERT engine meets U.S. EPA Tier 4 Final emission standards and it does so without interrupting your job process. Simply turn the engine on and go to work. It will look for opportunities in your work cycle to regenerate itself, and it will give you plenty of power for the task at hand – all to help keep your owning and operating costs to an absolute minimum.

Biodiesel Not a Problem

The C9.3 ACERT engine can run on biodiesel fuel up to B20 blended with ultra-low-sulfur diesel (ULSD). Just fill it up and go.

Reduce Your Owning and Operation Costs and Your Carbon Footprint

Save fuel, resulting in reduced emissions, and extend your service intervals with built-in auto engine shutdown. Simply plug in the interval you want right in the monitor and let the machine do the rest.



Easy to Operate

Comfort and convenience to keep you productive all day long



Safe and Quiet Cab

- Enjoy quietness and comfort with the dedicated demolition cab.
- Increase your upward visibility with the 30° tiltable cab during high-reach demolition.

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 LCD monitor is easy to read and navigate. Not only can it memorize up to 20 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 and side-view cameras to help you see what's going on around you so you can stay safely focused on the job at hand.



Helpful Stability Monitor

Cat active stability monitoring system continuously informs operator of work tool position within the safe working range, and warns him when approaching the stability limit.

Durable Structures

Made to work in your tough, heavy-duty applications



Stable Undercarriages

The 340F UHD is equipped with a Hydraulic Variable Gauge (HVG) undercarriage, which can be retracted below 3 m (9'10") for transport.

Dedicated swivel guard protects undercarriage against debris introduction.

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.

Booms and Sticks for Any Demolition Job

Both UHD and Retrofit front parts are built with internal baffle plates and are 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.

The Retrofit boom (in bent position) and stick offer you excellent all-around versatility for general excavations work like multipurpose digging and loading.

The Retrofit boom (in straight position) and stick offer enhanced performance in all applications above ground level.

Versatile

Do more jobs with one machine



Change Jobs Quickly

The Cat combination of machine and tool provides a total solution for just about any application.

Easily and quickly install or remove high reach and short front parts with the new hydraulically-driven boom coupling system. Quickly release and re-connect all your hydraulic lines thanks to connectors that can be handled without any tooling.

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.

Available tool control remembers pressures and flows for up to 20 tools. Simply toggle through the monitor, select the tool, and go to work for maximum efficiency.

Break, Demolish and Scrap

A hydraulic hammer equips your machine for taking down bridge pillars and heavily reinforced concrete on demolition sites.

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

Shears (boom or stick mounted) with 360° rotation mount to the machine for processing scrap steel and metal.

Dedicated Demolition grapples can be used for sorting and demolishing non-reinforced structures.

Cat 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 – increase uptime and reduce operating costs.



Productivity – monitor production and manage job site efficiency.



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

Cat Technology and Safety for High Reach Demolition Applications

- Keep your tool in the right position at a safe working range with the exclusive Cat Active Stability Monitoring System™.
- Improve your safety with the new hydraulic pin system that locks front parts together.
- Maintain a clear field of view around the machine with the rearview and side-view cameras.
- Enhance your safety and visibility with reinforced glass with wipers and washers on the front and top windows. Both windows are protected with a falling object guard system.



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 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 Cat Demolition 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.



Serviceable

Designed to make your maintenance quick and easy



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.

Quick and Convenient Fluids Service

S-O-SSM 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 QuickEvacTM feature.

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.

Easy Cores Cleaning

Protect your cooling cores and extend their cleaning intervals thanks to the dedicated screen fitted on the outside of the door to prevent small debris from entering inside the compartment.

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 UHD is designed to compliment your business plan, reduce emissions and minimize the consumption of natural resources.

- The C9.3 ACERT engine meets Tier 4 Final emission standards.
- The machine has the flexibility to run on either ultra-low-sulfur diesel fuel or up to B20 biodiesel 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 UHD is an efficient, productive machine that's designed to conserve our natural resources for generations ahead.



340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Engine

Engine Model	Cat C9.3 ACERT	
Gross Power – SAE J1995	238 kW	319 hp
Engine Power – ISO 14396	234 kW	313 hp
Net Power – ISO 9249	228 kW	306 hp
Bore	115 mm	4.53 in
Stroke	149 mm	5.87 in
Displacement	9.3 L	568 in ³

Hydraulic System – UHD Fronts

Main System – Maximum Flow (total)	570 L/min	151 gal/min
Swing System – Maximum Flow	139 L/min	37 gal/min
Maximum Pressure – Equipment	35 000 kPa	5,076 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	28 000 kPa	4,061 psi
Pilot System – Maximum Flow	29 L/min	8 gal/min
Pilot System – Maximum Pressure	4100 kPa	595 psi
Base Boom Cylinder – Bore	160 mm	6.3 in
Base Boom Cylinder – Stroke	1357 mm	53.4 in
Fore Boom Cylinder – Bore	170 mm	6.7 in
Fore Boom Cylinder – Stroke	1738 mm	68.4 in
Stick Cylinder – Bore	160 mm	6.3 in
Stick Cylinder – Stroke	1039 mm	40.9 in
CB Bucket Cylinder – Bore	140 mm	5.5 in
CB Bucket Cylinder – Stroke	1100 mm	43.3 in

Hydraulic System – Retrofit Fronts

Main System – Maximum Flow (total)	570 L/min	151 gal/min
Swing System – Maximum Flow	279 L/min	74 gal/min
Maximum Pressure – Equipment	35 000 kPa	5,076 psi
Maximum Pressure – Equipment (heavy lift mode)	38 000 kPa	5,511 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	28 000 kPa	4,061 psi
Pilot System – Maximum Flow	29 L/min	8 gal/min
Pilot System – Maximum Pressure	4100 kPa	595 psi
Base Boom Cylinder – Bore	160 mm	6.3 in
Base Boom Cylinder – Stroke	1357 mm	53.4 in
Stick Cylinder – Bore	170 mm	6.7 in
Stick Cylinder – Stroke	1738 mm	68.4 in
DB Bucket Cylinder – Bore	150 mm	5.9 in
DB Bucket Cylinder – Stroke	1151 mm	45.3 in

Drive – UHD Fronts

Maximum Travel Speed	4.8 km/h	3.0 mph
Maximum Drawbar Pull	285 kN	64,071 lbf

Drive – Retrofit Fronts

Maximum Travel Speed	4.8 km/h	3.0 mph
Maximum Drawbar Pull	289 kN	64,970 lbf

Swing Mechanism – UHD Fronts

Swing Speed	4.4 rpm	
Swing Torque	109 kN·m	80,144 lbf-ft
Maximum Swing Torque	137 kN·m	101,046 lbf-ft

Swing Mechanism – Retrofit Fronts

Swing Speed	8.9 rpm	
Swing Torque	109 kN·m	80,144 lbf-ft
Maximum Swing Torque	137 kN·m	101,046 lbf-ft

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Service Refill Capacities – UHD Fronts

Fuel Tank Capacity	620 L	164 gal
Cooling System	43 L	11 gal
Engine Oil (with filter)	32 L	8 gal
Swing Drive (each)	19 L	5 gal
Final Drive (each)	8 L	2 gal
Hydraulic System (including tank)	410 L	108 gal
Hydraulic Tank	175 L	46 gal
DEF Tank	41 L	11 gal

Service Refill Capacities – Retrofit Fronts

Fuel Tank Capacity	620 L	164 gal
Cooling System	43 L	11 gal
Engine Oil (with filter)	32 L	8 gal
Swing Drive (each)	19 L	5 gal
Final Drive (each)	8 L	2 gal
Hydraulic System (including tank)	380 L	100 gal
Hydraulic Tank	175 L	46 gal
DEF Tank	41 L	11 gal

Track

Number of Shoes (each side)	49 pieces
Number of Track Rollers (each side)	9 pieces
Number of Carrier Rollers (each side)	2 pieces

Sound Performance

Exterior Sound Power Level – ISO 6395:2008	106 dB(A)
Operator Sound Pressure Level – ISO 6396:2008	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.

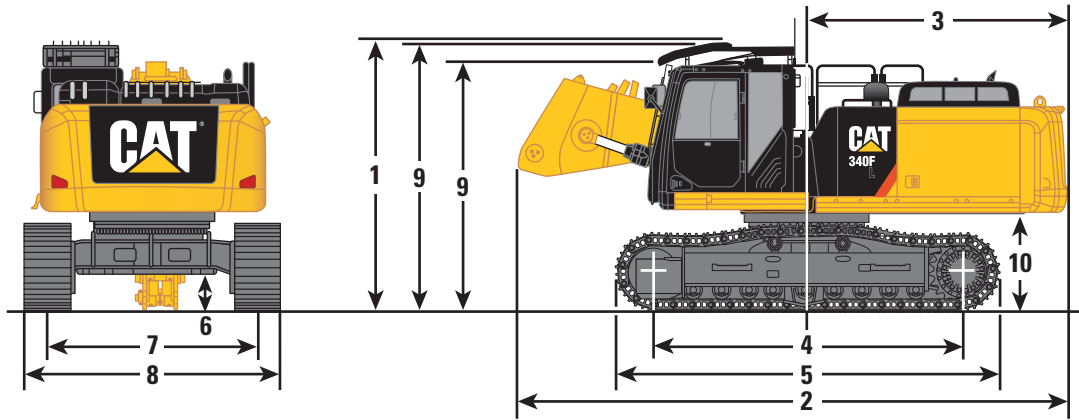
Standards

Brakes	ISO 10265:2008
Cab/FOGS	SAE J1356 MAR2013 ISO 10262:1998

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



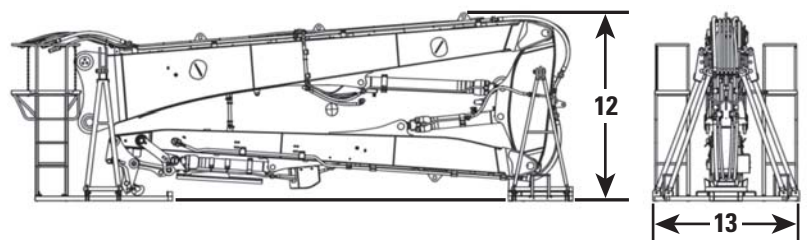
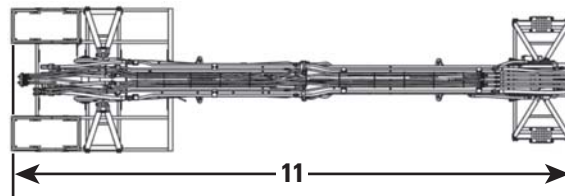
Undercarriage Option	Hydraulic Variable Gauge	
Boom Option	Frontless with Stub Boom	
1 Shipping Height*	3570 mm	11'8"
2 Shipping Length	7150 mm	23'5"
3 Tail Swing Radius	3500 mm	11'5"
4 Length to Center of Rollers	4040 mm	13'3"
5 Track Length	5040 mm	16'6"
6 Ground Clearance*	485 mm	1'7"
7 Track Gauge	2390 mm	7'10"
8 Transport Width		
600 mm (24") Shoes	2990 mm	9'9"
700 mm (28") Shoes	3090 mm	10'1"
9 Cab Height	3440 mm	11'3"
Cab Height with Top Guard	3570 mm	11'8"
10 Counterweight Clearance**	1270 mm	4'2"

*Including shoe lug height.

**Without shoe lug height.

11 Length	9451 mm	31'0"
12 Height	3172 mm	10'4"
13 Width	2465 mm	8'1"
Total Weight	9144 kg	20,160 lb

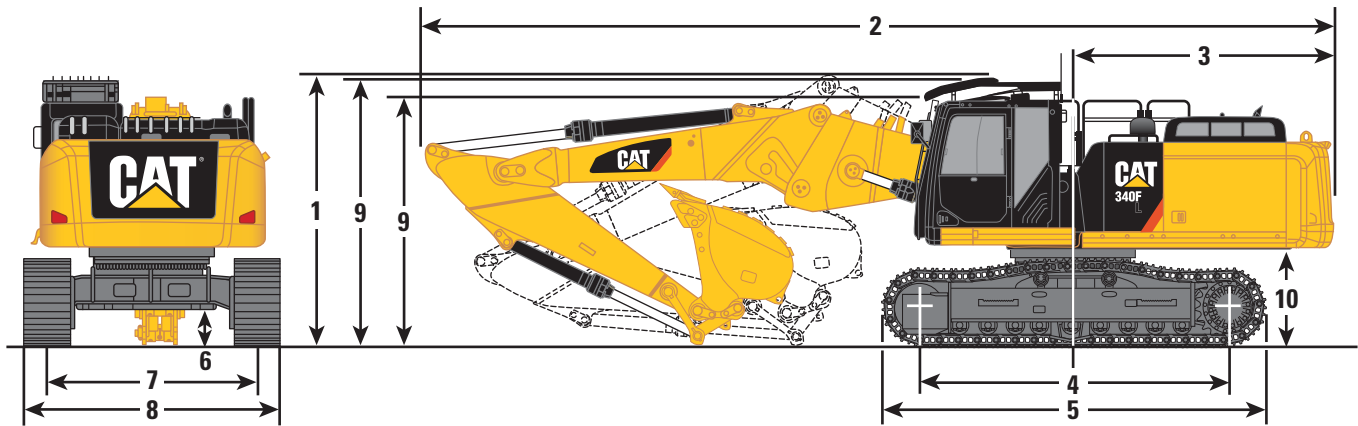
Stick Options	R3.9 (12'10")	R3.2 (10'6")	R2.8 (9'2")
11 Length	8950 mm (29'4")	8160 mm (26'9")	7730 mm (25'4")
12 Height	2790 mm (9'1")	2890 mm (9'5")	2950 mm (9'8")
13 Width	2465 mm (8'1")	2465 mm (8'1")	2465 mm (8'1")
Weight	5740 kg (12,655 lb)	5575 kg (12,291 lb)	5430 kg (11,971 lb)



340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



Undercarriage Option	Hydraulic Variable Gauge					
	Retrofit Boom (Straight)					
Boom Option	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")	
Stick Options	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")	
1 Shipping Height*	4010 mm	13'2"	3780 mm	12'5"	3810 mm	12'6"
2 Shipping Length	12 060 mm	39'7"	12 110 mm	39'9"	12 100 mm	39'8"
3 Tail Swing Radius	3500 mm	11'5"	3500 mm	11'5"	3500 mm	11'5"
4 Length to Center of Rollers	4040 mm	13'3"	4040 mm	13'3"	4040 mm	13'3"
5 Track Length	5040 mm	16'6"	5040 mm	16'6"	5040 mm	16'6"
6 Ground Clearance*	485 mm	1'7"	485 mm	1'7"	485 mm	1'7"
Ground Clearance**	450 mm	1'5"	450 mm	1'5"	450 mm	1'5"
7 Track Gauge						
Retracted	2390 mm	7'10"	2390 mm	7'10"	2390 mm	7'10"
Extended	2820 mm	9'3"	2820 mm	9'3"	2820 mm	9'3"
8 Transport Width						
600 mm (24") Shoes – Retracted	2990 mm	9'9"	2990 mm	9'9"	2990 mm	9'9"
600 mm (24") Shoes – Extended	3420 mm	11'3"	3420 mm	11'3"	3420 mm	11'3"
700 mm (28") Shoes – Retracted	3090 mm	10'1"	3090 mm	10'1"	3090 mm	10'1"
700 mm (28") Shoes – Extended	3520 mm	11'6"	3520 mm	11'6"	3520 mm	11'6"
9 Cab Height	3440 mm	11'3"	3440 mm	11'3"	3440 mm	11'3"
Cab Height with Top Guard	3570 mm	11'8"	3570 mm	11'8"	3570 mm	11'8"
10 Counterweight Clearance**	1270 mm	4'2"	1270 mm	4'2"	1270 mm	4'2"
Bucket Type	DB1650HD		DB1650HD		DB1650HD	
Bucket Capacity	2.12 m ³	2.77 yd ³	2.12 m ³	2.77 yd ³	2.12 m ³	2.77 yd ³
Bucket Tip Radius	1779 mm	5'10"	1779 mm	5'10"	1779 mm	5'10"

*Including shoe lug height.

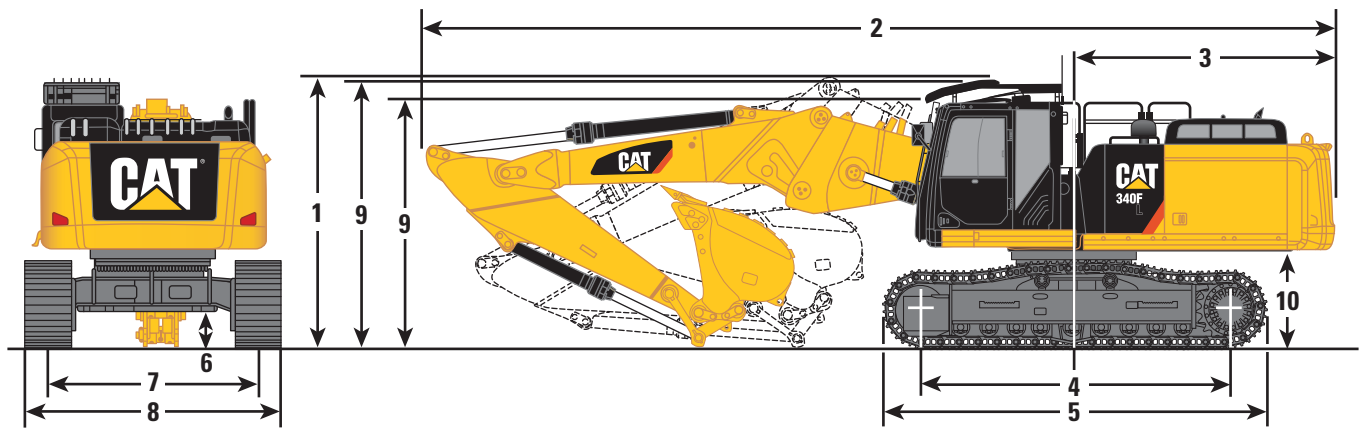
**Without shoe lug height.

Dimensions may vary depending on bucket selection.

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



Undercarriage Option	Hydraulic Variable Gauge					
	Retrofit Boom (Bent)					
Boom Option						
Stick Options	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")	
1 Shipping Height*	3990 mm	13'1"	3900 mm	12'10"	4080 mm	13'5"
2 Shipping Length	11 400 mm	37'5"	11 380 mm	37'4"	11 450 mm	37'7"
3 Tail Swing Radius	3500 mm	11'5"	3500 mm	11'5"	3500 mm	11'5"
4 Length to Center of Rollers	4040 mm	13'3"	4040 mm	13'3"	4040 mm	13'3"
5 Track Length	5040 mm	16'6"	5040 mm	16'6"	5040 mm	16'6"
6 Ground Clearance*	485 mm	1'7"	485 mm	1'7"	485 mm	1'7"
Ground Clearance**	450 mm	1'5"	450 mm	1'5"	450 mm	1'5"
7 Track Gauge						
Retracted	2390 mm	7'10"	2390 mm	7'10"	2390 mm	7'10"
Extended	2820 mm	9'3"	2820 mm	9'3"	2820 mm	9'3"
8 Transport Width						
600 mm (24") Shoes – Retracted	2990 mm	9'9"	2990 mm	9'9"	2990 mm	9'9"
600 mm (24") Shoes – Extended	3420 mm	11'3"	3420 mm	11'3"	3420 mm	11'3"
700 mm (28") Shoes – Retracted	3090 mm	10'1"	3090 mm	10'1"	3090 mm	10'1"
700 mm (28") Shoes – Extended	3520 mm	11'6"	3520 mm	11'6"	3520 mm	11'6"
9 Cab Height	3440 mm	11'3"	3440 mm	11'3"	3440 mm	11'3"
Cab Height with Top Guard	3570 mm	11'8"	3570 mm	11'8"	3570 mm	11'8"
10 Counterweight Clearance**	1270 mm	4'2"	1270 mm	4'2"	1270 mm	4'2"
Bucket Type	DB1650HD		DB1650HD		DB1650HD	
Bucket Capacity	2.12 m ³	2.77 yd ³	2.12 m ³	2.77 yd ³	2.12 m ³	2.77 yd ³
Bucket Tip Radius	1779 mm	5'10"	1779 mm	5'10"	1779 mm	5'10"

*Including shoe lug height.

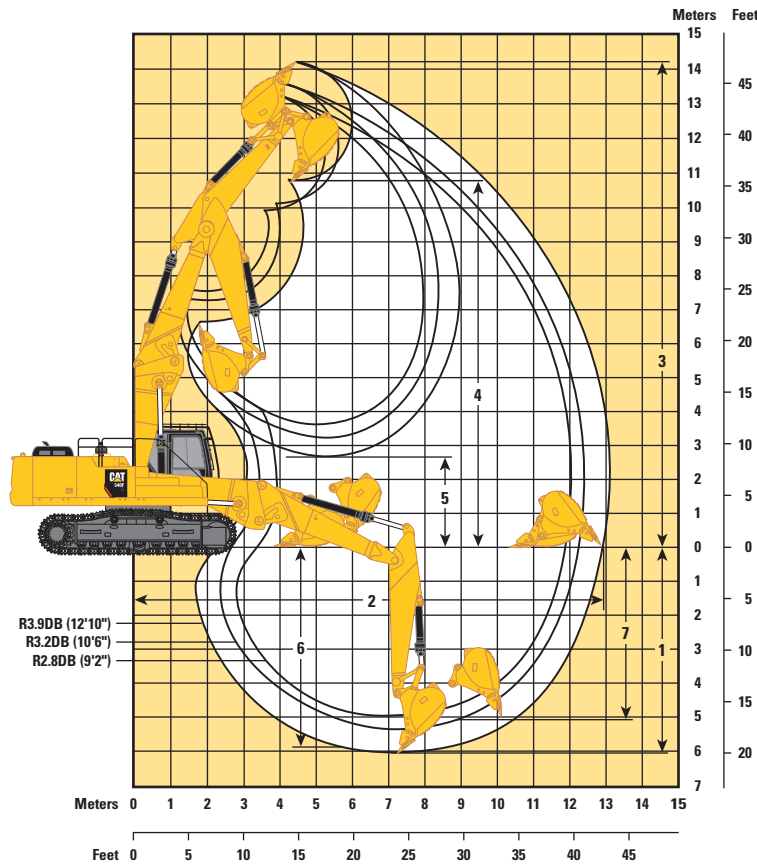
**Without shoe lug height.

Dimensions may vary depending on bucket selection.

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.



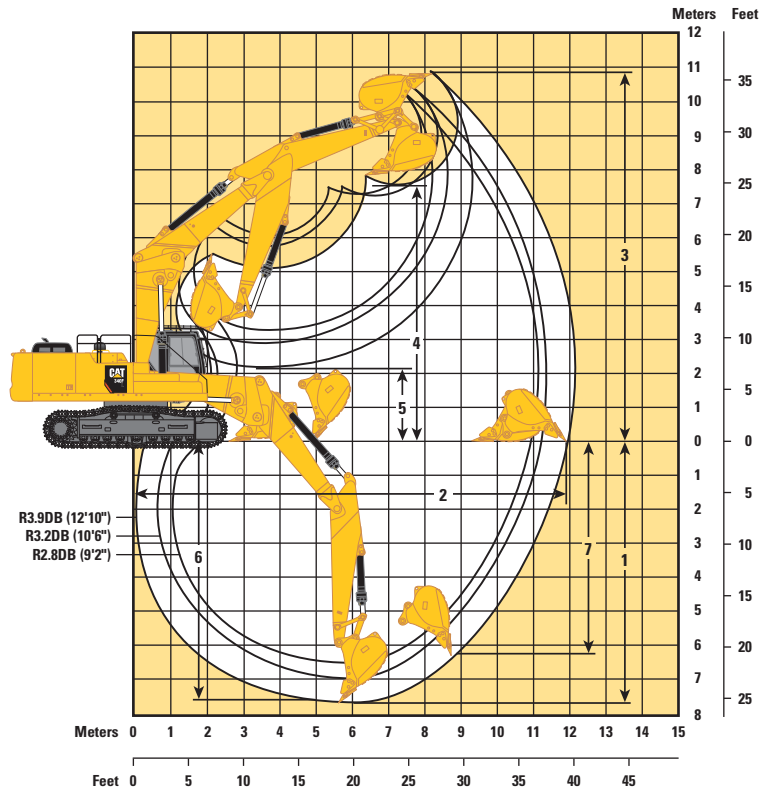
Undercarriage Option	Hydraulic Variable Gauge					
	Retrofit Boom (Straight)					
Boom Option	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")	
Stick Options	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")	
1 Maximum Digging Depth	6040 mm	19'10"	5340 mm	17'6"	4940 mm	16'2"
2 Maximum Reach at Ground Level	12 930 mm	42'5"	12 210 mm	40'1"	11 880 mm	39'0"
Maximum Radius of Working Equipment	13 100 mm	43'0"	12 390 mm	40'8"	12 060 mm	39'7"
3 Maximum Cutting Height	14 250 mm	46'9"	13 630 mm	44'9"	13 430 mm	44'1"
4 Maximum Loading Height	10 710 mm	35'2"	10 090 mm	33'1"	9870 mm	32'5"
5 Minimum Loading Height	2660 mm	8'9"	3440 mm	11'3"	3270 mm	10'9"
6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	5910 mm	19'5"	5190 mm	17'0"	4780 mm	15'8"
7 Maximum Vertical Wall Digging Depth	5140 mm	16'10"	4480 mm	14'8"	4110 mm	13'6"
Bucket Type	DB1650HD		DB1650HD		DB1650HD	
Bucket Capacity	2.12 m ³	2.77 yd ³	2.12 m ³	2.77 yd ³	2.12 m ³	2.77 yd ³
Bucket Tip Radius	1779 mm	5'10"	1779 mm	5'10"	1779 mm	5'10"

Dimensions may vary depending on bucket selection.

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.



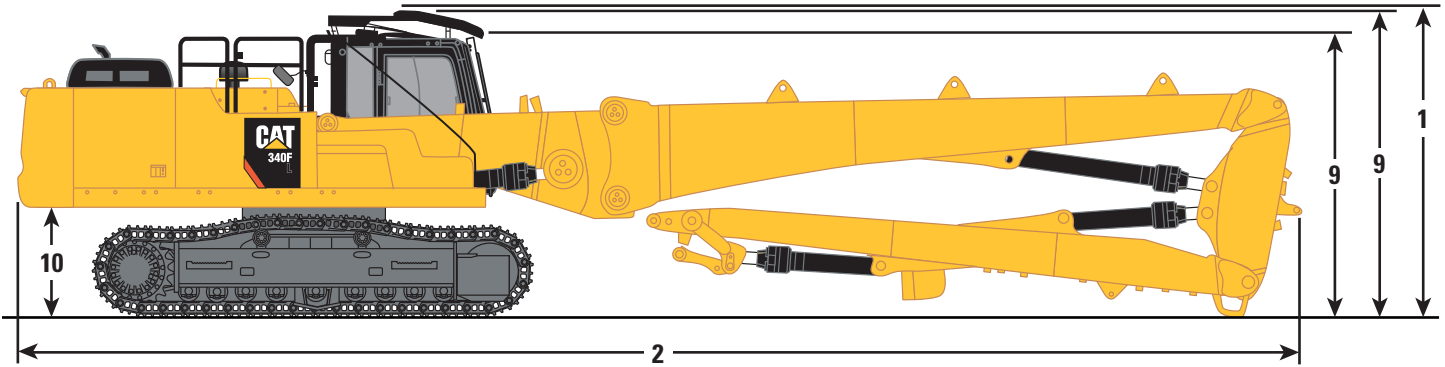
Undercarriage Option	Hydraulic Variable Gauge					
	Retrofit Boom (Bent)					
Boom Option	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")	
Stick Options	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")	
1 Maximum Digging Depth	7600 mm	24'11"	6900 mm	22'8"	6500 mm	21'4"
2 Maximum Reach at Ground Level	11 940 mm	39'2"	11 240 mm	36'11"	10 950 mm	35'11"
Maximum Radius of Working Equipment	12 120 mm	39'9"	11 440 mm	37'6"	11 150 mm	36'7"
3 Maximum Cutting Height	10 860 mm	35'8"	10 460 mm	34'4"	10 540 mm	34'7"
4 Maximum Loading Height	7650 mm	25'1"	7290 mm	23'11"	7300 mm	23'11"
5 Minimum Loading Height	2200 mm	7'3"	2900 mm	9'6"	3300 mm	10'10"
6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	7470 mm	24'6"	6750 mm	22'2"	6340 mm	20'10"
7 Maximum Vertical Wall Digging Depth	6470 mm	21'3"	5650 mm	18'6"	5630 mm	18'6"
Bucket Type	DB1650HD		DB1650HD		DB1650HD	
Bucket Capacity	2.12 m ³	2.77 yd ³	2.12 m ³	2.77 yd ³	2.12 m ³	2.77 yd ³
Bucket Tip Radius	1779 mm	5'10"	1779 mm	5'10"	1779 mm	5'10"

Dimensions may vary depending on bucket selection.

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



Undercarriage Option	Hydraulic Variable Gauge	
Boom Option	UHD Boom	
Stick Option	UHD Stick	
1 Shipping Height*	3570 mm	11'8"
2 Shipping Length	15 180 mm	49'9"
3 Tail Swing Radius	3500 mm	11'5"
4 Length to Center of Rollers	4040 mm	13'3"
5 Track Length	5040 mm	16'6"
6 Ground Clearance*	485 mm	1'7"
Ground Clearance**	450 mm	1'5"
7 Track Gauge		
Retracted	2390 mm	7'10"
Extended	2820 mm	9'3"
8 Transport Width		
600 mm (24") Shoes – Retracted	2990 mm	9'9"
600 mm (24") Shoes – Extended	3420 mm	11'3"
9 Cab Height	3440 mm	11'3"
Cab Height with Top Guard	3570 mm	11'8"
10 Counterweight Clearance**	1270 mm	4'2"

*Including shoe lug height.

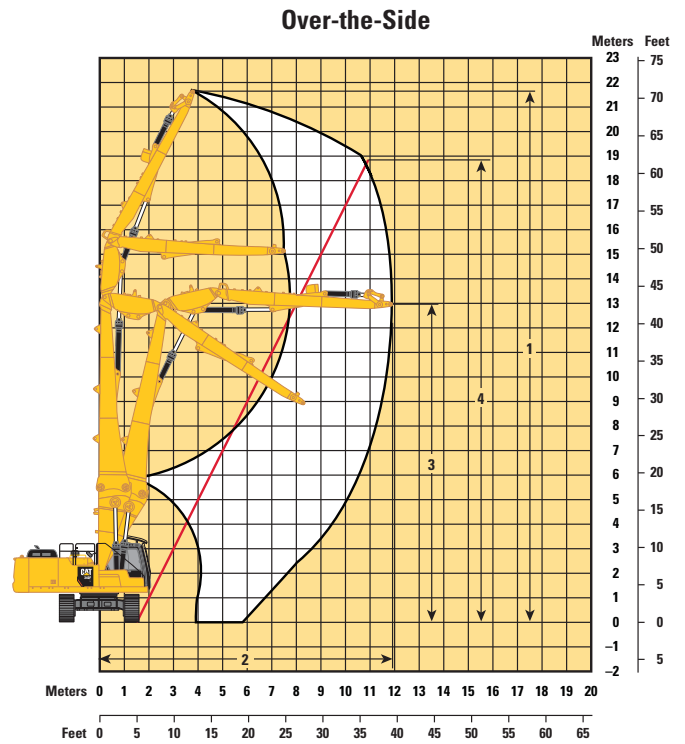
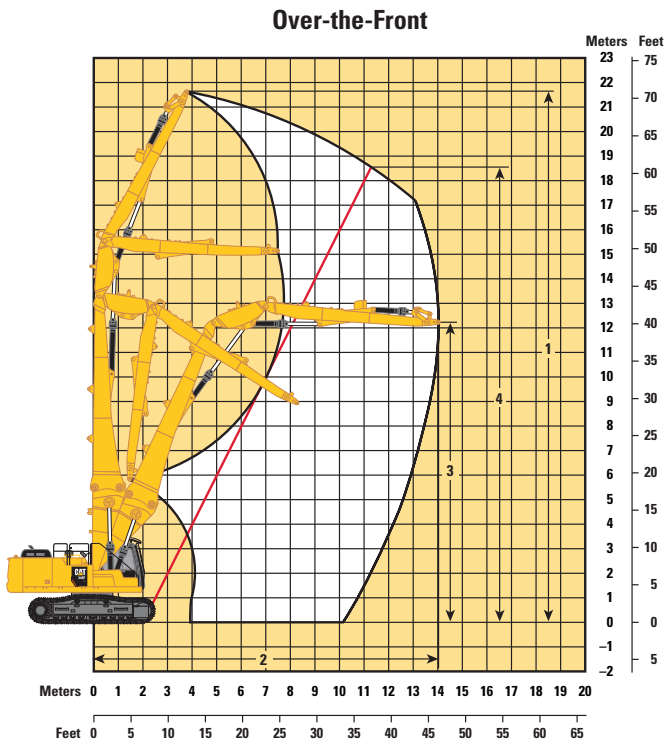
**Without shoe lug height.

Dimensions may vary depending on bucket selection.

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.



Undercarriage Option

Boom Option

Stick Option

Over-the-Front

1 Maximum Pin Height at Stick Nose	21 700 mm	71'2"
2 Maximum Reach at Stick Nose	14 040 mm	46'0"
3 Maximum Height at Stick Nose in Maximum Reach Position	12 160 mm	39'10"
4 Maximum Working Pin Height at Stick Nose	18 590 mm	60'11"
Maximum Weight at Stick Nose	3600 kg	7,936 lb

Over-the-Side

1 Maximum Pin Height at Stick Nose	21 700 mm	71'2"
2 Maximum Reach at Stick Nose	11 960 mm	39'2"
3 Maximum Height at Stick Nose in Maximum Reach Position	12 910 mm	42'4"
4 Maximum Working Pin Height at Stick Nose	18 850 mm	61'10"
Maximum Weight at Stick Nose	3600 kg	7,936 lb

Hydraulic Variable Gauge

UHD Boom Nose and UHD Foreboom

UHD Stick

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

Boom	Stick	700 mm (28") Triple Grouser Shoes				600 mm (24") HD Triple Grouser Shoes				600 mm (24") Double Grouser Shoes			
		kg	lb	kPa	psi	kg	lb	kPa	psi	kg	lb	kPa	psi
Hydraulic Variable Gauge Undercarriage													
UHD*	UHD	50 100	110,500	80.0	11.6	50 400	111,100	93.8	13.6	50 500	111,300	93.7	13.6
Retrofit**	R3.9DB (12'10")	49 200	108,500	78.6	11.4	49 500	109,100	92.1	13.4	49 600	109,300	92.1	13.4
	R3.2DB (10'6")	49 100	108,200	78.4	11.4	49 400	108,900	91.9	13.3	49 500	109,100	91.9	13.3
	R2.8DB (9'2")	49 000	108,000	78.3	11.4	49 300	108,700	91.7	13.3	49 500	109,100	91.9	13.3

*With 0.5 mt (1,102 lb) Quick Coupler, without 3.1 mt (6,834 lb) work tool.

**In bent or straight position, with a 2.12 m³ (2.77 yd³) bucket (1790 kg/3,946 lb).

Bucket and Stick Forces

Boom Options	Retrofit Boom (Straight)						Retrofit Boom (Bent)					
	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")		R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")	
Stick Options	kN	lbf	kN	lbf	kN	lbf	kN	lbf	kN	lbf	kN	lbf
General Duty												
Bucket Digging Force (ISO)	198.1	44,530	198.1	44,530	198.1	44,530	198.1	44,530	198.1	44,530	198.1	44,530
Stick Digging Force (ISO)	142.8	32,110	163.9	36,860	182.1	40,940	142.8	32,110	163.9	36,860	182.1	40,940
Bucket Digging Force (SAE)	184.8	41,550	184.8	41,550	184.8	41,550	184.8	41,550	184.8	41,550	184.8	41,550
Stick Digging Force (SAE)	140.7	31,640	161.1	36,210	178.6	40,150	140.7	31,640	161.1	36,210	178.6	40,150

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Major Component Weights

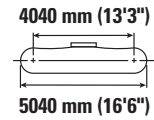
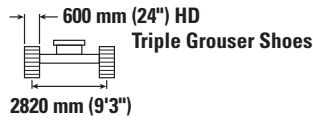
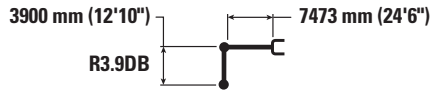
	kg	lb
Lower Structure (without counterweight and track)		
Hydraulic Variable Gauge Undercarriage	14 300	31,500
Upper Structure (without front linkage)		
For 8.45 mt (9.3 t) Counterweight – Hydraulic Variable Gauge	10 900	24,000
Counterweight		
8.45 mt (9.3 t)	8500	18,700
Boom (includes lines, pins, base boom cylinder and fore boom cylinder)		
UHD Boom (Base+Nose)	7100	15,700
Boom (includes lines and stick cylinder)		
UHD Boom (Fore)	1300	2,900
Boom (includes lines, pins, base boom cylinder and stick cylinder)		
Retrofit Boom (Base+Nose)	6600	14,600
Stick (includes lines, pins, bucket cylinder and coupler)		
UHD Stick	3000	6,600
Stick (includes lines, pins, bucket cylinder)		
R3.9 (12'10") Stick	2100	4,600
R3.2 (10'6") Stick	2000	4,400
R2.8 (9'2") Stick	1900	4,200
Track Shoes (Long)		
700 mm (28") Triple Grouser	4400	9,700
600 mm (24") HD Triple Grouser	4700	10,400
600 mm (24") Double Grouser	4800	10,600
Crusher		
For UHD	3100	6,800














Base machine includes 75 kg (165 lb) operator weight, 90% fuel weight, and undercarriage with center guard.

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Retrofit Boom (straight position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Hydraulic Variable Gauge Undercarriage



		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft				m ft
														
12.0 m 40.0 ft	kg lb											*8750 *20,150	*8750 *20,150	5.38 16.67
10.5 m 35.0 ft	kg lb			*10 000 *21,950	*10 000 *21,950	*7200 *7200	*7200 *7200					*6950 *15,550	*6950 *15,550	7.55 24.17
9.0 m 30.0 ft	kg lb			*9550 *21,150	*9550 *21,150	*9600 *20,850	*9600 *20,850					*6150 *13,700	*6150 *13,700	8.96 29.17
7.5 m 25.0 ft	kg lb			*9500 *20,950	*9500 *20,950	*10 000 *21,900	*10 000 *21,900	*9250 *19,500	7950 16,950			*5800 *12,750	*5800 *12,750	9.94 32.50
6.0 m 20.0 ft	kg lb	*10 200 *22,000	*10 200 *22,000	*10 950 *23,800	*10 950 *23,800	*11 100 *24,200	10 450 22,500	*10 000 *21,750	7800 16,700	*6650 5950		*5600 *12,300	*5600 *12,300	10.63 35.00
4.5 m 15.0 ft	kg lb	*19 750 *42,600	*19 750 *42,600	*14 850 *32,100	14 000 30,200	*12 050 *26,150	10 000 21,500	*10 250 *22,200	7550 16,200	8450 *18,100	5850 12,550	*5550 *12,200	5350 11,750	11.07 36.67
3.0 m 10.0 ft	kg lb			*15 850 *34,250	13 000 28,100	*12 550 *27,150	9450 20,400	*10 400 *22,550	7250 15,600	8300 17,850	5700 12,250	*5650 *12,350	5100 11,150	11.29 37.50
1.5 m 5.0 ft	kg lb			*16 150 *35,000	12 250 26,400	*12 700 *27,500	9000 19,400	*10 250 22,050	7000 15,000	8150 17,550	5600 12,000	*5850 *12,800	5000 11,000	11.30 37.50
0 m 0 ft	kg lb	*8950 *20,900	*8950 *20,900	*15 600 *33,800	11 800 25,400	*12 350 *26,750	8700 18,750	*10 000 21,550	6800 14,600	*8000 *17,050	5500 11,800	*6150 *13,600	5100 11,150	11.12 36.67
-1.5 m -5.0 ft	kg lb	*12 950 *29,850	*12 950 *29,850	*14 100 *30,600	11 600 25,000	*11 400 *24,600	8550 18,400	*9150 *19,600	6700 14,400	*6750 *13,900	5450 11,800	*6200 *13,650	5350 11,750	10.72 35.83
-3.0 m -10.0 ft	kg lb	*13 600 *29,500	*13 600 *29,500	*11 800 *25,450	11 650 25,100	*9650 *20,700	8550 18,400	*7450 *15,750	6700 14,500			*5350 *11,850	*5350 *11,850	10.04 33.33



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.

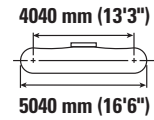
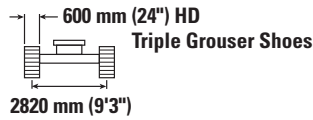
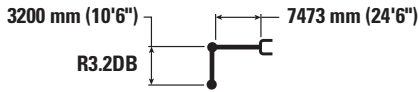
Lift capacity stays with ±5% for all available track shoes.














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

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Retrofit Boom (straight position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Hydraulic Variable Gauge Undercarriage



		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft				m ft
														
10.5 m 35.0 ft	kg lb			*11 250 *22,150	*11 250 *22,150							*9150 *20,550	*9150 *20,550	6.44 20.83
9.0 m 30.0 ft	kg lb			*12 150 *26,800	*12 150 *26,800	*10 850 *22,000	10 600 *22,000					*7950 *17,700	*7950 *17,700	8.05 26.67
7.5 m 25.0 ft	kg lb			*12 550 *27,550	*12 550 *27,550	*11 700 *25,450	10 550 22,700	*8650	7700			*7400 *16,400	*7400 *16,400	9.13 30.00
6.0 m 20.0 ft	kg lb	*17 350 *35,900	*17 350 *35,900	*14 450 *31,350	*14 450 *31,350	*12 050 *26,100	10 250 22,100	*10 400 *22,550	7650 16,450			*7200 *15,850	6500 14,400	9.87 32.50
4.5 m 15.0 ft	kg lb			*15 500 *33,500	13 600 29,400	*12 500 *27,050	9800 21,150	*10 500 *22,800	7450 16,000			*7150 *15,750	5950 13,100	10.35 34.17
3.0 m 10.0 ft	kg lb			*16 200 *35,100	12 700 27,450	*12 800 *27,700	9350 20,150	10 450 22,500	7200 15,500	8300	5700	*7300 *16,000	5650 12,400	10.58 35.00
1.5 m 5.0 ft	kg lb			*16 100 *34,950	12 050 26,050	*12 750 *27,600	8950 19,300	10 200 22,000	6950 15,000	8200	5600	*7600 *16,700	5550 12,200	10.60 35.00
0 m 0 ft	kg lb			*15 050 *32,650	11 750 25,350	*12 100 *26,250	8700 18,750	*9750 *21,050	6800 14,700			*7450 *16,350	5650 12,400	10.40 34.17
-1.5 m -5.0 ft	kg lb	*13 550 *31,350	*13 550 *31,350	*13 100 *28,500	11 700 25,250	*10 800 *23,300	8600 18,600	*8550 *18,200	6800 14,650			*6600 *14,500	6000 13,200	9.97 33.33
-3.0 m -10.0 ft	kg lb			*10 400 *22,400	*10 400 *22,400	*8600 *18,400	*8600 *18,400					*6250 *13,850	*6250 *13,850	8.96 29.17



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.

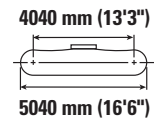
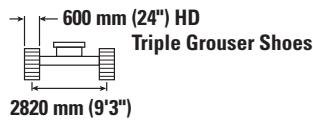
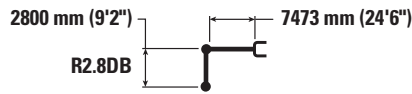
Lift capacity stays with ±5% for all available track shoes.












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340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Retrofit Boom (straight position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Hydraulic Variable Gauge Undercarriage



		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
												
10.5 m 35.0 ft	kg lb	*34,400	*34,400							*12 150 *27,550	*12 150 *27,550	5.86 18.33
9.0 m 30.0 ft	kg lb			*13 800 *30,100	*13 800 *30,100	*11 300 10 350	10 350			*10 250 *22,850	10 100 *22,850	7.60 25.00
7.5 m 25.0 ft	kg lb	*13 350 *29,300	*13 350 *29,300	*14 050 *30,500	*14 050 *30,500	*12 000 *26,100	10 400 22,400			*9400 *20,850	7950 17,800	8.74 29.17
6.0 m 20.0 ft	kg lb	*19 300 *41,550	*19 300 *41,550	*14 850 *32,100	14 300 30,850	*12 250 *26,600	10 150 21,800	*10 550 *22,900	7550 16,200	*9050 *19,900	6850 15,150	9.52 31.67
4.5 m 15.0 ft	kg lb			*15 800 *34,100	13 400 28,950	*12 650 *27,400	9700 20,900	*10 600 22,900	7400 15,850	*8900 *19,650	6200 13,700	10.00 33.33
3.0 m 10.0 ft	kg lb			*16 300 *35,300	12 500 27,050	*12 850 *27,850	9250 19,950	10 400 22,400	7150 15,400	8550 18,900	5900 12,950	10.25 34.17
1.5 m 5.0 ft	kg lb			*15 900 *34,550	11 950 25,800	*12 650 *27,450	8900 19,150	10 200 21,950	6950 14,950	*8250 *18,150	5800 12,750	10.27 34.17
0 m 0 ft	kg lb			*14 550 *31,650	11 750 25,300	*11 850 *25,700	8700 18,750	*9500 *20,450	6850 14,700	*7500 *16,550	5950 13,050	10.06 33.33
-1.5 m -5.0 ft	kg lb			*12 400 *26,950	11 750 25,300	*10 350 *22,300	8650 18,650	*8000 *16,900	6850 14,750	*6500 *14,300	6350 14,000	9.62 31.67
-3.0 m -10.0 ft	kg lb					*7850 *16,700	*7850 *16,700			*7050 *15,950	*7050 *15,950	8.03 25.83



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.

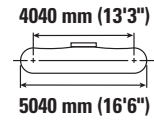
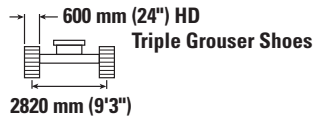
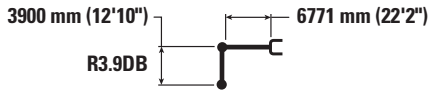
Lift capacity stays with ±5% for all available track shoes.













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

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Retrofit Boom (bent position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Hydraulic Variable Gauge Undercarriage



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		 m ft		
														
9.0 m 30.0 ft	kg lb							*6800	*6800			*6000 *13,300	*6000 *13,300	7.68 25.00
7.5 m 25.0 ft	kg lb							*19,900	*19,900			*5650 *12,450	*5650 *12,450	8.81 29.17
6.0 m 20.0 ft	kg lb							*9650 *21,050	*9650 *21,050	*8250 *16,650	8250 *16,650	*5550 *12,200	*5550 *12,200	9.58 31.67
4.5 m 15.0 ft	kg lb					*12 150 *26,250	*12 150 *26,250	*10 400 *22,650	*10 400 *22,650	*9350 *20,400	8050 17,250	*5600 *12,300	*5600 *12,300	10.07 33.33
3.0 m 10.0 ft	kg lb			*18 700 *40,250	*18 700 *40,250	*13 850 *29,900	*13 850 *29,900	*11 350 *24,550	10 250 22,050	*9800 *21,300	7700 16,600	*5800 *12,800	*5800 *12,800	10.31 34.17
1.5 m 5.0 ft	kg lb			*21 200 *45,800	19 900 42,900	*15 300 *33,050	13 250 28,550	*12 150 *26,300	9650 20,800	*10 200 *22,150	7400 15,900	*6200 *13,600	5950 13,100	10.33 34.17
0 m 0 ft	kg lb	*7450 *16,950	*7450 *16,950	*20 450 *47,450	18 800 40,450	*16 050 *34,800	12 500 26,950	*12 650 *27,350	9200 19,800	10 350 22,300	7100 15,250	*6800 *15,000	5950 13,100	10.12 33.33
-1.5 m -5.0 ft	kg lb	*12 200 *27,450	*12 200 *27,450	*21 500 *46,600	18 300 39,300	*16 050 *34,800	12 050 25,950	*12 650 *27,350	8850 19,100	10 150 21,850	6900 14,850	*7800 *17,200	6250 13,750	9.68 31.67
-3.0 m -10.0 ft	kg lb	*17 750 *40,100	*17 750 *40,100	*19 900 *43,050	18 150 39,000	*15 200 *32,850	11 850 25,500	*11 950 *25,750	8700 18,750			*9300 *20,450	6850 15,200	8.97 30.00



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.

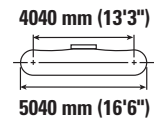
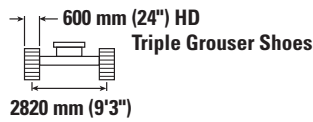
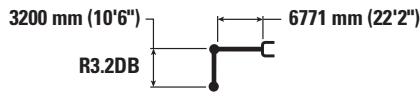
Lift capacity stays with ±5% for all available track shoes.














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

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Retrofit Boom (bent position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Hydraulic Variable Gauge Undercarriage



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		 m ft		
														
9.0 m 30.0 ft	kg lb											*7750	*7750	6.73
7.5 m 25.0 ft	kg lb							*9950 *19,950	*9950 *19,950			*7250 *16,050	*7250 *16,050	8.00 26.67
6.0 m 20.0 ft	kg lb							*10 450 *22,800	*10 450 *22,800			*7150 *15,700	*7150 *15,700	8.84 29.17
4.5 m 15.0 ft	kg lb			*17 000 *36,550	*17 000 *36,550	*13 150 *28,450	*13 150 *28,450	*11 100 *24,150	10 550 22,750	*9900 *19,800	7850 16,850	*7250 *15,950	*7250 *15,950	9.36 30.83
3.0 m 10.0 ft	kg lb			*20 300 *43,600	*20 300 *43,600	*14 700 *31,750	13 850 29,900	*11 900 *25,800	10 050 21,600	*10 250 *22,250	7600 16,350	*7600 *16,700	6800 15,000	9.62 31.67
1.5 m 5.0 ft	kg lb			*17 850 *42,750	*17 850 41,550	*15 850 *34,300	12 950 27,950	*12 550 *27,200	9550 20,550	*10 500 22,800	7300 15,750	*8200 *18,000	6600 14,500	9.64 31.67
0 m 0 ft	kg lb			*19 300 *44,800	18 550 39,850	*16 300 *35,300	12 350 26,650	*12 850 *27,800	9100 19,650	10 350 22,250	7100 15,250	*9150 *20,150	6650 14,600	9.42 30.83
-1.5 m -5.0 ft	kg lb	*13 250 *29,950	*13 250 *29,950	*20 750 *45,100	18 300 39,300	*15 900 *34,400	12 050 25,900	*12 550 *27,100	8900 19,100			*10 000 *22,050	7000 15,450	8.95 30.00
-3.0 m -10.0 ft	kg lb	*20 900 *47,200	*20 900 *47,200	*18 600 *40,300	18 300 39,350	*14 550 *31,400	11 950 25,750	*11 350 *24,350	8800 19,000			*10 000 *21,950	7900 17,450	8.17 26.67



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.

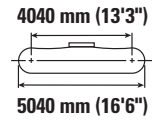
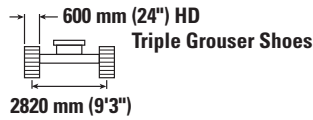
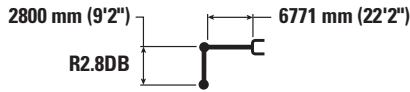
Lift capacity stays with ±5% for all available track shoes.














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

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Retrofit Boom (bent position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Hydraulic Variable Gauge Undercarriage



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		 m ft		
														
9.0 m 30.0 ft	kg lb											*9950	*9950	6.31
7.5 m 25.0 ft	kg lb							*10 450	*10 450			*9150	*9150	7.65
6.0 m 20.0 ft	kg lb					*12 300	*12 300	*10 850	10 800			*20,250	*20,250	25.00
4.5 m 15.0 ft	kg lb			*17 950	*17 950	*13 650	*13 650	*11 450	10 400	*9850	7750	*19,650	19,250	8.53
3.0 m 10.0 ft	kg lb			*18 950	*18 950	*15 100	13 650	*12 150	9900	*10 450	7500	*20,600	15,600	30.00
1.5 m 5.0 ft	kg lb			*30,300	*30,300	*16 100	12 800	*12 700	9450	10 500	7250	*22,700	16,100	28.33
0 m 0 ft	kg lb			*30,300	*30,300	*16 100	12 800	*12 700	9450	10 500	7250	*22,700	16,100	28.33
0 m 0 ft	kg lb			*16 700	*16 700	*16 300	12 250	*12 850	9050	10 300	7050	*9350	7050	9.34
-1.5 m -5.0 ft	kg lb	*12 100	*12 100	*39,200	*39,200	*35,300	26,400	*27,800	19,550			*20,600	15,600	30.83
-3.0 m -10.0 ft	kg lb	*27,600	*27,600	*43,650	39,250	*33,850	25,850	*26,700	19,100			*9350	7050	9.34
-3.0 m -10.0 ft	kg lb	*46,400	*46,400	*38,250	*38,250	*30,200	25,800	*22,950	19,150			*20,600	15,600	30.83
-3.0 m -10.0 ft	kg lb	*46,400	*46,400	*38,250	*38,250	*30,200	25,800	*22,950	19,150			*10 000	8400	7.83
-3.0 m -10.0 ft	kg lb	*46,400	*46,400	*38,250	*38,250	*30,200	25,800	*22,950	19,150			*22,000	18,600	25.83



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 UHD Ultra High Demolition Hydraulic Excavator Specifications

Work Tool Offering Guide (UHD Fronts)†

Boom Type	UHD Boom
Stick Type	UHD Stick
Linkage Type	UHD Linkage
Undercarriage	Hydraulic Variable Gauge
Multi-Processor	MP318 MP324 MP332 (pin-on)
Crusher	P315 P325
Demolition and Sorting Grapple	G320B G325B
Scrap and Demolition Shear	S320B S325B
Dedicated Coupler	CW40

Work Tool Offering Guide (Retrofit Fronts)†

Undercarriage		Hydraulic Variable Gauge					
		Bent			Straight		
Boom Type		R3.9 (12'10")	R3.2 (10'6")	R2.8 (9'2")	R3.9 (12'10")	R3.2 (10'6")	R2.8 (9'2")
Hydraulic Hammer	H140Es						
	H160Es				***	***	***
Multi-Processor	MP30 CC Jaw	***			***	***	***
	MP30 CR Jaw	***			***	***	***
	MP30 PP Jaw	***					
	MP30 PS Jaw	***			***	***	***
	MP30 S Jaw	***			***	***	***
	MP30 TS Jaw						
Crusher	P335	**			***	***	***
Pulverizer	P235	***					
Demolition and Sorting Grapple	G325B-D/R						
	G330	**			**	**	**
Scrap and Demolition Shear	S340B		***	*			
	S365C		#			#	
Compactor (Vibratory Plate)	CVP110						
Orange Peel Grapple		These work tools are available for the 340F UHD. Consult your Cat dealer for proper match.					
Dedicated Coupler	CW-45						
	CW-45s						

†Matches are dependent on excavator configurations. Consult your Cat dealer for proper work tool match.

- * Match
- ** Match; Pin-on or Cat PG
- *** Match; Pin-on or CW
- # Match; Pin-on only

Note: Demolition and Sorting Grapple: D–Demolition shells, R–Recycling shells

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (Retrofit Fronts)

	Linkage	Hydraulic Variable Gauge Undercarriage											
		Width		Capacity		Weight		Fill	Retrofit Boom				
		mm	in	m ³	yd ³	kg	lb		Bent Position		Straight Position		
								R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")		
Pin-On (No Quick Coupler)													
General Duty Capacity	DB	750	30	0.94	1.23	960	2,115	100	●	●	●	●	
	DB	900	36	1.19	1.56	1050	2,315	100	●	●	●	●	
	DB	1050	42	1.46	1.91	1160	2,556	100	●	●	●	●	
	DB	1200	48	1.73	2.26	1246	2,746	100	●	●	●	●	
	DB	1350	54	2.00	2.62	1358	2,995	100	●	●	●	⊙	
	DB	1500	60	2.27	2.97	1470	3,240	100	●	●	⊙	⊖	
	DB	1650	66	2.55	3.33	1556	3,430	100	●	⊙	⊖	○	
General Duty Capacity – Wide Tip	DB	800	32	1.18	1.54	1040	2,292	100	●	●	●	●	
	DB	950	38	1.49	1.95	1135	2,503	100	●	●	●	●	
	DB	1100	44	1.46	1.91	1158	2,552	100	●	●	●	●	
	DB	1250	50	1.73	2.26	1243	2,739	100	●	●	●	●	
	DB	1400	56	2.00	2.62	1355	2,988	100	●	●	●	⊙	
	DB	1550	62	2.27	2.97	1468	3,236	100	●	●	⊙	⊖	
Heavy Duty	DB	750	30	0.73	0.95	1033	2,278	100	●	●	●	●	
	DB	900	36	0.95	1.24	1181	2,603	100	●	●	●	●	
	DB	1050	42	1.17	1.54	1271	2,802	100	●	●	●	●	
	DB	1200	48	1.40	1.84	1403	3,093	100	●	●	●	●	
	DB	1350	54	1.64	2.14	1499	3,304	100	●	●	●	●	
	DB	1500	60	1.88	2.46	1630	3,593	100	●	●	●	⊙	
	DB	1650	66	2.12	2.77	1762	3,884	100	●	●	⊙	⊖	
	DB	1800	72	2.36	3.08	1859	4,098	100	●	⊙	⊖	○	
Heavy Duty – Power	DB	900	36	0.95	1.24	1175	2,590	100	●	●	●	●	
	DB	1200	48	1.40	1.83	1408	3,104	100	●	●	●	●	
	DB	1350	54	1.63	2.13	1505	3,318	100	●	●	●	●	
	DB	1500	60	1.86	2.43	1642	3,620	100	●	●	●	⊙	
Severe Duty	DB	750	30	0.73	0.95	1088	2,399	90	●	●	●	●	
	DB	900	36	0.95	1.24	1241	2,735	90	●	●	●	●	
	DB	1050	42	1.17	1.54	1338	2,949	90	●	●	●	●	
	DB	1200	48	1.40	1.83	1478	3,258	90	●	●	●	●	
	DB	1350	54	1.64	2.14	1581	3,485	90	●	●	●	●	
Extreme Duty	DB	1200	48	1.40	1.83	1621	3,573	90	●	●	●	●	
	Maximum load with pin-on (payload + bucket)								kg	6910	6130	5500	4875
								lb	15,234	13,514	12,125	10,748	

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

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.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)

340F UHD Ultra High Demolition Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (Retrofit Fronts)

	Linkage	Hydraulic Variable Gauge Undercarriage											
		Width		Capacity		Weight		Fill	Retrofit Boom				
		mm	in	m ³	yd ³	kg	lb		Bent Position		Straight Position		
								R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")		
With Cat Pin Grabber Coupler													
General Duty Capacity	DB	750	30	0.94	1.23	960	2,115	100	●	●	●	●	
	DB	900	36	1.19	1.56	1050	2,315	100	●	●	●	●	
	DB	1050	42	1.46	1.91	1160	2,556	100	●	●	●	●	
	DB	1200	48	1.73	2.26	1246	2,746	100	●	●	●	⊖	
	DB	1350	54	2.00	2.62	1358	2,995	100	●	●	⊙	○	
	DB	1500	60	2.27	2.97	1470	3,240	100	●	⊙	⊖	○	
	DB	1650	66	2.55	3.33	1556	3,430	100	⊙	⊖	○	◇	
General Duty Capacity – Wide Tip	DB	800	32	1.18	1.54	1040	2,292	100	●	●	●	●	
	DB	950	38	1.49	1.95	1135	2,503	100	●	●	●	●	
	DB	1100	44	1.46	1.91	1158	2,552	100	●	●	●	●	
	DB	1250	50	1.73	2.26	1243	2,739	100	●	●	●	⊖	
	DB	1400	56	2.00	2.62	1355	2,988	100	●	●	⊙	○	
	DB	1550	62	2.27	2.97	1468	3,236	100	●	⊙	⊖	○	
Heavy Duty	DB	750	30	0.73	0.95	1033	2,278	100	●	●	●	●	
	DB	900	36	0.95	1.24	1181	2,603	100	●	●	●	●	
	DB	1050	42	1.17	1.54	1271	2,802	100	●	●	●	●	
	DB	1200	48	1.40	1.84	1403	3,093	100	●	●	●	⊙	
	DB	1350	54	1.64	2.14	1499	3,304	100	●	●	●	⊖	
	DB	1500	60	1.88	2.46	1630	3,593	100	●	●	⊖	○	
	DB	1650	66	2.12	2.77	1762	3,884	100	●	⊙	⊖	○	
	DB	1800	72	2.36	3.08	1859	4,098	100	⊙	⊖	○	◇	
Heavy Duty – Power	DB	900	36	0.95	1.24	1175	2,590	100	●	●	●	●	
	DB	1200	48	1.40	1.83	1408	3,104	100	●	●	●	⊙	
	DB	1350	54	1.63	2.13	1505	3,318	100	●	●	●	⊖	
	DB	1500	60	1.86	2.43	1642	3,620	100	●	●	⊖	○	
Heavy Duty – Pin Grabber Performance	DB	900	36	0.87	1.14	1209	2,665	100	●	●	●	●	
	DB	1050	42	1.08	1.41	1312	2,892	100	●	●	●	●	
	DB	1200	48	1.29	1.69	1442	3,179	100	●	●	●	●	
	DB	1350	54	1.50	1.96	1544	3,404	100	●	●	●	⊙	
	DB	1500	60	1.72	2.25	1681	3,706	100	●	●	⊙	⊖	
	DB	1650	66	1.93	2.52	1819	4,010	100	●	⊙	⊖	○	
Severe Duty	DB	750	30	0.73	0.95	1088	2,399	90	●	●	●	●	
	DB	900	36	0.95	1.24	1241	2,735	90	●	●	●	●	
	DB	1050	42	1.17	1.54	1338	2,949	90	●	●	●	●	
	DB	1200	48	1.40	1.83	1478	3,258	90	●	●	●	●	
	DB	1350	54	1.64	2.14	1581	3,485	90	●	●	●	⊙	
Severe Duty – Pin Grabber Performance	DB	750	30	0.68	0.88	1095	2,414	90	●	●	●	●	
	DB	900	36	0.87	1.14	1272	2,804	90	●	●	●	●	
	DB	1200	48	1.29	1.69	1520	3,351	90	●	●	●	●	
	DB	1350	54	1.50	1.96	1628	3,589	90	●	●	●	⊙	
Extreme Duty	DB	1200	48	1.40	1.83	1621	3,573	90	●	●	●	●	
	Maximum load with coupler (payload + bucket)								kg	6212	5432	4802	4177
								lb	13,696	11,976	10,587	9,209	

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)

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 UHD Standard Equipment

Standard Equipment

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

ELECTRICAL

- 80 amp alternator
- Circuit breaker
- Battery, standard
- Beacon
- Electric refueling pump with auto shutoff switch

ENGINE

- Cat C9.3 ACERT diesel engine
- Meets Tier 4 Final emission standards
- 2300 m (7,500 ft) altitude capability with no derate
- Biodiesel capable
- Automatic engine speed control
- Electric priming pump
- Water separator in fuel line including water level sensor and indicator
- High, economy and standard power modes
- Air cleaner
- Radial seal air filter
- Side-by-side cooling system
- Primary filter with water separator and water separator indicator switch
- Starting kit, cold weather, -18° C (0° F)
- Fuel differential indicator switch in fuel line
- 2×4 micron main filters and 1×10 micron primary filter in fuel line
- Biodiesel capable
- Quick drains, engine and hydraulic oil (QuickEvac)

HYDRAULIC SYSTEM

- Boom and stick lowering control devices with SmartBoom
- Heavy Lift
- Reverse swing damping valve
- Automatic swing parking brake
- High-performance hydraulic return filter
- Regeneration circuit for boom and stick
- Bio oil capable
- QC Control

FRONT LINKAGE

- UHD boom nose with left/right lights
 - Fore boom with left/right lights
 - UHD 7.1 m (23'3") stick
 - Dedicated UHD linkage with lifting eye
 - Cylinder bucket

CAB

- Demolition cab with P5A glass (front and top)
- Parallel wiper and washer (front and top)
- Mirrors
- Pressurized operator station with positive filtration
- Sliding upper door window (left-hand cab door)
- Interior:
 - 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)
 - Thumb wheel modulation joysticks for use with combined auxiliary control
 - Air conditioner, heater and defroster with climate control
- Seat:
 - Adjustable high-back, heated/ventilated seat with air suspension
 - Seat belt, 51 mm (2")
 - Adjustable armrest
 - Height adjustable joystick consoles
 - Neutral lever (lock out) for all controls
 - Travel control pedals with removable hand levers
 - 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
- Windshield:
 - One-piece, fixed
- Sun screen

UNDERCARRIAGE/UPPERFRAME

- HVG undercarriage
- Grease Lubricated Track GLT2, resin seal
- Heavy duty track roller
- Towing eye on base frame
- HD bottom guard
- HD travel motor guard
- Swivel guard
- Refueling pump toolbox
- Counterweight, 8.45 mt (9.3 t)

LIGHTS

- Cab and boom lights with time delay (halogen)
- 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
- Rearview and sideview cameras

CAT CONNECT TECHNOLOGIES

- Product Link
- Rear vision and side vision cameras

GUARDS

- FOGS (Falling Object Guard System) including overhead and windshield guards

Optional Equipment

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

HYDRAULIC SYSTEM

- HP hydraulic lines for stick
- MP hydraulic lines for stick
- QC hydraulic lines for stick

FRONT LINKAGE

- Retrofit Reach boom nose with left/right lights
- R2.8DB (9'2") stick
- R3.2DB (10'6") stick
- R3.9DB (12'10") stick
- DB linkage with lifting eye
- Cylinder bucket
- CW Quick coupler
- Cradle for UHD front parts
- Cradle for Retrofit front parts

TRACKS

- 600 mm (24") double grouser tracks
- 600 mm (24") HD triple grouser tracks
- 700 mm (28") triple grouser tracks

ELECTRICAL

- Cold weather starting package, 240V, -32° C (-25° F)

GUARDS

- Rubber bumpers on upperframe
- Track guiding guards:
 - Full length
 - Center

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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