

330F L

Hydraulic Excavator

2017



Engine

Engine Model	Cat® C7.1 ACERT™	
Net Power – SAE J1349/ISO 9249	175 kW	238 hp
Gross Power – SAE J1995	178 kW	242 hp

Drive

Maximum Travel Speed	5.1 km/h	3.2 mph
Maximum Drawbar Pull	247 kN	55,528 lbf

Weight

Minimum Operating Weight	29 130 kg	64,220 lb
Maximum Operating Weight	31 730 kg	69,950 lb

Introduction

The 330F L is built to keep your production numbers high and your owning and operating costs low. The machine's C7.1 ACERT engine not only meets U.S. EPA Tier 4 Final/EU Stage IV/Korea Tier 4 Final emission standards, but it does so with all the power, fuel efficiency, and reliability you need to be successful.

Where the real power comes in is through Caterpillar's unparalleled systems integration and state-of-the-art hydraulic system. You can literally move tons of material all day long with tremendous speed and precision. When you add a quiet operator environment that keeps you comfortable and productive, easy-to-reach service points that make routine maintenance simple and fast, and multiple Cat work tools that help you take on a variety of tasks with just one machine, you simply won't find a better, more efficient 30-ton excavator.

If productivity, comfort, versatility, and fuel efficiency are what you want, you need a 330F L in your fleet.

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CAT
330F

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Operator Station

Comfort and convenience to keep you productive



A Safe, Quiet Cab

The ROPS 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 today's top pickup trucks.

Comfortable Seat Options

The seat range includes air suspension, heated, and air cooled options. All seats include a reclining back, upper and lower slide adjustments, and height and tilt angle adjustments to meet your needs for maximum comfort.

A Cool & Warm Environment

The automatic climate control system features multiple air outlets with filtered ventilation. Air flows on the floor, behind the seat, and in front of you to make your work in either hot or cold weather much more pleasant and productive.

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. Also, 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.

A Helpful Monitor

The LCD monitor is easy to see and navigate. 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 standard rearview camera to help you see what's going on around you so you can stay safely focused on the job at hand.

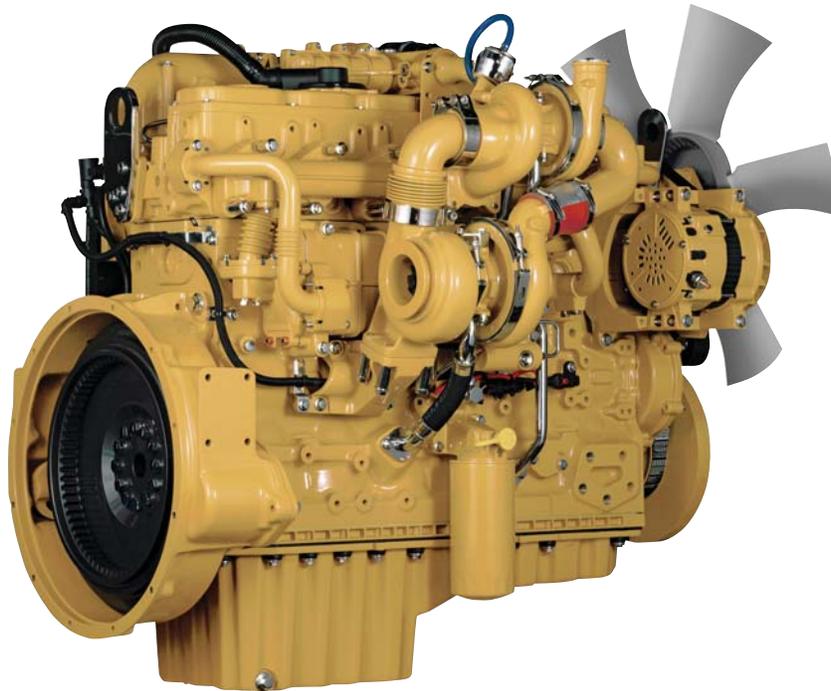
Ample Storage & Auxiliary Power

Storage spaces are located in the front, rear, and side consoles of the cab. A drink holder accommodates a large mug with handle, and a shelf behind the seat stores large lunch or toolboxes. Two 12-volt power supply sockets are conveniently located near the key storage areas for charging your electronic devices like an MP3 player, a cell phone, or a tablet.



Engine

Powerful and fuel efficient to meet your expectations



Proven Technology

Every Tier 4 Final/Stage IV/Korea Tier 4 Final ACERT engine is equipped with a combination of proven electronic, fuel, air, and aftertreatment components. Applying these time-tested technologies lets us meet your high expectations for productivity, fuel efficiency, reliability, and service life. Following are the results you can expect:

- **Improved fluid efficiency of up to 5%** over Tier 4 Interim/Stage IIIB products, including Diesel Exhaust Fluid (DEF) consumption.
- **High performance** across a variety of applications.
- **Enhanced reliability** through commonality and simplicity of design.
- **Maximized uptime and reduced cost** with world-class Cat dealer support.
- **Minimized impact** on emission systems – with no operator interaction required.
- **Durability** with long service life.
- **Better fuel economy** with minimized maintenance costs.
- **Same great power** and response.

Biodiesel Not a Problem

The C7.1 ACERT engine can run on up to B20 biodiesel fuel that meets ASTM 6751 standards – all to give you more potential fuel-saving flexibility.

A Cool Design for Any Temperature

The 330F 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 an efficient variable-speed fan.

Diesel Exhaust Fluid (DEF)

Cat engines equipped with an SCR system inject DEF into the exhaust to reduce NO_x emissions. DEF is a precisely mixed solution of 32.5% high purity chemical grade urea and 67.5% de-ionized water. DEF used in Cat SCR systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241-1.

A Powerful, Efficient Design

When it comes to moving heavy material quickly and efficiently, you need hydraulic horsepower – the type of ground-breaking power the 330F 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.



Hydraulics

Power to move your material with speed and precision



Boom & Stick Oil Re-Circulation For Added Efficiency

The 330F L regenerates the flow of oil from the head end of the boom and stick cylinders to the rod end of the boom and stick cylinders during the work cycle to save energy and improve fuel efficiency. It's optimized for any dial speed setting you select, which results in less pressure loss for higher controllability, more productivity, and lower operating costs for you.

Control Like No Other

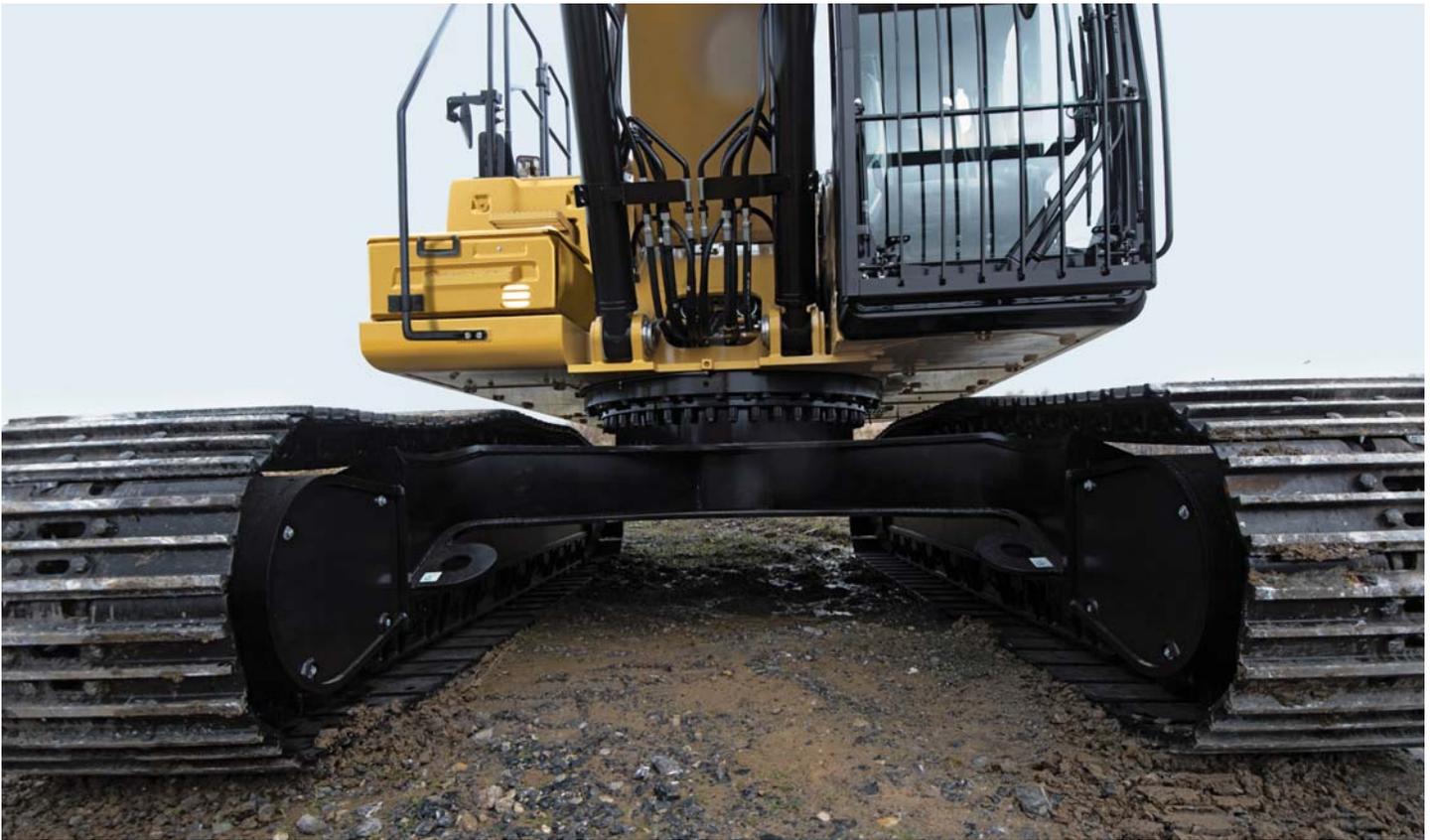
Controllability is one of the main attributes of Cat excavators, and one of the key contributors to this is the main control valve. The valve reduces pressure drop/restrictions in oil flow and opens slowly when your range of joystick lever movement is small and opens rapidly when movement is high. It puts flow where you need it when you need it, which leads to smoother operation, faster response, 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, will allow you to switch from one tool to another in a matter of minutes – all from the comfort and convenience of the cab.

5% capacity improved in heavy lift mode due to 2 MPa (290 psi) pressure increase.

ECM managed electric controls – better controllability and efficiency.



Structures & Undercarriage

Made to work in your tough applications

Robust Frame

The 330F L is a well-built machine designed to give you a very long service life. The upper frame has mountings made specifically to support the heavy-duty cab; it is also reinforced around key areas that take on stress like the boom foot and skirt. Massive bolts are used to attach the track frames to the body, and additional bolts are used to increase the machine's digging force, which leads to more productivity for you.

Durable Undercarriage

The 330F L undercarriage contributes significantly to its outstanding stability and durability. Track shoes, links, rollers, idlers, and final drives are all built with long-lasting, high-tensile-strength steel. 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.

Counterweight

5.8 mt (6.3 t) counterweight is built with thick steel plates and reinforced fabrications to make it less susceptible to damage. It has a curved surface that matches the machine's sleek, smooth appearance along with integrated housings to help protect the standard rearview camera.

6.75 mt (7.4 t) counterweight is for SLR only.



Front Linkage

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

Booms & Sticks

The 330F L is offered with a range of booms and sticks. Each is built with internal baffle plates for added durability, and each undergoes ultrasound inspection to ensure weld 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 boom nose pin is a captured flag design for enhanced durability.

Three Types Available

There are three basic boom options available to meet your work needs: HD, Standard Reach, and SLR.

Heavy Duty and Standard Reach

This type of boom is best used for reach applications where conditions are optimal such as excavating basements, trenching for utility lines, and working in sewer applications.

SLR = Super Long Reach

This configuration offers reaches to 18 420 mm (60 ft). It is perfectly suited for forming slopes and cleaning settlement tanks and ponds.

Sticks are matched to the boom you choose. Longer sticks are better when you need to dig deep or load trucks. Shorter sticks provide greater breakout force and increase your productivity when using hydromechanical work tools.

Talk to your Cat dealer to pick the best front linkage for your line of work.

Attachments

Tools to make you productive and profitable



Get The Most Out Of One Machine

You can easily expand the performance of your machine by utilizing any of the variety of attachments offered by Cat Work Tools.

Change Jobs Quickly

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

Dig, Finish, Load & Compact

A wide range of buckets dig everything from top soil to harsh, abrasive material. For finishing and grading work, compact and shallow ditch cleaning buckets fit the need. A Cat compactor prepares the area for the next phase of construction.

Mining, Demolition & Scrap

A hydraulic hammer equips your machine for breaking rock in quarries and preparing trenches on construction sites. Taking down bridge pillars and heavily reinforced concrete is no problem. Multi-processor, pulverizer, and shear attachments take your machine into structure demolition jobs and process the debris for reuse and recycle.

Move & Handle

Add a thumb and you have the ability to move and handle brush, rocks, and debris. For constant material handling, a grapple is your solution. Choose from three different styles for picking, sorting, and loading trash, demolition debris, or recyclables.

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 profits. All Cat Work Tool attachments are supported by the same Cat dealer network as your Cat machine.

GRAB, SORT, LOAD



Pro Series Hydraulic Thumbs



Stiff Link Thumbs



Demolition & Sorting Grapple



Contractors' Grapples



Trash Grapples

SWAP TOOLS



Pin Grabber Coupler

DIG & PACK



Ditch Cleaning and Tilt Buckets



General Duty Buckets



Heavy Duty Buckets



Severe Duty Buckets



Extreme Duty Buckets



Vibratory Plate Compactors

CUT, CRUSH, BREAK & RIP



Multi-Processors



Scrap & Demolition Shears



Secondary Pulverizers



Hydraulic Hammers



Rippers

Cat® Connect Technologies

Monitor, manage, and enhance your 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™ wirelessly connect you to your equipment, giving you valuable insight into how your machine or fleet is performing. The system tracks location, hours, fuel usage, productivity, idle time, and diagnostic codes through the online VisionLink® interface so you can make timely, fact-based decisions to maximize efficiency, improve productivity, and lower operating costs.

Cat GRADE with ASSIST Tilt Bucket Capability

Cat GRADE with ASSIST helps operators of all skill levels dig a level base with the right slope each and every time, and now it works with tilt buckets. With a touch of a button, the simple-to-use system automates boom and bucket movements to help operators reach target grade up to 45% faster than using traditional techniques.

Cat Grade Control Depth and Slope

The factory integrated Cat Grade Control system delivers 2D bucket tip elevation guidance to the cab to help operators create precise planes and slopes with ease. Real-time bucket tip elevation guidance on the easy-to-read standard cab monitor indicates how much to cut or fill. Fast response sensors deliver immediate feedback, while optional integrated joystick buttons help operators make quick adjustments to maintain consistent, quality grades. Built-in alerts can be set to warn the operator if the linkage or bucket approaches a predefined elevation or depth, such as when working in areas with low ceilings, or digging near water lines. Staking and checking is minimized, which reduces ground crews and enhances job site safety.

Works best in simple 2D applications, such as digging basements or grading steep embankments. Easily upgrade to AccuGrade™ when 3D control is required.

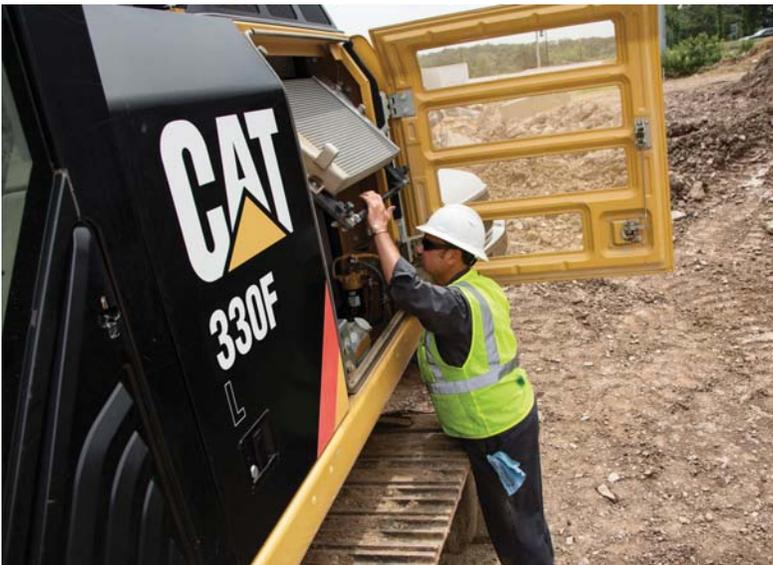
Ground-Level Access

You can reach most routine maintenance items like 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.



Serviceability

Designed to make your maintenance quick and easy



Other Service Benefits

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.

A Cool 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. Wider clearance between the two make blowing off debris easy for you, which can help improve your machine's reliability and performance.

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.

Safety

Features to help protect you day in and day out

A Safe, Quiet Cab

The ROPS cab provides you with a safe working environment when properly seated and belted. 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 top pickup trucks.

Secure Contact Points

Multiple large steps get you into the cab as well as a leg up to the compartments. Extended hand and guard rails allow you to safely climb to the upper deck. Anti-skid plates reduce your slipping hazards in all types of weather conditions, and they can be removed for cleaning.

Great Views

Ample glass gives you excellent visibility out front and to the side, and the standard rearview camera gives you a clear field of view behind the machine through the cab monitor. The available split-configuration windshield features an upper window with handles that make it easy to slide and store above you and a lower window that can be removed and stored on the inside wall of the cab. The large skylight also serves as an emergency exit and provides you with enhanced overhead visibility.

Smart Lighting

Halogen lights provide plenty of illumination, and the 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.





Complete Customer Care

Support you can count on

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.

Advice You Can Trust

What are the job requirements and machine attachments? What production is needed? Your Cat dealer can provide recommendations to help you make the right machine choices.

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.

Support Agreements To Fit Your Needs

Cat dealers offer a variety of customer support agreements and work with you to develop a plan to meet your specific needs. These plans can cover the entire machine, including attachments, to help protect your investment.

Operating Techniques To Boost Your Profits

Improving operating techniques can boost your profits. Your Cat dealer has videos, literature, and other ideas to help you increase productivity. Caterpillar also offers simulators and certified operator training to help maximize the return on your investment.

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.

Sustainability

Generations ahead in every way



- The C7.1 ACERT engine meets Tier 4 Final/Stage IV/Korea Tier 4 Final emission standards.
- The 330F L performs the same amount of work while burning less fuel than the previous E Series model, which means more efficiency, less resources consumed, and fewer CO₂ emissions.
- The 330F L has the flexibility of running on either ultra-low-sulfur diesel (ULSD) fuel with 15 ppm for the EPA standard, 10 ppm for the EU standard of sulfur or less or biodiesel (up to B20) fuel blended with ULSD.
- A ground-level overfill indicator rises when the tank is full to help the operator avoid spilling.
- The QuickEvac™ option ensures fast, easy, and secure changing of engine and hydraulic oil.
- The 330F L is built to be rebuilt with major structures and components capable of being remanufactured to reduce waste and replacement costs.
- An engine oil filter eliminates the need for painted metal cans and aluminum top plates. The cartridge-style spin-on housing enables the internal filter to be separated and replaced; the used internal element can be incinerated to help reduce waste.
- The 330F L is an efficient, productive machine that's designed to conserve our natural resources for generations ahead.

330F L Hydraulic Excavator Specifications

Engine

Engine Model	Cat C7.1 ACERT	
Net Power – SAE J1349/ISO 9249	175 kW	238 hp
Gross Power – SAE J1995	178 kW	242 hp
Engine rpm		
Operation	1,750 rpm	
Travel	1,800 rpm	
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Displacement	7.01 L	428 in ³

• Power rating at 1,800 rpm.

Weights

Minimum Operating Weight*	29 130 kg	64,220 lb
Maximum Operating Weight**	31 730 kg	69,950 lb

*6.15 m (20'2") Reach Boom, R2.65CB2 (8'8") Stick, 600 mm (24") Triple Grouser Shoes, 5.8 mt (6.3 t) Counterweight, 1.76 m³ (2.30 yd³) GD Bucket.

**10.2 m (33'6") SLR Boom, 7.85 m (25'9") Stick, 800 mm (31") Triple Grouser Shoes, 6.75 mt (7.4 t) Counterweight, 0.53 m³ (0.70 yd³) Bucket.

Hydraulic System

Main System – Maximum Flow (Total)	493 L/min	130 gal/min
Maximum Pressure – Equipment Heavy Lift	38 000 kPa	5,511 psi
Maximum Pressure – Equipment Normal	35 000 kPa	5,076 psi
Maximum Pressure – Travel	37 000 kPa	5,366 psi
Maximum Pressure – Swing	27 400 kPa	3,974 psi
Pilot System – Maximum Flow	23 L/min	6.1 gal/min
Pilot System – Maximum Pressure	4100 kPa	595 psi
Boom Cylinder – Bore	140 mm	6 in
Boom Cylinder – Stroke	1407 mm	55 in
Stick Cylinder – Bore	150 mm	6 in
Stick Cylinder – Stroke	1646 mm	65 in
CB2 Bucket Cylinder – Bore	150 mm	5.9 in
CB2 Bucket Cylinder – Stroke	1151 mm	45.3 in

Drive

Maximum Gradeability	35°/70%	
Maximum Travel Speed	5.1 km/h	3.2 mph
Maximum Drawbar Pull	247 kN	55,528 lbf

Swing Mechanism

Swing Speed	9.6 rpm	
Maximum Swing Torque	105 kN·m	77,353 lbf-ft

Service Refill Capacities

Fuel Tank Capacity	520 L	137.4 gal
Cooling System	30 L	7.9 gal
Engine Oil (with filter)	24 L	6.3 gal
Swing Drive (each)	9 L	2.3 gal
Final Drive (each)	6 L	1.6 gal
Hydraulic System (including tank)	310 L	81.9 gal
Hydraulic Tank	175 L	46.2 gal
DEF Tank	41 L	10.8 gal

Track

Number of Shoes (each side)		
Long Undercarriage	50	
Number of Track Rollers (each side)		
Long Undercarriage	9	
Number of Carrier Rollers (each side)		
Long Undercarriage	2	

Sound Performance

ISO 6396		
Operator Noise (Closed)	68 dB(A)	
ISO 6395		
Spectator Noise	104 dB(A)	

- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets the requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in noisy environment.

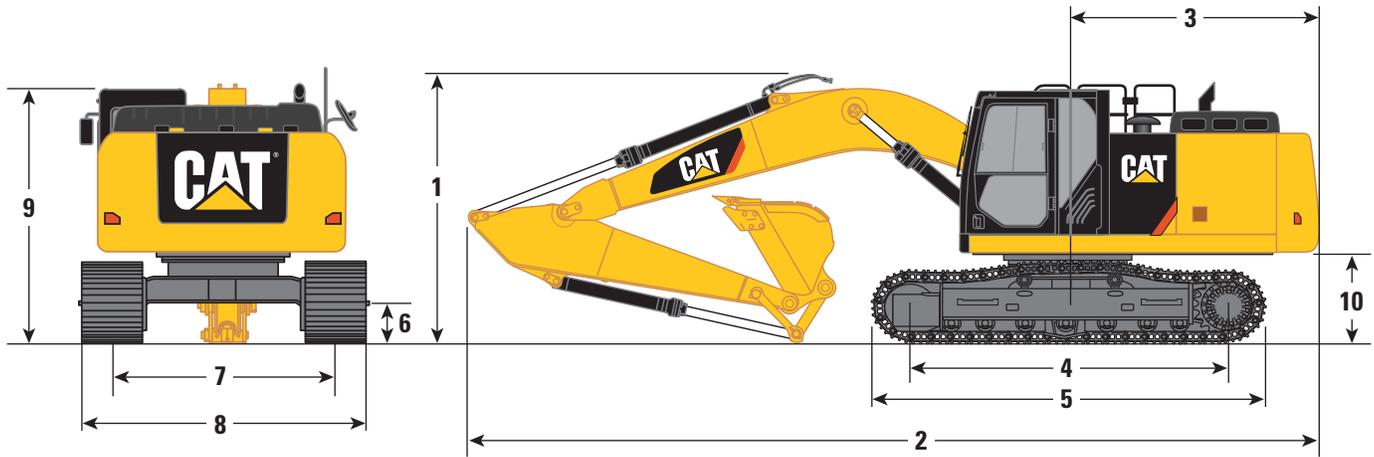
Standards

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

330F L Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



Boom Type	R3.2CB2***^		R2.65CB2***		R3.75CB2****		SLR	
	10'6"		8'8"		12'4"		10.2 m (33'6")	
Stick Size	R3.2CB2***^		R2.65CB2***		R3.75CB2****		SLR****	
	10'6"		8'8"		12'4"		7.85 m (25'9")	
1 Shipping Height*	3370 mm	11'1"	3450 mm	11'4"	3680 mm	12'1"	3230 mm	10'7"
2 Shipping Length	10 390 mm	34'1"	10 400 mm	34'1"	10 380 mm	34'1"	14 440 mm	47'5"
3 Tail Swing Radius	3090 mm	10'2"	3090 mm	10'2"	3090 mm	10'2"	3090 mm	10'2"
4 Length to Center of Rollers								
Long Undercarriage	3990 mm	13'1"	3990 mm	13'1"	3990 mm	13'1"	3990 mm	13'1"
5 Track Length								
Long Undercarriage	4860 mm	15'11"	4860 mm	15'11"	4860 mm	15'11"	4860 mm	15'11"
6 Ground Clearance**	490 mm	1'7"	490 mm	1'7"	490 mm	1'7"	490 mm	1'7"
7 Track Gauge								
Long Undercarriage	2590 mm	8'6"	2590 mm	8'6"	2590 mm	8'6"	2590 mm	8'6"
8 Transport Width								
Long Undercarriage – 600 mm (24") Shoes	3190 mm	10'6"	3190 mm	10'6"	3190 mm	10'6"	3190 mm	10'6"
Long Undercarriage – 700 mm (28") Shoes	3290 mm	10'10"	3290 mm	10'10"	3290 mm	10'10"	3290 mm	10'10"
Long Undercarriage – 800 mm (32") Shoes	3390 mm	11'1"	3390 mm	11'1"	3390 mm	11'1"	3390 mm	11'1"
Long Undercarriage – 900 mm (36") Shoes	3490 mm	11'5"	3490 mm	11'5"	3490 mm	11'5"	3490 mm	11'5"
9 Cab Height*	3040 mm	10'0"	3040 mm	10'0"	3040 mm	10'0"	3040 mm	10'0"
10 Counterweight Clearance**	1110 mm	3'8"	1110 mm	3'8"	1110 mm	3'8"	1110 mm	3'8"

*Including shoe lug height.

**Without shoe lug height.

***Bucket 331-1907 1.54 m³ (2.02 yd³).

****Bucket 331-1906 1.33 m³ (1.74 yd³).

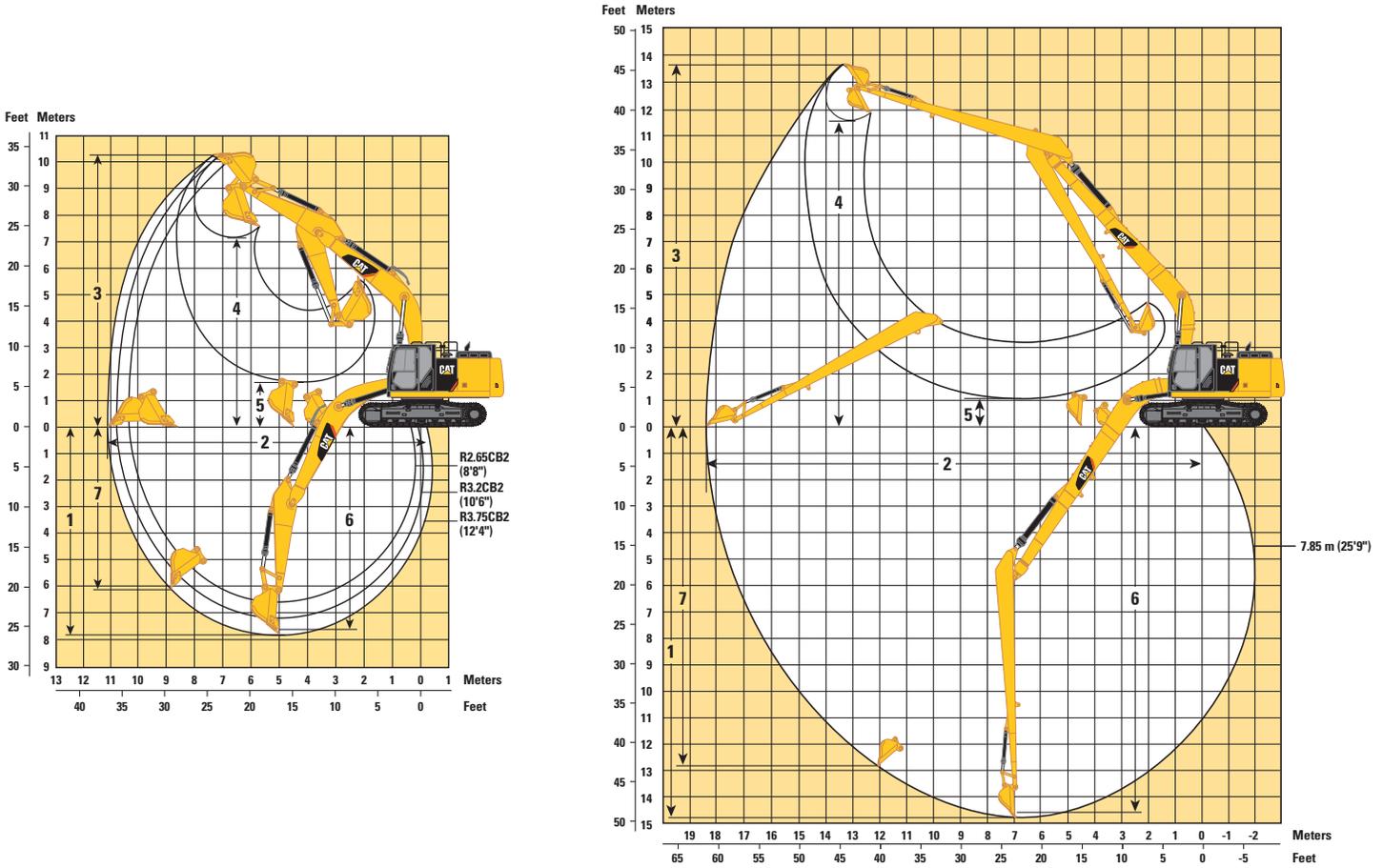
*****Bucket 358-8615 0.53 m³ (0.70 yd³).

^HD is same as standard.

330F L Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.



Boom Type

Reach Boom[^]
6.15 m (20'2")

SLR
10.2 m (33'6")

Stick Size

R3.2CB2[^]
(10'6")

R2.65CB2
(8'8")

R3.75CB2
(12'4")

SLR
7.85 m (25'9")

	R3.2CB2 [^] (10'6")	R2.65CB2 (8'8")	R3.75CB2 (12'4")	SLR 7.85 m (25'9")
1 Maximum Digging Depth	7250 mm 23'9"	6700 mm 22'0"	7800 mm 25'7"	14 750 mm 48'5"
2 Maximum Reach at Ground Level	10 680 mm 35'0"	10 200 mm 33'6"	11 180 mm 36'8"	18 420 mm 60'5"
3 Maximum Cutting Height	10 010 mm 32'10"	9900 mm 32'6"	10 190 mm 33'5"	13 620 mm 44'8"
4 Maximum Loading Height	6950 mm 22'10"	6800 mm 22'4"	7140 mm 23'5"	11 420 mm 37'6"
5 Minimum Loading Height	2290 mm 7'6"	2840 mm 9'4"	1740 mm 5'9"	1170 mm 3'10"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	7090 mm 23'3"	6520 mm 21'5"	7660 mm 25'2"	14 650 mm 48'1"
7 Maximum Vertical Wall Digging Depth	5980 mm 19'7"	5680 mm 18'8"	6420 mm 21'1"	12 690 mm 41'8"

Bucket Type

HD

GD

HD

GD

Bucket Part Number

331-1907

346-0831

331-1906

358-8615

Bucket Capacity

1.54 m³ 2.02 yd³

1.76 m³ 2.30 yd³

1.33 m³ 1.74 yd³

0.53 m³ 0.70 yd³

Bucket Tip Radius

1650 mm 5'5"

1650 mm 5'5"

1650 mm 5'5"

1225 mm 4'0"

[^]HD is same as standard.

330F L Hydraulic Excavator Specifications

Operating Weights

Boom	Stick	Bucket	Track Shoes – Long Undercarriage							
			600 mm (24") DG	600 mm (24") SG	600 mm (24") TG	600 mm (24") TG HD	700 mm (28") TG	700 mm (28") TG HD	800 mm (32") TG	900 mm (35") TG
Reach Boom – 6.15 m (20'2")	R3.2CB2 (10'6")	CB1350HD	29 810 kg (65,720 lb)	29 660 kg (65,390 lb)	29 380 kg (64,770 lb)	29 930 kg (65,980 lb)	29 720 kg (65,520 lb)	30 360 kg (66,930 lb)	30 350 kg (66,910 lb)	30 730 kg (67,750 lb)
HD Reach Boom – 6.15 m (20'2")	R3.2CB2 (10'6") HD	CB1350HD	30 150 kg (66,470 lb)		29 720 kg (65,520 lb)				30 690 kg (67,660 lb)	
Reach Boom – 6.15 m (20'2")	R2.65CB2 (8'8")	CB1350HD	29 650 kg (65,370 lb)		29 220 kg (64,420 lb)	29 770 kg (65,630 lb)	29 560 kg (65,170 lb)	30 200 kg (66,580 lb)	30 190 kg (66,560 lb)	30 570 kg (67,400 lb)
Reach Boom – 6.15 m (20'2")	R3.75CB2 (12'4")	CB1233HD		29 820 kg (65,740 lb)					30 430 kg (67,090 lb)	
Super Long Reach – 10.2 m (33'6")	SLR 7.85 m (25'9")	A1200DC		29 800 kg (65,700 lb)	30 700 kg (67,680 lb)				31 670 kg (69,820 lb)	

Operating Weights are based on ISO 6016 – 8660 kg (19,080 lb).

Ground Pressures

Boom	Stick	Bucket	Track Shoes – Long Undercarriage							
			600 mm (24") DG	600 mm (24") SG	600 mm (24") TG	600 mm (24") TG HD	700 mm (28") TG	700 mm (28") TG HD	800 mm (32") TG	900 mm (35") TG
Reach Boom – 6.15 m (20'2")	R3.2CB2 (10'6")	CB1350HD	56.7 kPa (8.2 psi)	56.4 kPa (8.2 psi)	55.9 kPa (8.1 psi)	56.9 kPa (8.3 psi)	48.4 kPa (7.0 psi)	49.5 kPa (7.2 psi)	43.3 kPa (6.3 psi)	38.9 kPa (5.6 psi)
HD Reach Boom – 6.15 m (20'2")	R3.2CB2 (10'6") HD	CB1350HD	57.3 kPa (8.3 psi)		56.5 kPa (8.2 psi)				43.8 kPa (6.3 psi)	
Reach Boom – 6.15 m (20'2")	R2.65CB2 (8'8")	CB1350HD	56.4 kPa (8.2 psi)		55.6 kPa (8.1 psi)	56.6 kPa (8.2 psi)	48.2 kPa (7.0 psi)	49.2 kPa (7.1 psi)	43.0 kPa (6.2 psi)	38.7 kPa (5.6 psi)
Reach Boom – 6.15 m (20'2")	R3.75CB2 (12'4")	CB1233HD		56.7 kPa (8.2 psi)					43.4 kPa (6.3 psi)	
Super Long Reach – 10.2 m (33'6")	SLR 7.85 m (25'9")	A1200DC		56.7 kPa (8.2 psi)	58.4 kPa (8.5 psi)				45.2 kPa (6.5 psi)	

Operating Weights are based on ISO 6016 – 8660 kg (19,080 lb).

Bucket and Stick Forces

	Stick	Bucket	Stick Cylinder		Bucket Cylinder	
			kN	lbf	kN	lbf
ISO: Cutting Edge						
Reach Boom – 6.15 m (20'2")	R2.65CB2 (8'8")	1.76 m ³ (2.30 yd ³) GD	145	32,600	180	40,470
Reach Boom – 6.15 m (20'2")	R3.2CB2 (10'6")	1.54 m ³ (2.02 yd ³) HD	126	28,330	179	40,240
Reach Boom – 6.15 m (20'2")	R3.75CB2 (12'4")	1.33 m ³ (1.74 yd ³) HD	114	25,628	179	40,240
SAE: Bucket Tip						
Reach Boom – 6.15 m (20'2")	R2.65CB2 (8'8")	1.76 m ³ (2.30 yd ³) GD	141	31,700	161	36,190
Reach Boom – 6.15 m (20'2")	R3.2CB2 (10'6")	1.54 m ³ (2.02 yd ³) HD	123	27,650	158	35,520
Reach Boom – 6.15 m (20'2")	R3.75CB2 (12'4")	1.33 m ³ (1.74 yd ³) HD	111	24,954	158	35,520

330F L Hydraulic Excavator Specifications

Major Component Weights

	kg	lb
Base Machine (includes boom cylinders, pins, and fluids)	8660	19,080
Full Fuel Tank	420	910
Counterweight		
Machines Equipped with Reach or HD Reach Boom	5800	12,790
Machines Equipped with SLR Boom	6750	14,880
Boom (includes lines, pins, and stick cylinder)		
Reach Boom – 6.15 m (20'2")	2240	4,940
HD Reach Boom – 6.15 m (20'2")	2390	5,260
Super Long Reach – 10.2 m (33'6")	3270	7,200
Stick (includes lines, stick pins, bucket pins, and bucket cylinder)		
R3.2CB2 (10'6")	1180	2,600
R3.2CB2 (10'6") HD	1370	3,010
R2.65CB2 (8'8")	1020	2,240
R3.75CB2 (12'4")	1340	2,960
SLR 7.85 m (25'9")	1510	3,330
Bucket Linkage		
CB2 with Lifting Eye	290	650
A with Lifting Eye	100	220
Undercarriage		
Long Undercarriage	6000	13,220
Track Shoes		
600 mm (24") Double Grouser Shoes for Long Undercarriage	3860	8,500
600 mm (24") Single Grouser Shoes for Long Undercarriage	4010	8,830
600 mm (24") Triple Grouser Shoes for Long Undercarriage	3580	7,900
800 mm (32") Triple Grouser Shoes for Long Undercarriage	4550	10,020
Buckets		
CB1233HD – 1.33 m ³ (1.74 yd ³) (331-1906)	1050	2,310
CB1350HD – 1.54 m ³ (2.02 yd ³) (331-1907)	1130	2,490
CB1500GD – 1.76 m ³ (2.30 yd ³) (346-0831)	1040	2,300
A1200DC – 0.57 m ³ (0.75 yd ³) (452-6069)	330	720
A905GD – 0.53 m ³ (0.70 yd ³) (358-8615)	390	870
Quick Couplers		
Pin Grabber Type CB without Pin (349-7473)	500	1,110
Pin Grabber Type CB with Pin (356-8109)	530	1,170

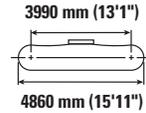
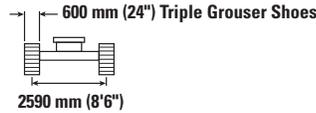
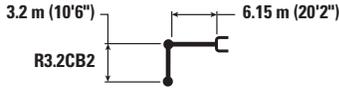
All weights are rounded up to nearest 10 kg and lb except for buckets. Kg and lb were rounded up separately so some of the kg and lb do not match.

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

The above bucket weights include the bucket pins [each pin = 21.3 kg (47 lb); 2 × pins required].

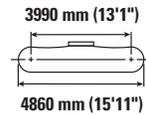
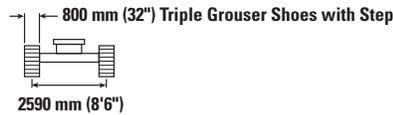
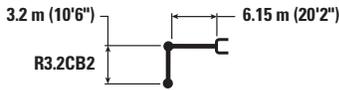
330F L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket: Heavy Lift On



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb													*5600 *12,450	*5600 *12,450	7280 290
6000 mm 240 in	kg lb									*7900 *16,700	5950 12,800			*5350 *11,800	5100 11,350	8230 330
4500 mm 180 in	kg lb							*9200 *20,000	8200 17,600	*8350 *18,250	5850 12,550			*5350 *11,700	4500 9,950	8830 350
3000 mm 120 in	kg lb					*14 200 *30,500	11 900 25,600	*10 750 *23,250	7800 16,800	8700 18,700	5650 12,150	*6500 4300		*5450 *12,000	4200 9,200	9140 360
1500 mm 60 in	kg lb					*16 900 *36,500	11 150 24,050	11 900 25,600	7450 16,050	8500 18,250	5450 11,750	6500 *13,700	4200 9,000	*5800 *12,750	4100 8,950	9190 370
0 mm 0 in	kg lb					*18 200 *39,400	10 800 23,250	11 650 25,000	7200 15,500	8350 17,900	5300 11,400			*6400 *14,050	4150 9,100	8990 360
-1500 mm -60 in	kg lb	*6750 *15,100	*6750 *15,100	*10 600 *24,100	*10 600 *24,100	*18 200 *39,400	10 700 23,050	11 500 24,700	7100 15,250	8250 17,750	5250 11,300			6900 15,200	4450 9,750	8530 340
-3000 mm -120 in	kg lb	*12 150 *27,200	*12 150 *27,200	*17 150 *38,950	*17 150 *38,950	*17 050 *36,950	10 800 23,200	11 550 24,800	7100 15,300	8300 17,900	5300 11,400			7950 17,600	5100 11,250	7740 310
-4500 mm -180 in	kg lb			*19 800 *42,600	*19 800 *42,600	*14 550 *31,200	11 000 23,700	*10 750 *22,800	7300 15,750					*9450 *20,800	6550 14,650	6520 260

Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket: Heavy Lift On



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb													*5600 *12,450	*5600 *12,450	7280 290
6000 mm 240 in	kg lb									*7900 *16,700	6100 13,150			*5350 *11,800	5250 11,650	8230 330
4500 mm 180 in	kg lb							*9200 *20,000	8400 18,100	*8350 *18,250	6000 12,900			*5350 *11,700	4650 10,250	8830 350
3000 mm 120 in	kg lb					*14 200 *30,500	12 200 26,300	*10 750 *23,250	8000 17,250	8950 19,250	5800 12,500	*6500 4400		*5450 *12,000	4300 9,500	9140 360
1500 mm 60 in	kg lb					*16 900 *36,500	11 500 24,750	*12 250 *26,400	7650 16,500	8750 18,800	5600 12,100	6700 *13,700	4350 9,300	*5800 *12,750	4200 9,250	9190 370
0 mm 0 in	kg lb					*18 200 *39,400	11 150 23,950	12 000 25,750	7400 15,950	8600 18,450	5450 11,750			*6400 *14,050	4300 9,400	8990 360
-1500 mm -60 in	kg lb	*6750 *15,100	*6750 *15,100	*10 600 *24,100	*10 600 *24,100	*18 200 *39,400	11 050 23,700	11 850 25,500	7300 15,700	8500 18,300	5400 11,650			7150 15,700	4600 10,100	8530 340
-3000 mm -120 in	kg lb	*12 150 *27,200	*12 150 *27,200	*17 150 *38,950	*17 150 *38,950	*17 050 *36,950	11 100 23,900	11 900 25,550	7300 15,750	8550 18,450	5450 11,750			8200 18,200	5250 11,600	7740 310
-4500 mm -180 in	kg lb			*19 800 *42,600	*19 800 *42,600	*14 550 *31,200	11 350 24,400	*10 750 *22,800	7500 16,200					*9450 *20,800	6750 15,100	6520 260



ISO 10567



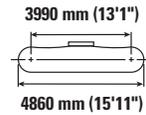
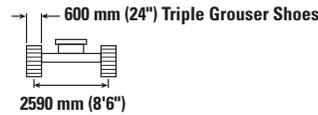
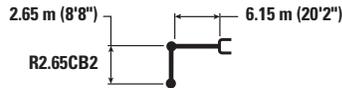
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

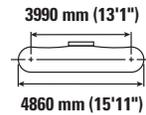
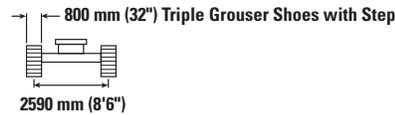
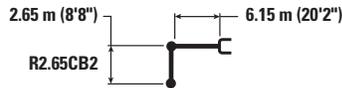
330F L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket: Heavy Lift On



Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket: Heavy Lift On	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		3990 mm (13'11") 4860 mm (15'11")		mm in
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	
7500 mm 300 in					*19,200	18,250			*7350	7150	6670
6000 mm 240 in					*8950	8400	*8400	5900	*6900	5650	7700
4500 mm 180 in			*12,300	*12,300	*10,050	8150	8900	5800	*6850	4950	8340
3000 mm 120 in			*26,400	*26,400	*21,750	17,500	19,100	12,500	*15,050	10,900	330
1500 mm 60 in			*15,500	11,750	*11,500	7800	8700	5650	*7000	4600	8670
0 mm 0 in			*33,350	25,300	*24,900	16,750	18,750	12,200	*15,400	10,100	340
-1500 mm -60 in			*16,550	11,150	11,950	7450	8550	5500	6850	4450	8720
-3000 mm -120 in			*38,500	24,000	25,650	16,100	18,350	11,850	15,050	9,800	350
-4500 mm -180 in			*17,550	10,900	11,700	7300	8400	5400	7050	4550	8510
			*40,150	23,500	25,150	15,700	18,100	11,600	15,500	10,050	340
			*18,000	10,900	11,650	7200	8400	5350	7650	4950	8020
			*23,650	23,450	25,000	15,550	18,050	11,550	16,850	10,900	320
			*19,400	11,000	11,700	7300			9050	5800	7180
			*44,200	23,700	25,200	15,700			20,050	12,800	290
			*17,350	11,300					*9600	7850	5830
				24,350					*21,050	17,650	230

Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket: Heavy Lift On



Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket: Heavy Lift On	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		3990 mm (13'11") 4860 mm (15'11")		mm in
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	
7500 mm 300 in					*19,200	18,700			*7350	7350	6670
6000 mm 240 in					*8950	8650	*8400	6100	*6900	5800	7700
4500 mm 180 in			*12,300	*12,300	*10,050	8350	*9000	6000	*6850	5100	8340
3000 mm 120 in			*26,400	*26,400	*21,750	18,000	*19,650	12,850	*15,050	11,250	330
1500 mm 60 in			*15,500	12,050	*11,500	8000	8950	5850	*7000	4700	8670
0 mm 0 in			*33,350	26,000	*24,900	17,250	19,300	12,550	*15,400	10,400	340
-1500 mm -60 in			*16,550	11,450	12,300	7700	8800	5650	7050	4600	8720
-3000 mm -120 in			*38,500	24,700	26,450	16,550	18,900	12,200	15,550	10,100	350
-4500 mm -180 in			*17,550	11,250	12,050	7500	8650	5550	7250	4700	8510
			*40,150	24,200	25,950	16,150	18,650	11,950	15,950	10,350	340
			*18,000	11,250	12,000	7450	8650	5550	7900	5100	8020
			*23,650	24,150	25,800	16,000	18,600	11,900	17,400	11,200	320
			*19,400	11,350	12,050	7500			9300	5950	7180
			*44,200	24,400	25,950	16,150			20,650	13,200	290
			*17,350	11,650					*9600	8100	5830
				25,050					*21,050	18,150	230



ISO 10567



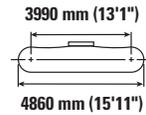
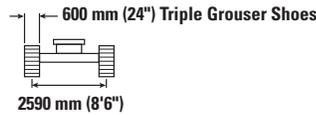
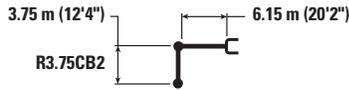
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Lift capacity stays with ±5% for all available track shoes.

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

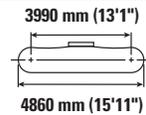
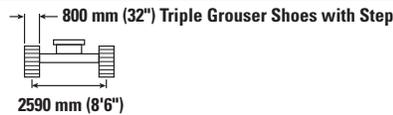
330F L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket: Heavy Lift On



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb									*5950 *11,950	*5950 *11,950			*4750 *10,500	*4750 *10,500	7890 310
6000 mm 240 in	kg lb									*7150 *15,550	6000 12,850			*4550 *10,050	*4550 *10,050	8780 350
4500 mm 180 in	kg lb							*18,100	17,750	*7700 *16,800	5850 12,500	*6000 *11,850	4350 9,300	*4550 *9,950	4050 9,000	9340 370
3000 mm 120 in	kg lb					*12 800 *27,500	12 050 26,000	*9950 *21,500	7850 16,850	*8550 *18,550	5600 12,050	6550 14,050	4250 9,100	*4650 *10,200	3800 8,350	9640 380
1500 mm 60 in	kg lb					*15 850 *34,150	11 200 24,150	*11 550 *25,000	7400 15,950	8450 18,150	5400 11,600	6400 13,800	4150 8,850	*4900 *10,800	3700 8,100	9690 390
0 mm 0 in	kg lb			*6500 *14,900	*6500 *14,900	*17 650 *38,150	10 750 23,100	11 550 24,850	7100 15,300	8250 17,700	5200 11,200	6300 13,550	4050 8,700	*5350 *11,800	3750 8,250	9500 380
-1500 mm -60 in	kg lb	*6400 *14,250	*6400 *14,250	*10 250 *23,200	*10 250 *23,200	*18 100 *39,250	10 550 22,650	11 400 24,450	6950 14,950	8150 17,500	5100 11,000	6300 13,550	4000	*6150 *13,550	3950 8,750	9060 360
-3000 mm -120 in	kg lb	*10 650 *23,850	*10 650 *23,850	*15 300 *34,750	*15 300 *34,750	*17 450 *37,800	10 550 22,650	11 350 24,400	6950 14,900	8100 17,500	5100 11,000			7050 15,550	4450 9,900	8320 330
-4500 mm -180 in	kg lb	*15 850	*15 850	*21 850 *47,050	*21 500 46,000	*15 550 *33,450	10 700 23,050	11 500 24,700	7050 15,200					8750 19,600	5550 12,350	7200 280
-6000 mm -240 in	kg lb					*11 350 *23,650	11 150 *23,650							*8850 *21,350	8450 21,200	5460 200

Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket: Heavy Lift On



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb									*5950 *11,950	*5950 *11,950			*4750 *10,500	*4750 *10,500	7890 310
6000 mm 240 in	kg lb									*7150 *15,550	6150 13,200			*4550 *10,050	*4550 *10,050	8780 350
4500 mm 180 in	kg lb							*18,100	*18,100	*7700 *16,800	6000 12,850	*6000 *11,850	4450 9,550	*4550 *9,950	4200 9,250	9340 370
3000 mm 120 in	kg lb					*12 800 *27,500	12 400 26,700	*9950 *21,500	8050 17,300	*8550 *18,550	5800 12,400	6750 14,450	4350 9,400	*4650 *10,200	3900 8,600	9640 380
1500 mm 60 in	kg lb					*15 850 *34,150	11 550 24,850	*11 550 *25,000	7650 16,450	8700 18,700	5550 11,950	6600 14,200	4250 9,150	*4900 *10,800	3800 8,400	9690 390
0 mm 0 in	kg lb			*6500 *14,900	*6500 *14,900	*17 650 *38,150	11 050 23,750	11 900 25,600	7350 15,800	8500 18,300	5400 11,550	6500 14,000	4150 8,950	*5350 *11,800	3850 8,500	9500 380
-1500 mm -60 in	kg lb	*6400 *14,250	*6400 *14,250	*10 250 *23,200	*10 250 *23,200	*18 100 *39,250	10 850 23,350	11 750 25,200	7150 15,450	8400 18,050	5300 11,350	6500	4150	*6150 *13,550	4100 9,050	9060 360
-3000 mm -120 in	kg lb	*10 650 *23,850	*10 650 *23,850	*15 300 *34,750	*15 300 *34,750	*17 450 *37,800	10 850 23,350	11 700 25,150	7150 15,400	8400 18,050	5250 11,350			7250 16,050	4600 10,200	8320 330
-4500 mm -180 in	kg lb	*15 850	*15 850	*21 850 *47,050	*21 850 *47,050	*15 550 *33,450	11 050 23,750	*11 650 *24,900	7250 15,650					*9000 *19,850	5700 12,750	7200 280
-6000 mm -240 in	kg lb					*11 350 *23,650	*11 350 *23,650							*8850 *21,350	8700 21,350	5460 200



ISO 10567



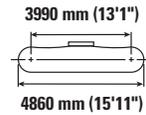
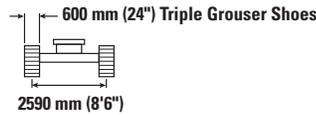
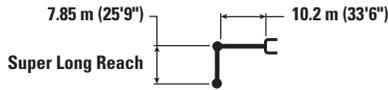
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Lift capacity stays with ±5% for all available track shoes.

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

330F L Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 6.75 mt (7.4 t) – without Bucket



Reach mm in	kg lb	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in			
		kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb								
12 000 mm 480 in														*1350 *2,950	*1350 *2,950	14 030 550	
10 500 mm 420 in														*1300 *2,800	*1300 *2,800	15 000 580	
9000 mm 360 in														*1250 *2,750	*1250 *2,750	15 770 620	
7500 mm 300 in														*1250 *2,750	*1250 *2,750	16 370 650	
6000 mm 240 in														*1250 *2,750	*1250 *2,750	16 810 660	
4500 mm 180 in														*1300 *2,800	*1300 *2,800	17 110 680	
3000 mm 120 in				*4150	*4150								*4150 *9,000	*4150 *9,000	*1350 *2,900	*1350 *2,900	17 270 680
1500 mm 60 in				*1550 *3,550	*1550 *3,550	*5200 *12,200	*5200 *12,200	*7400 *15,900	7350 *15,900	*5700 *12,350	5500 11,850	*4750 *10,300	4300 9,200	*1400 *3,000	*1400 *3,000	17 300 680	
0 mm 0 in				*1650 *3,750	*1650 *3,750	*3600 *8,250	*3600 *8,250	*8250 *18,450	6600 14,300	*6500 *14,100	5000 10,800	*5300 *11,500	3950 8,500	*1450 *3,150	*1450 *3,150	17 190 680	
-1500 mm -60 in		*1650 *3,600	*1650 *3,600	*2150 *4,800	*2150 *4,800	*3550 *8,000	*3550 *8,000	*6500 *14,950	6150 13,250	*7150 *15,450	4650 10,000	*5800 *12,550	3700 7,950	*1550 *3,400	*1450 *3,150	16 960 670	
-3000 mm -120 in		*2250 *4,950	*2250 *4,950	*2750 *6,100	*2750 *6,100	*3900 *8,750	*3900 *8,750	*6250 *14,250	5900 12,650	7500 16,150	4400 9,500	5850 12,600	3500 7,500	*1650 *3,650	*1450 *3,200	16 580 660	
-4500 mm -180 in		*2850 *6,300	*2850 *6,300	*3350 *7,500	*3350 *7,500	*4450 *10,000	*4450 *10,000	*6550 *14,950	5750 12,400	7350 15,800	4300 9,200	5700 12,300	3400 7,250	*1850 *4,050	*1550 *3,350	16 050 630	
-6000 mm -240 in		*3450 *7,700	*3450 *7,700	*4050 *9,050	*4050 *9,050	*5150 *11,650	*5150 *11,650	*7250 *16,500	5750 12,350	7300 15,700	4250 9,100	5650 12,150	3300 7,150	*2050 *4,600	*1650 *3,600	15 360 610	
-7500 mm -300 in		*4150 *9,250	*4150 *9,250	*4800 *10,800	*4800 *10,800	*6000 *13,600	*6000 *13,600	*8250 *18,800	5800 12,500	7300 15,750	4250 9,150	5650 12,200	3350 7,150	*2400 *5,350	*1800 *4,000	14 480 570	
-9000 mm -360 in		*4850 *10,900	*4850 *10,900	*5650 *12,750	*5650 *12,750	*7050 *15,950	*7050 *15,950	*9550 *20,550	5950 12,800	7400 15,950	4350 9,350	5700 12,350	3400 7,300	*2950 *6,600	*2050 *4,550	13 370 530	
-10 500 mm -420 in		*5650 *12,700	*5650 *12,700	*6650 *15,000	*6650 *15,000	*8350 *19,000	*8350 *19,000	*8800 *18,900	6150 13,300	*7150 *15,300	4500 9,700	5850 12,650	3500 7,550	*3900 *8,900	*2450 *5,550	11 970 470	
-12 000 mm -480 in				*7800 *17,700	*7800 *17,700	*9750 *20,650	*9750 *20,650	*7650 *16,250	6450 14,000	*6250 *13,150	4750 10,250	*5100 *10,650	3700 8,100	*4300 *9,550	*3200 *7,350	10 150 390	
-13 500 mm -540 in														*4850	*4850	7110	



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* 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.

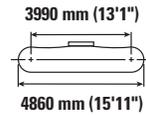
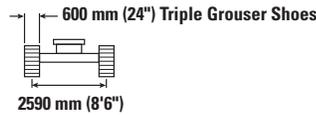
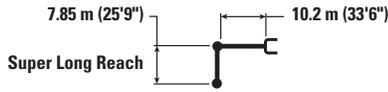
Lift capacity stays with ±5% for all available track shoes.

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

(continued on next page)

330F L Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 6.75 mt (7.4 t) – without Bucket (continued)



Reach (mm/in)	Unit	10 500 mm/420 in		12 000 mm/480 in		13 500 mm/540 in		15 000 mm/600 in		16 500 mm/660 in		mm in		
		ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO			
12 000 mm 480 in	kg lb					*3,350	*3,350					*1350 *2,950	*1350 *2,950	14 030 550
10 500 mm 420 in	kg lb											*1300 *2,800	*1300 *2,800	15 000 590
9000 mm 360 in	kg lb							*2050 *3,950	*2050 *3,950			*1250 *2,750	*1250 *2,750	15 770 620
7500 mm 300 in	kg lb					*2650 *5,800	*2650 *5,800	*2550 *5,150	2250 4,750			*1250 *2,750	*1250 *2,750	16 370 650
6000 mm 240 in	kg lb					*2800 *6,100	2700 5,700	*2750 *6,050	2200 4,600	*1700 *2,850	*1700 *2,850	*1250 *2,750	*1250 *2,750	16 810 660
4500 mm 180 in	kg lb			*3100 *6,750	*3100 6,750	*3000 *6,500	2550 5,500	*2900 *6,300	2100 4,450	*2100 *3,850	1700 3,650	*1300 *2,800	*1300 *2,800	17 110 680
3000 mm 120 in	kg lb	*3700 *8,050	3700 7,900	*3400 *7,400	3000 6,400	*3200 *6,950	2450 5,200	*3050 *6,600	2000 4,300	*2350 *4,500	1650 3,550	*1350 *2,900	*1350 *2,900	17 270 680
1500 mm 60 in	kg lb	*4150 *8,950	3450 7,350	*3700 *8,050	2800 6,000	*3400 *7,400	2300 4,950	3100 6,700	1950 4,100	*2550 *4,800	1600 3,400	*1400 *3,000	*1400 *3,000	17 300 680
0 mm 0 in	kg lb	*4550 *9,850	3200 6,850	*4000 *8,700	2650 5,650	3550 7,650	2200 4,700	3050 6,500	1850 3,950	*2550 *4,800	1550 3,300	*1450 *3,150	*1450 3,150	17 190 680
-1500 mm -60 in	kg lb	*4900 10,550	3000 6,450	4100 8,750	2500 5,350	3450 7,400	2100 4,500	2950 6,350	1750 3,800	*2400 *4,150	1500 3,200	*1550 *3,400	*1450 3,150	16 960 670
-3000 mm -120 in	kg lb	4750 10,200	2850 6,150	3950 8,500	2400 5,100	3350 7,200	2000 4,300	2900 6,200	1700 3,650	*1850 1500		*1650 *3,650	*1450 3,200	16 580 660
-4500 mm -180 in	kg lb	4650 10,000	2750 5,950	3900 8,350	2300 4,950	3300 7,100	1950 4,200	2850 6,150	1700 3,600			*1850 *4,050	1550 3,350	16 050 630
-6000 mm -240 in	kg lb	4600 9,850	2700 5,800	3850 8,250	2250 4,850	3300 7,050	1950 4,150	2850 *4,950	1700 3,600			*2050 *4,600	1650 3,600	15 360 610
-7500 mm -300 in	kg lb	4600 9,850	2700 5,850	3850 8,250	2250 4,900	3300 7,100	1950 4,200					*2400 *5,350	1800 4,000	14 480 570
-9000 mm -360 in	kg lb	4650 10,000	2750 5,950	3900 8,400	2350 5,000							*2950 *6,600	2050 4,550	13 370 530
-10 500 mm -420 in	kg lb	4750 10,300	2850 6,200									*3900 *8,900	2450 5,550	11 970 470
-12 000 mm -480 in	kg lb											*4300 *9,550	3200 7,350	10 150 390
-13 500 mm -540 in	kg lb											*4850	*4850	7110



ISO 10567



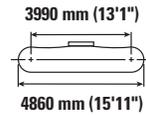
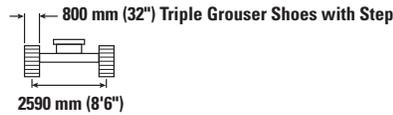
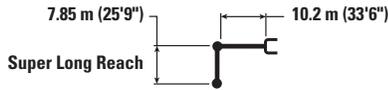
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Lift capacity stays with ±5% for all available track shoes.

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

330F L Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 6.75 mt (7.4 t) – without Bucket



Reach mm in	kg lb	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in			
		kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb								
12 000 mm 480 in														*1350 *2,950	*1350 *2,950	14 030 550	
10 500 mm 420 in														*1300 *2,800	*1300 *2,800	15 000 580	
9000 mm 360 in														*1250 *2,750	*1250 *2,750	15 770 620	
7500 mm 300 in														*1250 *2,750	*1250 *2,750	16 370 650	
6000 mm 240 in														*1250 *2,750	*1250 *2,750	16 810 660	
4500 mm 180 in														*1300 *2,800	*1300 *2,800	17 110 680	
3000 mm 120 in				*4150	*4150								*4150 *9,000	*4150 *9,000	*1350 *2,900	*1350 *2,900	17 270 680
1500 mm 60 in				*1550 *3,550	*1550 *3,550	*5200 *12,200	*5200 *12,200	*7400 *15,900	*7400 *15,900	*5700 *12,350	5650 12,200	*4750 *10,300	4400 9,500	*1400 *3,000	*1400 *3,000	17 300 680	
0 mm 0 in				*1650 *3,750	*1650 *3,750	*3600 *8,250	*3600 *8,250	*8250 *18,450	6850 14,750	*6500 *14,100	5150 11,150	*5300 *11,500	4100 8,800	*1450 *3,150	*1450 *3,150	17 190 680	
-1500 mm -60 in		*1650 *3,600	*1650 *3,600	*2150 *4,800	*2150 *4,800	*3550 *8,000	*3550 *8,000	*6500 *14,950	6350 13,700	*7150 *15,450	4800 10,350	*5800 *12,550	3800 8,200	*1550 *3,400	*1500 *3,300	16 960 670	
-3000 mm -120 in		*2250 *4,950	*2250 *4,950	*2750 *6,100	*2750 *6,100	*3900 *8,750	*3900 *8,750	*6250 *14,250	6100 13,150	*7600 *16,450	4600 9,850	6050 13,000	3650 7,800	*1650 *3,650	1550 3,350	16 580 660	
-4500 mm -180 in		*2850 *6,300	*2850 *6,300	*3350 *7,500	*3350 *7,500	*4450 *10,000	*4450 *10,000	*6550 *14,950	6000 12,850	7600 16,400	4450 9,550	5900 12,750	3500 7,550	*1850 *4,050	1600 3,500	16 050 630	
-6000 mm -240 in		*3450 *7,700	*3450 *7,700	*4050 *9,050	*4050 *9,050	*5150 *11,650	*5150 *11,650	*7250 *16,500	5950 12,850	7550 16,250	4400 9,450	5850 12,600	3450 7,450	*2050 *4,600	1700 3,750	15 360 610	
-7500 mm -300 in		*4150 *9,250	*4150 *9,250	*4800 *10,800	*4800 *10,800	*6000 *13,600	*6000 *13,600	*8250 *18,800	6050 13,000	7600 16,300	4400 9,500	5850 12,600	3450 7,450	*2400 *5,350	1900 4,150	14 480 570	
-9000 mm -360 in		*4850 *10,900	*4850 *10,900	*5650 *12,750	*5650 *12,750	*7050 *15,950	*7050 *15,950	*9550 *20,550	6150 13,300	*7650 *16,500	4500 9,700	5900 12,750	3500 7,550	*2950 *6,600	2150 4,750	13 370 530	
-10 500 mm -420 in		*5650 *12,700	*5650 *12,700	*6650 *15,000	*6650 *15,000	*8350 *19,000	*8350 *19,000	*11,800 *26,500	6350 13,750	*7150 *15,300	4650 10,050	*5900 *12,650	3650 7,850	*3900 *8,900	2550 5,750	11 970 470	
-12 000 mm -480 in				*7800 *17,700	*7800 *17,700	*9750 *20,650	*9750 *20,650	*16,250 *36,500	6700 14,500	*6250 *13,150	4900 10,600	*5100 *10,650	3850 8,350	*4300 *9,550	3300 7,600	10 150 390	
-13 500 mm -540 in														*4850	*4850	7110	



ISO 10567



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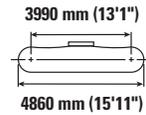
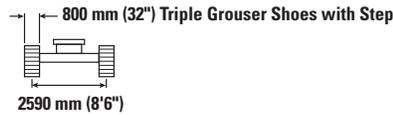
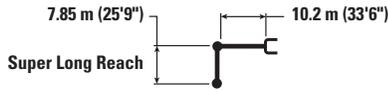
Lift capacity stays with ±5% for all available track shoes.

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

(continued on next page)

330F L Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 6.75 mt (7.4 t) – without Bucket (continued)



Reach (mm/in)	kg lb	10 500 mm/420 in		12 000 mm/480 in		13 500 mm/540 in		15 000 mm/600 in		16 500 mm/660 in		mm in		
12 000 mm 480 in	kg lb					*3,350	*3,350					*1,350 *2,950	*1,350 *2,950	14 030 550
10 500 mm 420 in	kg lb											*1,300 *2,800	*1,300 *2,800	15 000 590
9000 mm 360 in	kg lb							*2,050 *3,950	*2,050 *3,950			*1,250 *2,750	*1,250 *2,750	15 770 620
7500 mm 300 in	kg lb					*2,650 *5,800	*2,650 *5,800	*2,550 *5,150	*2,300 *4,900			*1,250 *2,750	*1,250 *2,750	16 370 650
6000 mm 240 in	kg lb					*2,800 *6,100	*2,750 *5,900	*2,750 *6,050	*2,250 *4,800	*1,700 *2,850	*1,700 *2,850	*1,250 *2,750	*1,250 *2,750	16 810 660
4500 mm 180 in	kg lb			*3,100 *6,750	*3,100 *6,750	*3,000 *6,500	*2,650 *5,650	*2,900 *6,300	*2,150 *4,650	*2,100 *3,850	*1,800 *3,800	*1,300 *2,800	*1,300 *2,800	17 110 680
3000 mm 120 in	kg lb	*3,700 *8,050	*3,700 *8,050	*3,400 *7,400	*3,050 *6,600	*3,200 *6,950	*2,500 *5,400	*3,050 *6,600	*2,100 *4,450	*2,350 *4,500	*1,750 *3,650	*1,350 *2,900	*1,350 *2,900	17 270 680
1500 mm 60 in	kg lb	*4,150 *8,950	*3,500 *7,600	*3,700 *8,050	*2,900 *6,200	*3,400 *7,400	*2,400 *5,150	*3,200 *6,900	*2,000 *4,250	*2,550 *4,800	*1,700 *3,550	*1,400 *3,000	*1,400 *3,000	17 300 680
0 mm 0 in	kg lb	*4,550 *9,850	*3,300 *7,100	*4,000 *8,700	*2,750 *5,850	*3,650 *7,900	*2,300 *4,850	*3,150 *6,750	*1,900 *4,100	*2,550 *4,800	*1,600 *3,450	*1,450 *3,150	*1,450 *3,150	17 190 680
-1500 mm -60 in	kg lb	*4,900 *10,600	*3,100 *6,700	*4,200 *9,050	*2,600 *5,550	*3,550 *7,650	*2,200 *4,650	*3,050 *6,550	*1,850 *3,950	*2,400 *4,150	*1,600 *3,350	*1,550 *3,400	*1,500 *3,300	16 960 670
-3000 mm -120 in	kg lb	*4,900 *10,550	*2,950 *6,400	*4,100 *8,800	*2,500 *5,300	*3,500 *7,500	*2,100 *4,500	*3,000 *6,450	*1,800 *3,850	*1,850 *3,850	*1,550 *3,350	*1,650 *3,650	*1,550 *3,350	16 580 660
-4500 mm -180 in	kg lb	*4,800 *10,350	*2,850 *6,150	*4,000 *8,650	*2,400 *5,150	*3,450 *7,350	*2,050 *4,350	*3,000 *6,400	*1,750 *3,750			*1,850 *4,050	*1,600 *3,500	16 050 630
-6000 mm -240 in	kg lb	*4,750 *10,250	*2,800 *6,050	*4,000 *8,550	*2,350 *5,050	*3,400 *7,350	*2,000 *4,350	*3,000 *4,950	*1,750 *3,800			*2,050 *4,600	*1,700 *3,750	15 360 610
-7500 mm -300 in	kg lb	*4,750 *10,250	*2,800 *6,050	*4,000 *8,600	*2,350 *5,100	*3,450 *7,400	*2,050 *4,400					*2,400 *5,350	*1,900 *4,150	14 480 570
-9000 mm -360 in	kg lb	*4,800 *10,350	*2,850 *6,200	*4,050 *8,750	*2,400 *5,250							*2,950 *6,600	*2,150 *4,750	13 370 530
-10 500 mm -420 in	kg lb	*4,950 *10,550	*3,000 *6,450									*3,900 *8,900	*2,550 *5,750	11 970 470
-12 000 mm -480 in	kg lb											*4,300 *9,550	*3,300 *7,600	10 150 390
-13 500 mm -540 in	kg lb											*4,850	*4,850	7110



ISO 10567



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

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

330F L Hydraulic Excavator Specifications

Work Tool Offering Guide*

Boom Type	HD Reach Boom		
	R3.75 (12'4")	R3.2 (10'6") HD	R2.65 (8'8")
Hydraulic Hammer	H120Es H130Es H140Es	H120Es H130Es H140Es	H120Es H130Es H140Es
Multi-Processor	MP324 CC Jaw** MP324 D Jaw** MP324 P Jaw*** MP324 S Jaw** MP324 TS Jaw*** MP324 U Jaw***	MP324 CC Jaw MP324 D Jaw MP324 P Jaw** MP324 S Jaw MP324 TS Jaw** MP324 U Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw
Pulverizer	P225**	P225	P225
Demolition and Sorting Grapple	G320B-D/R*** G325B-D/R***	G320B-D/R G325B-D/R***	G320B-D/R G325B-D/R
Scrap and Demolition Shear	S320B S340B#	S320B S325B*** S340B#	S320B S325B S340B
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110
Contractors' Grapple	G120B – G130B	G120B – G130B	G120B – G130B
Orange Peel Grapple			
Rippers			
Trash Grapple			
Thumbs			
Rakes			
Pin Grabber Coupler	Cat PG		
Dedicated Quick Coupler			

These work tools are available for the 330F L.
Consult your Cat dealer for proper work tool 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.

**Pin on or Dedicated Quick Coupler.

***Pin on only.

#Boom mount.

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

330F L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (ADSD-N)

Tracks									800 mm (32") Triple Grouser		
	Linkage	Width		Capacity		Weight		Fill	Reach Boom		SLR
		mm	in	m ³	yd ³	kg	lb	%	R3.2 (10'6")	R3.75 (12'4")	7.85 m (25'9")
Without Quick Coupler											
General Duty (GDC)	CB	600	24	0.63	0.83	724	1,595	100	●	●	
	CB	750	30	0.86	1.13	810	1,785	100	●	●	
	CB	900	36	1.09	1.43	907	1,998	100	●	●	
	CB	1050	42	1.34	1.75	979	2,157	100	●	●	
	CB	1200	48	1.58	2.07	1070	2,358	100	●	⊙	
	CB	1350	54	1.83	2.40	1164	2,564	100	⊙	⊖	
Heavy Duty (HD)	CB	600	24	0.52	0.68	763	1,681	100	●	●	
	CB	750	30	0.71	0.93	847	1,866	100	●	●	
	CB	900	36	0.91	1.19	935	2,061	100	●	●	
	CB	1050	42	1.12	1.46	1024	2,256	100	●	●	
	CB	1200	48	1.33	1.74	1095	2,413	100	●	●	
	CB	1350	54	1.54	2.02	1188	2,618	100	●	⊙	
	CB	1500	60	1.76	2.30	1285	2,831	100	⊙	⊖	
	CB	1650	66	1.97	2.58	1357	2,990	100	⊖	○	
Severe Duty (SD)	CB	600	24	0.52	0.68	810	1,784	90	●	●	
	CB	750	30	0.71	0.93	902	1,987	90	●	●	
	CB	900	36	0.91	1.19	999	2,202	90	●	●	
	CB	1050	42	1.12	1.46	1097	2,417	90	●	●	
	CB	1200	48	1.33	1.74	1178	2,595	90	●	●	
Ditch Cleaning (DC)	A	1200	48	0.57	0.74	388	855	100			⊖
General Duty (GD)	A	900	36	0.53	0.69	394	869	100			⊖
Maximum load pin-on (payload + bucket)								kg	4417	3937	1288
								lb	9,735	8,677	2,839
With Pin Grabber Coupler											
General Duty (GDC)	CB	600	24	0.63	0.83	724	1,595	100	●	●	
	CB	750	30	0.86	1.13	810	1,785	100	●	●	
	CB	900	36	1.09	1.43	907	1,998	100	●	●	
	CB	1050	42	1.34	1.75	979	2,157	100	●	⊙	
	CB	1200	48	1.58	2.07	1070	2,358	100	⊙	⊖	
	CB	1350	54	1.83	2.40	1164	2,564	100	⊖	○	
Heavy Duty (HD)	CB	600	24	0.52	0.68	763	1,681	100	●	●	
	CB	750	30	0.71	0.93	847	1,866	100	●	●	
	CB	900	36	0.91	1.19	935	2,061	100	●	●	
	CB	1050	42	1.12	1.46	1024	2,256	100	●	●	
	CB	1200	48	1.33	1.74	1095	2,413	100	●	⊙	
	CB	1350	54	1.54	2.02	1188	2,618	100	⊙	⊖	
	CB	1500	60	1.76	2.30	1285	2,831	100	⊖	○	
	CB	1650	66	1.97	2.58	1357	2,990	100	○	◇	
Severe Duty (SD)	CB	600	24	0.52	0.68	810	1,784	90	●	●	
	CB	750	30	0.71	0.93	902	1,987	90	●	●	
	CB	900	36	0.91	1.19	999	2,202	90	●	●	
	CB	1050	42	1.12	1.46	1097	2,417	90	●	●	
	CB	1200	48	1.33	1.74	1178	2,595	90	●	⊙	
Maximum load pin-on (payload + bucket)								kg	3912	3432	730
								lb	8,623	7,565	1,609

The above loads are in compliance with hydraulic excavator standard EN474, 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.

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.

330F L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (ANZ)

Tracks									600 mm (24") Triple Grouser	
	Linkage	Width		Capacity		Weight		Fill	Reach Boom	
		mm	in	m ³	yd ³	kg	lb	%	R3.2 (10'6")	R3.75 (12'4")
Without Quick Coupler										
General Duty (GD)	CB	600	24	0.52	0.68	659	1,451	100	●	●
	CB	750	30	0.71	0.93	726	1,599	100	●	●
	CB	1000	40	1.03	1.35	834	1,838	100	●	●
	CB	1350	54	1.54	2.02	1004	2,212	100	●	●
	CB	1500	60	1.76	2.30	1068	2,353	100	●	⊙
	CB	1600	63	1.86	2.43	1098	2,419	100	⊙	⊖
Heavy Duty (HD)	CB	600	24	0.52	0.68	808	1,780	100	●	●
	CB	750	30	0.71	0.93	947	2,086	100	●	●
	CB	900	36	0.91	1.19	1040	2,292	100	●	●
	CB	1050	42	1.12	1.46	1134	2,498	100	●	●
	CB	1200	48	1.33	1.74	1206	2,657	100	●	●
	CB	1350	54	1.54	2.02	1305	2,876	100	●	⊙
	CB	1500	60	1.76	2.30	1406	3,098	100	⊙	⊖
	CB	1650	66	1.97	2.58	1477	3,254	100	⊖	○
Severe Duty (SD)	CB	1050	42	1.12	1.46	1241	2,734	90	●	●
Maximum load pin-on (payload + bucket)								kg	4740	4271
								lb	10,447	9,413
With Pin Grabber Coupler										
General Duty (GD)	CB	600	24	0.52	0.68	659	1,451	100	●	●
	CB	750	30	0.71	0.93	726	1,599	100	●	●
	CB	1000	40	1.03	1.35	834	1,838	100	●	●
	CB	1350	54	1.54	2.02	1004	2,212	100	●	⊙
	CB	1500	60	1.76	2.30	1068	2,353	100	⊙	⊖
	CB	1600	63	1.86	2.43	1098	2,419	100	⊖	⊖
Heavy Duty (HD)	CB	600	24	0.52	0.68	808	1,780	100	●	●
	CB	750	30	0.71	0.93	947	2,086	100	●	●
	CB	900	36	0.91	1.19	1040	2,292	100	●	●
	CB	1050	42	1.12	1.46	1134	2,498	100	●	●
	CB	1200	48	1.33	1.74	1206	2,657	100	●	⊙
	CB	1350	54	1.54	2.02	1305	2,876	100	⊙	⊖
	CB	1500	60	1.76	2.30	1406	3,098	100	⊖	○
	CB	1650	66	1.97	2.58	1477	3,254	100	○	○
Severe Duty (SD)	CB	1050	42	1.12	1.46	1241	2,734	90	●	●
Maximum load pin-on (payload + bucket)								kg	4235	3766
								lb	9,335	8,301

The above loads are in compliance with hydraulic excavator standard EN474, 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.

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)

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330F L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (S. Korea)

Tracks									600 mm (24") Double Grouser	
	Linkage	Width		Capacity		Weight		Fill	HD Reach Boom	
		mm	in	m ³	yd ³	kg	lb	%	R3.2 (10'6") HD	
Without Quick Coupler										
Heavy Duty (HD)	CB	1200	48	1.33	1.74	1095	2,413	100	●	
	CB	1350	54	1.54	2.02	1188	2,618	100	⊙	
	CB	1500	60	1.76	2.30	1285	2,831	100	⊖	
Maximum load pin-on (payload + bucket)								kg	4082	
								lb	8,997	
With Pin Grabber Coupler										
Heavy Duty (HD)	CB	1200	48	1.33	1.74	1095	2,413	100	⊙	
	CB	1350	54	1.54	2.02	1188	2,618	100	⊖	
	CB	1500	60	1.76	2.30	1285	2,831	100	○	
Maximum load pin-on (payload + bucket)								kg	3577	
								lb	7,885	

The above loads are in compliance with hydraulic excavator standard EN474, 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.

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)

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Standard Equipment

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

ENGINE

- C7.1 ACERT diesel engine
- Biodiesel capable up to B20
- Meets Tier 4 Final/Stage IV/Korea Tier 4 Final emission standards
- 4600 m (15,090 ft) altitude capability
- Electric fuel lifting pump
- Automatic engine speed control
- Standard, economy and high power modes
- Two-speed travel
- Side-by-side cooling system
- Radial seal air filter
- Primary filter with water separator and water separator indicator switch
- 1×4 micron main filters
- 1×10 micron primary fuel line filter

HYDRAULIC SYSTEM

- Electric boom regeneration circuit
- Stick regeneration circuit
- Reverse swing dampening valve
- Automatic swing parking brake
- High-performance hydraulic return filter
- Capability of installing HP stackable valve and medium and QC valve
- Capability of installing additional auxiliary pump and circuit
- Capability of installing boom lowering control device and stick lowering check valve

CAB

- Pressurized operator station with positive filtration
- Mirror package
- Sliding upper door window (left-hand cab door)
- Glass-breaking safety hammer
- Removable lower windshield with in cab storage bracket
- Coat hook
- Beverage holder
- Literature holder
- Radio with MP3 auxiliary audio port
- Two stereo speakers
- Storage shelf suitable for lunch or toolbox
- Color LCD display with warning, filter/fluid change, and working hour information
- 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 power outlets, 10 amp (total)
- Laminated glass front upper window and tempered other windows
- Cab hatch emergency exit
- AM/FM radio
- Sunscreen
- Windshield wiper, with washer
- Flexible seat belt

UNDERCARRIAGE

- Grease Lubricated Track GLT2, resin seal
- Towing eye on base frame
- Guard, heavy-duty bottom

ELECTRICAL

- 115 amp alternator
- Circuit breaker

LIGHTS

- Boom light with time delay
- Cab lights with time delay
- Exterior lights integrated into storage box

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
- Openable skylight for emergency exit
- Rearview camera

TECHNOLOGY

- Product Link

330F L Optional Equipment

Optional Equipment

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

ENGINE

- Jump start receptacle
- Quick drains, engine and hydraulic oil
- Air cleaner with rain cap
- Air cleaner with precleaner (standard for S. Korea)

HYDRAULIC SYSTEM

- Control pattern quick-changer, two way
- Additional circuit
- Boom and stick lines
- High-pressure line
- Medium-pressure line
- Quick coupler for high pressure
- Tool control system

DEALER INSTALLED KITS

- Electrical
 - Cold weather field installation retrofit kit package (ADSD-N only)
- Cab
 - Rain protector for front windshield
 - Seat belt, retractable (76 mm/3 in width)
 - Ashtray for cup holder
- Guards
 - FOGS retrofit kit package
 - Mesh for front guard retrofit kit package
 - Mesh guard, lower half front
 - Side rubber bumper
- Safety and Security
 - Security System (MSS)
 - Travel alarm – factory installed

CAB

- Seat, high-back air suspension with heater and cooling (ANZ and ADSD-N)
- Seat, high-back air suspension with heater
- Straight travel pedal

UNDERCARRIAGE

- Guard, full length for long undercarriage
- Segmented (3 piece) track guiding guard

REGIONAL FRONT LINKAGE WITH TRACK SHOES

ADSD-N

- Long undercarriage
- 6.15 m (20'2") reach boom
 - R3.75CB2 (12'4") reach stick
 - R3.2CB2 (10'6") reach stick
 - R2.65CB2 (8'8") reach stick
- 600 mm (24") single grouser shoes
- 800 mm (31") triple grouser shoes
- SLR boom 10.2 m (33'6")
 - SLR stick 7.85 m (25'9")

S. Korea

- Long undercarriage
- HD reach 6.15 m (20'2") boom
 - HD R3.2 m (10'6") stick
- 600 mm (24") double grouser shoes

ANZ

- Long undercarriage
- 6.15 m (20'2") reach boom
 - R3.2CB2 (10'6") reach stick
 - R2.65CB2 (8'8") reach stick
- 600 mm (24") triple grouser shoes
- 600 mm (24") double grouser shoes
- 800 mm (31") triple grouser shoes

FRONT LINKAGE

- Bucket linkage, CB2 family with lifting eye

ELECTRICAL

- Pre-wired harness for beacon attachment

TECHNOLOGY

- Cat Grade Control Depth and Slope (ANZ and ADSD-N)
- Cat Grade with Assist for CGC (ANZ and ADSD-N)

COUNTERWEIGHT

- 6.75 mt (7.4 t) counterweight (SLR only)

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

AEHQ7859
(ADSD-N/ANZ/S. Korea)

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