

349F L

Hydraulic Excavator

2017



Engine

| | | |
|-------------------|-----------------|--------|
| Engine Model | Cat® C13 ACERT™ | |
| Power – SAE J1349 | 311 kW | 417 hp |
| Power – ISO 14396 | 317 kW | 425 hp |

Drive

| | | |
|----------------------|----------|------------|
| Maximum Travel Speed | 4.7 km/h | 2.9 mph |
| Maximum Drawbar Pull | 335 kN | 75,300 lbf |

Weights

| | | |
|----------------|-----------|------------|
| Minimum Weight | 48 650 kg | 107,200 lb |
| Maximum Weight | 53 300 kg | 117,500 lb |

The 349F L is built to keep your production numbers up and your owning and operating costs down.

Not only does the machine's C13 ACERT engine meet U.S. EPA Tier 4 Final emission standards, but it does so while giving you all the power, fuel efficiency, and reliability you need to succeed.

Where the real power comes in is through the hydraulic system. You can literally move tons of material all day long with a great deal of speed and precision. In fact the hydraulic system and engine work together to keep fuel consumption to an absolute minimum – all without impacting your productivity.

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

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Reliable and Productive

Power to move your material with speed and precision

Hydraulic Horsepower, a Cat Advantage

When it comes to moving heavy material quickly and efficiently, you need hydraulic horsepower – the type of ground-breaking power the 349F L can deliver. Major hydraulic components like pumps and valves are located close together so shorter tubes and lines can be used. This design leads to less friction loss, reduced pressure drops, and more power to the ground for the work you need to get done.

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



Control Like No Other

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

Auxiliary Hydraulics for Added Versatility

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

Fuel Efficient

Engineered to lower your operating costs





The Cat C13 ACERT engine meets 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.

A Smart Design for Any Temperature

The 349F L features a side-by-side cooling system that allows you to put the machine to work in extremely hot and cold conditions. The system is completely separated from the engine compartment to reduce noise and heat. Plus it features easy-to-clean cores and a new variable-speed fan that reverses to blow out unwanted debris that may accumulate during your work day.

Biodiesel Not A Problem

The C13 ACERT engine can run on biodiesel fuel up to B20 blended with ULSD. Just fill it up and go.

Proven Technology

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

- **Improved Fuel Efficiency** – Up to 5% improvement over Tier 4 Interim products.
- **High Performance** across a variety of applications.
- **Enhanced Reliability** through commonality and simplicity of design.
- **Maximized Uptime and Reduced Cost** with world-class support from the Cat dealer network.
- **Minimized Impact of Emission Systems** – designed to be transparent to the operator without requiring interaction.
- **Durable Designs** with long life to overhaul.
- **Delivering Better Fuel Economy** with minimized maintenance costs while providing the same great power and response.

Easy to Operate

Comfort and convenience to keep you productive all day long



Safe and Quiet Cab

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

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

Excellent Ergonomics

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

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

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

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

Controls Just for You

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



Easy to Navigate Monitor

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



Durable Structures

Made to work in your tough, heavy-duty applications

Stable Undercarriage

The undercarriage contributes significantly to outstanding stability and durability.

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

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

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

Robust Frames

The 349F L is a robust, 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's also reinforced around areas that take on a lot of stress like the boom foot, skirt, and counterweight.

Great Weight

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

Durable Linkages

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



Booms and Sticks for Any Job

The 349F L is offered with a range of booms and sticks. Each is built with internal baffle plates and is stress relieved for added durability, and each undergoes ultrasound inspection to ensure quality and reliability. Large box-section structures with thick, multi-plate fabrications, castings, and forgings are used in high-stress areas such as the boom nose, boom foot, boom cylinder, and stick foot to improve durability. Also, the boom nose pin retention method is a captured flag design for enhanced durability.

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

Pins

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



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

Versatile

Do more jobs with one machine



Get the Most from One Machine

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

Change Jobs Quickly

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

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

Dig, Rip and Load

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

Break, Demolish and Scrap

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

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

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

Move and 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 profit. 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



General Duty Buckets



Heavy Duty Buckets



Severe Duty Buckets



Extreme Duty Buckets

CUT, CRUSH, BREAK & RIP



Multi-Processors



Scrap & Demolition Shears



Secondary Pulverizers



Hydraulic Hammers



Rippers

Cat Connect Technologies

Monitor, manage, and enhance job site operations



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

Cat Connect technologies offer improvements in these key areas:



EQUIPMENT
MANAGEMENT

Equipment Management – increase uptime and reduce operating costs.



PRODUCTIVITY

Productivity – monitor production and manage job site efficiency.



SAFETY

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



LINK Technologies

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

Product Link/VisionLink®

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



GRADE Technologies

Grade technologies combine digital design data and in-cab guidance to help you reach target grade quickly and accurately, with minimal staking and checking. That means you'll be more productive, complete jobs faster, in fewer passes, using less fuel, at a lower cost.

Cat Grade with Assist

Cat Grade with Assist ensures you can dig a level base with the right slope each and every time; now it works with tilt buckets to give you even greater versatility. With a touch of a button, the simple-to-use system automates boom and bucket movements typically done by the operator. Regardless of your experience or skill, you will be able to reach target grade up to 45% faster than with traditional grading techniques.

Cat Grade 3D

Cat Grade 3D is perfect for complex excavating projects that require precise cuts and contours. The 254 mm (10 in) color monitor shows you exactly where to work and how much to cut or fill without staking or grade checking, delivering accuracy within 30 mm (1.18 in). Factory integration of most key components reduces field installation time and labor cost, making the system less costly for you compared to other options. Plus reliability is enhanced because built-in components are protected from damage, ensuring longer service life and more accurate results.



Safe Work Environment

Features to help protect you day in and day out

Secure Contact Points

Multiple large steps as well as hand and guard rails will 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 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 camera greatly enhances visibility behind the machine to help the operator work more productively. A panoramic rearview is automatically displayed on the new multi-function monitor during reverse travel. As an option, a second display can be added, providing a dedicated full-time rearview of the job site.

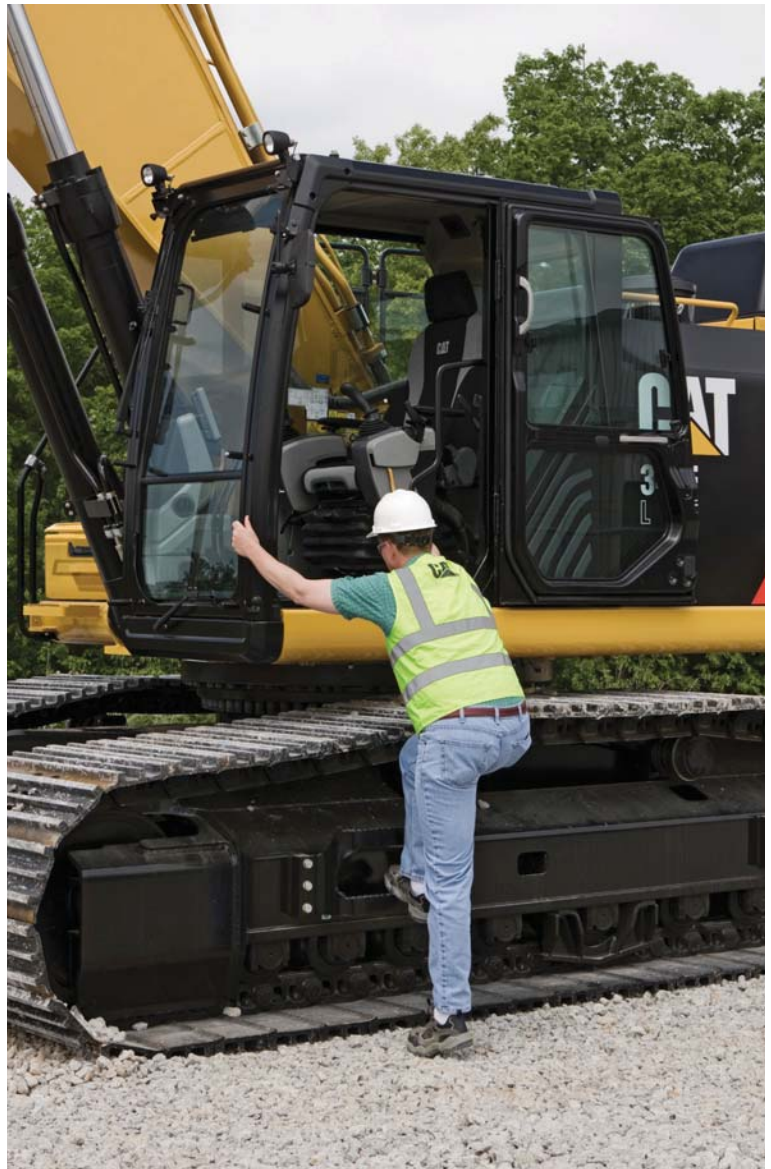
Smart Lighting

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

A Safe and Quiet Cab

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

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





Ground-Level Access

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

Serviceable

Designed to make your maintenance quick and easy



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.

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 option.

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

A Smart Cooling Design

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



Complete Customer Care

Unmatched support makes the difference

Sustainable Generations ahead in every way

The 349F L is designed to compliment your business plan, reduce emissions and minimize the consumption of natural resources.

- The C13 ACERT engine meets Tier 4 Final emission standards.
- The machine has the flexibility of running on either ultra-low-sulfur diesel (ULSD) fuel with 15 ppm of sulfur or less or up to biodiesel (B20) fuel blended with ULSD.
- An overfill indicator rises when the tank is full to help the operator avoid spilling.
- Quick fill ports with connectors ensure fast, easy, and secure changing of hydraulic oil.
- Major components are rebuildable, eliminating waste and saving money by giving the machine and/or major components a second life – and even a third life.
- Link technologies enable you to collect and analyze equipment and job site data so you can maximize productivity and reduce costs.
- The 349F L is an efficient, productive machine that's designed to conserve our natural resources for generations ahead.

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.



349F L Hydraulic Excavator Specifications

Engine

| | | |
|-------------------------|---------------|--------|
| Engine Model | Cat C13 ACERT | |
| Net Power – SAE J1349 | 304 kW | 408 hp |
| Power – ISO 14396 | 317 kW | 425 hp |
| Gross Power – SAE J1995 | 322 kW | 432 hp |

| | | |
|--------------|--------|---------------------|
| Bore | 130 mm | 5.12 in |
| Stroke | 157 mm | 6.18 in |
| Displacement | 12.5 L | 763 in ³ |

Hydraulic System

| | | |
|----------------------|-----------|-------------|
| Maximum Flow (total) | | |
| Main System | 770 L/min | 203 gal/min |
| Swing System | 385 L/min | 102 gal/min |
| Pilot System | 27 L/min | 7.1 gal/min |

| | | |
|--------------------------|------------|-----------|
| Maximum Pressure | | |
| Main System – Normal | 35 000 kPa | 5,076 psi |
| Main System – Heavy Lift | 38 000 kPa | 5,511 psi |
| Main System – Travel | 35 000 kPa | 5,076 psi |
| Main System – Swing | 27 500 kPa | 3,989 psi |
| Pilot System | 4120 kPa | 598 psi |

| | | |
|---------------|---------|----------|
| Boom Cylinder | | |
| Bore | 170 mm | 6.69 in |
| Stroke | 1524 mm | 60.00 in |

| | | |
|----------------|---------|----------|
| Stick Cylinder | | |
| Bore | 190 mm | 7.48 in |
| Stroke | 1758 mm | 69.21 in |

| | | |
|---------------------------|---------|----------|
| TB Family Bucket Cylinder | | |
| Bore | 160 mm | 6.30 in |
| Stroke | 1356 mm | 53.39 in |

| | | |
|---------------------------|---------|----------|
| UB Family Bucket Cylinder | | |
| Bore | 170 mm | 6.69 in |
| Stroke | 1396 mm | 54.96 in |

Drive

| | | |
|----------------------|----------|------------|
| Gradeability | 30°/70% | |
| Maximum Travel Speed | 4.7 km/h | 2.9 mph |
| Maximum Drawbar Pull | 335 kN | 75,300 lbf |

Swing Mechanism

| | | |
|----------------------|------------|----------------|
| Swing Speed | 8.7 rpm | |
| Swing Torque | 148.5 kN·m | 109,500 lbf-ft |
| Maximum Swing Torque | 221 kN·m | 163,000 lbf-ft |

Service Refill Capacities

| | | |
|-----------------------------------|-------|-----------|
| Fuel Tank Capacity | 720 L | 190 gal |
| Cooling System | 50 L | 13.2 gal |
| Engine Oil (with filter) | 38 L | 10 gal |
| Swing Drive (each) | 10 L | 2.6 gal |
| Final Drive (each) | 15 L | 4.0 gal |
| Hydraulic System (including tank) | 570 L | 150.6 gal |
| Hydraulic Tank | 407 L | 107.5 gal |
| DEF Tank | 41 L | 11 gal |

Track

| | |
|---------------------------------------|----|
| Number of Shoes (each side) | 52 |
| Number of Track Rollers (each side) | 9 |
| Number of Carrier Rollers (each side) | 2 |

Sound Performance

| | |
|-------------------------------|-----------|
| Exterior – ISO 6395 | 106 dB(A) |
| Operator – SAE J1166/ISO 6396 | 69 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 OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in noisy environment.

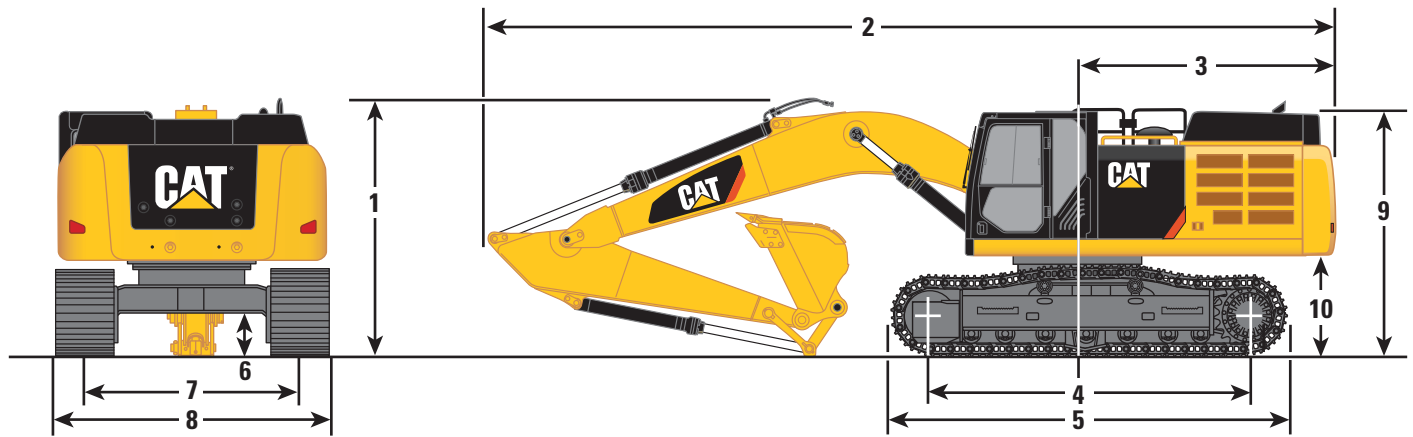
Standards

| | |
|----------|-------------|
| Brakes | ISO 10265 |
| Cab/FOGS | SAE J1356 |
| Cab/ROPS | ISO 12117-2 |
| DEF | ISO 22241 |

349F L Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



| Boom Option | Long Reach Boom 7.4 m (24'3") | | Reach Boom 6.9 m (22'8") | | Mass Boom 6.55 m (21'6") | | | | | |
|-----------------------------------------------------------------|----------------------------------|-----------------------------------------------|-----------------------------|-----------------------------------------------|-----------------------------|-----------------------------------------------|---------------------|----------------------------------------------|--------|----------------------------------------------|
| | Stick Options | | R4.3TB HD (14'1") | R3.9TB HD (12'10") | R3.35TB HD (11'0") | M3.0UB HD (9'10") | M2.5UB HD (8'2") | | | |
| | mm | ft/in | mm | ft/in | mm | ft/in | mm | ft/in | | |
| 1 Shipping Height to Boom – STD/Long FIX Undercarriage | 3690 | 12'1" | 3670 | 12'0" | 3730 | 12'3" | 4020 | 13'2" | 3980 | 13'1" |
| Shipping Height with Handrail – STD/Long FIX Undercarriage | 3370 | 11'1" | 3370 | 11'1" | 3370 | 11'1" | 3370 | 11'1" | 3370 | 11'1" |
| 2 Shipping Length – STD/Long FIX Undercarriage | 12 420 | 40'9" | 11 930 | 39'2" | 11 920 | 39'1" | 11 590 | 38'0" | 11 680 | 38'4" |
| 3 Tail Swing Radius | 3760 | 12'4" | 3760 | 12'4" | 3760 | 12'4" | 3760 | 12'4" | 3760 | 12'4" |
| 4 Length to Center of Rollers – Long FIX Undercarriage | 4360 | 14'4" | 4360 | 14'4" | 4360 | 14'4" | 4360 | 14'4" | 4360 | 14'4" |
| 5 Track Length – Long FIX Undercarriage | 5370 | 17'7" | 5370 | 17'7" | 5370 | 17'7" | 5370 | 17'7" | 5370 | 17'7" |
| 6 Ground Clearance – Long FIX Undercarriage | | | | | | | | | | |
| Including Shoe Lug Height | 480 | 1'7" | 480 | 1'7" | 480 | 1'7" | 480 | 1'7" | 480 | 1'7" |
| Not Including Shoe Lug Height | 510 | 1'8" | 510 | 1'8" | 510 | 1'8" | 510 | 1'8" | 510 | 1'8" |
| 7 Track Gauge – Long FIX Undercarriage | 2740 | 9'0" | 2740 | 9'0" | 2740 | 9'0" | 2740 | 9'0" | 2740 | 9'0" |
| 8 Transport Width – STD/Long FIX Undercarriage | | | | | | | | | | |
| 600 mm (24") Shoes | 3340 | 10'11" | 3340 | 10'11" | 3340 | 10'11" | 3340 | 10'11" | 3340 | 10'11" |
| 750 mm (30") Shoes | 3490 | 11'5" | 3490 | 11'5" | 3490 | 11'5" | 3490 | 11'5" | 3490 | 11'5" |
| 900 mm (35") Shoes | 3640 | 11'11" | 3640 | 11'11" | 3640 | 11'11" | 3640 | 11'11" | 3640 | 11'11" |
| 9 Cab Height – STD/Long FIX Undercarriage | 3220 | 10'7" | 3220 | 10'7" | 3220 | 10'7" | 3220 | 10'7" | 3220 | 10'7" |
| Cab Height with Top Guard – STD/Long FIX Undercarriage | 3390 | 11'1" | 3390 | 11'1" | 3390 | 11'1" | 3390 | 11'1" | 3390 | 11'1" |
| 10 Counterweight Clearance* – STD/Long FIX Undercarriage | 1280 | 4'2" | 1280 | 4'2" | 1280 | 4'2" | 1280 | 4'2" | 1280 | 4'2" |
| Bucket Type | | GD | | GD | | GD | | HD | | HD |
| Bucket Capacity | | 3.1 m ³ (4.05 yd ³) | | 3.1 m ³ (4.05 yd ³) | | 3.1 m ³ (4.05 yd ³) | | 3.2 m ³ (4.2 yd ³) | | 3.2 m ³ (4.2 yd ³) |
| Bucket Tip Radius | | 1866 mm (6'1") | | 1866 mm (6'1") | | 1866 mm (6'1") | | 2046 mm (6'9") | | 2046 mm (6'9") |

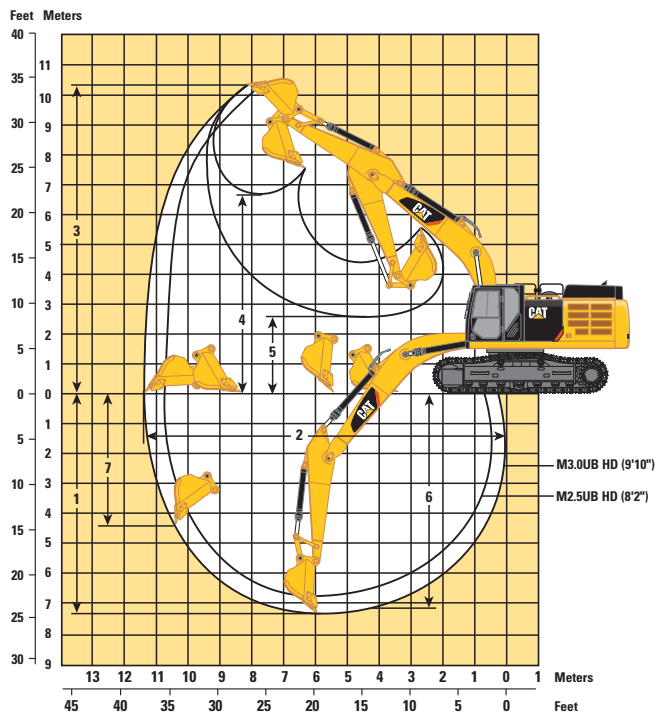
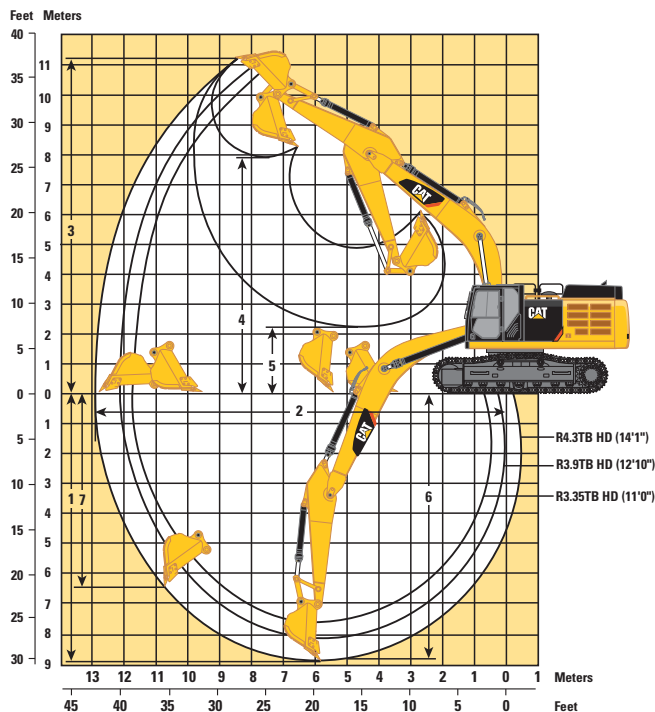
*Without shoe lug height.

Dimensions may vary depending on bucket selection.

349F L Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.



| Boom Option | Long Reach Boom 7.4 m (24'3") | | Reach Boom 6.9 m (22'8") | | Mass Boom 6.55 m (21'6") | | | | | |
|--------------------------------------------------------|--------------------------------------------|--------|--------------------------------------------|--------|--------------------------------------------|-------|-------------------------------------------|-------|-------------------------------------------|-------|
| Stick Options | R4.3TB HD (14'1") | | R3.9TB HD (12'10") | | R3.35TB HD (11'0") | | M3.0UB HD (9'10") | | M2.5UB HD (8'2") | |
| Long FIX Undercarriage | mm | ft/in | mm | ft/in | mm | ft/in | mm | ft/in | mm | ft/in |
| 1 Maximum Digging Depth | 8940 | 29'4" | 8210 | 26'11" | 7660 | 25'2" | 7310 | 24'0" | 6810 | 22'4" |
| 2 Maximum Reach at Ground Level | 12 960 | 42'6" | 12 150 | 39'10" | 11 730 | 38'6" | 11 270 | 37'0" | 10 810 | 35'6" |
| 3 Maximum Cutting Height | 11 170 | 36'8" | 10 730 | 35'2" | 10 820 | 35'6" | 10 290 | 33'9" | 10 090 | 33'1" |
| 4 Maximum Loading Height | 7870 | 25'10" | 7420 | 24'4" | 7430 | 24'5" | 6740 | 22'1" | 6550 | 21'6" |
| 5 Minimum Loading Height | 2220 | 7'3" | 2200 | 7'3" | 2750 | 9'0" | 2570 | 8'5" | 3070 | 10'1" |
| 6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom | 8810 | 28'11" | 8080 | 26'6" | 7520 | 24'8" | 7160 | 23'6" | 6640 | 21'9" |
| 7 Maximum Vertical Wall Digging Depth | 6560 | 21'6" | 5960 | 19'7" | 5830 | 19'2" | 4430 | 14'6" | 4000 | 13'1" |
| Bucket Type | GD | | GD | | GD | | SD | | SD | |
| Bucket Capacity | 3.1 m ³ (4.05 yd ³) | | 3.1 m ³ (4.05 yd ³) | | 3.1 m ³ (4.05 yd ³) | | 3.2 m ³ (4.2 yd ³) | | 3.2 m ³ (4.2 yd ³) | |
| Bucket Tip Radius | 1893 mm (6'3") | | 1893 mm (6'3") | | 1893 mm (6'3") | | 2121 mm (7'0") | | 2121 mm (7'0") | |

Dimensions may vary depending on bucket selection.

349F L Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

| | 900 mm (35") Triple Grouser Shoes | | 750 mm (30") Triple Grouser Shoes | | 600 mm (24") Double Grouser Shoes | |
|---------------------------------|--------------------------------------|-----------|--------------------------------------|-----------|--------------------------------------|-----------|
| | kg (lb) | kPa (psi) | kg (lb) | kPa (psi) | kg (lb) | kPa (psi) |
| Long FIX Undercarriage | | | | | | |
| Long Reach Boom – 7.4 m (24'3") | | | | | | |
| R4.3TB HD (14'1") | 50 700 (111,800) | 59 (8.6) | 49 900 (110,000) | 69 (10.0) | 49 300 (108,700) | 86 (12.5) |
| Reach Boom – 6.9 m (22'8") | | | | | | |
| R3.9TB HD (12'10") | 50 200 (110,700) | 58 (8.4) | 49 500 (109,100) | 69 (10.0) | 48 800 (107,600) | 85 (12.3) |
| R3.35TB HD (11'0") | 50 000 (110,200) | 58 (8.4) | 49 300 (108,700) | 68 (9.9) | 48 600 (107,100) | 84 (12.2) |
| HD Mass Boom – 6.55 m (21'6") | | | | | | |
| M3.0UB HD (9'10") | 51 000 (112,400) | 59 (8.6) | 50 300 (110,900) | 70 (10.2) | 49 600 (109,300) | 86 (12.5) |
| M2.5UB HD (8'2") | 50 800 (112,000) | 59 (8.6) | 50 100 (110,500) | 70 (10.2) | 49 400 (108,900) | 86 (12.5) |

Major Component Weights

| | kg | lb |
|-----------------------------------------------------------------------------------|--------|--------|
| Base Machine (with boom cylinder, without counterweight, front linkage and track) | | |
| Long FIX Undercarriage | 24 800 | 54,700 |
| Counterweight | | |
| 9.0 mt (9.9 t) | 9000 | 19,800 |
| Boom (includes lines, pins and stick cylinder) | | |
| Long Reach Boom – 7.4 m (24'3") | 5190 | 11,400 |
| Reach Boom – 6.9 m (22'8") | 4630 | 10,200 |
| Mass Boom – 6.55 m (21'6") | 4860 | 10,700 |
| Stick (includes lines, pins, bucket linkage and bucket cylinder) | | |
| R4.3TB HD (14'1") | 2990 | 6,600 |
| R3.9TB HD (12'10") | 2760 | 6,100 |
| R3.35TB HD (11'0") | 2540 | 5,600 |
| M3.0UB HD (9'10") | 2930 | 6,500 |
| M2.5UB HD (8'2") | 3140 | 6,900 |
| Track Shoes (per two tracks) | | |
| 600 mm (24") double grouser | 5240 | 11,600 |
| 750 mm (30") triple grouser | 5890 | 13,000 |
| 900 mm (35") triple grouser | 6640 | 14,600 |
| Buckets | | |
| TB1880GD – 3.10 m ³ (4.05 yd ³) | 2440 | 5,400 |
| UB1850HD – 3.2 m ³ (4.2 yd ³) | 2840 | 6,300 |

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.

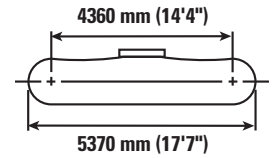
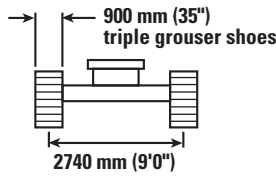
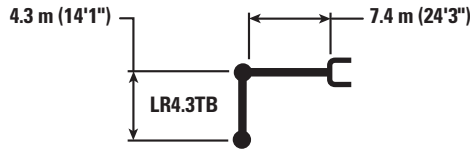
349F L Hydraulic Excavator Specifications

Bucket and Stick Forces

| Boom Option | Long Reach Boom 7.4 m (24'3") | | Reach Boom 6.9 m (22'8") | | | | Mass Boom 6.55 m (21'6") | | | |
|----------------------------|----------------------------------|--------|-----------------------------|--------|-----------------------|--------|-----------------------------|--------|---------------------|--------|
| Stick Options | R4.3TB HD (14'1") | | R3.9TB HD (12'10") | | R3.35TB HD (11'0") | | M3.0UB HD (9'10") | | M2.5UB HD (8'2") | |
| | kN | lbf | kN | lbf | kN | lbf | kN | lbf | kN | lbf |
| TB Linkage | | | | | | | | | | |
| General Duty Capacity | | | | | | | | | | |
| Bucket Digging Force (ISO) | 267 | 60,020 | 268 | 60,250 | 268 | 60,250 | | | | |
| Stick Digging Force (ISO) | 170 | 38,220 | 183 | 41,140 | 199 | 44,740 | | | | |
| Bucket Digging Force (SAE) | 235 | 52,830 | 236 | 53,050 | 236 | 53,050 | | | | |
| Stick Digging Force (SAE) | 166 | 37,320 | 177 | 39,790 | 193 | 43,390 | | | | |
| Heavy Duty | | | | | | | | | | |
| Bucket Digging Force (ISO) | 266 | 59,800 | 268 | 60,250 | 268 | 60,250 | | | | |
| Stick Digging Force (ISO) | 172 | 38,670 | 184 | 41,360 | 201 | 45,190 | | | | |
| Bucket Digging Force (SAE) | 234 | 52,610 | 235 | 52,830 | 235 | 52,830 | | | | |
| Stick Digging Force (SAE) | 167 | 37,540 | 179 | 40,240 | 195 | 43,840 | | | | |
| Severe Duty | | | | | | | | | | |
| Bucket Digging Force (ISO) | 265 | 59,570 | 266 | 59,800 | 266 | 59,800 | | | | |
| Stick Digging Force (ISO) | 171 | 38,440 | 184 | 41,360 | 200 | 44,960 | | | | |
| Bucket Digging Force (SAE) | 228 | 51,260 | 229 | 51,480 | 229 | 51,480 | | | | |
| Stick Digging Force (SAE) | 166 | 37,320 | 178 | 40,020 | 193 | 43,390 | | | | |
| Extreme Duty | | | | | | | | | | |
| Bucket Digging Force (ISO) | 265 | 59,570 | 266 | 59,800 | 266 | 59,800 | | | | |
| Stick Digging Force (ISO) | 171 | 38,440 | 184 | 41,360 | 200 | 44,960 | | | | |
| Bucket Digging Force (SAE) | 228 | 51,260 | 229 | 51,480 | 229 | 51,480 | | | | |
| Stick Digging Force (SAE) | 166 | 37,320 | 178 | 40,020 | 193 | 43,390 | | | | |
| UB Linkage | | | | | | | | | | |
| Heavy Duty | | | | | | | | | | |
| Bucket Digging Force (ISO) | | | | | | | 296 | 66,540 | 296 | 66,540 |
| Stick Digging Force (ISO) | | | | | | | 212 | 47,660 | 241 | 54,180 |
| Bucket Digging Force (SAE) | | | | | | | 258 | 58,000 | 258 | 58,000 |
| Stick Digging Force (SAE) | | | | | | | 205 | 46,090 | 231 | 51,930 |
| Severe Duty | | | | | | | | | | |
| Bucket Digging Force (ISO) | | | | | | | 290 | 65,190 | 290 | 65,190 |
| Stick Digging Force (ISO) | | | | | | | 211 | 47,430 | 239 | 53,730 |
| Bucket Digging Force (SAE) | | | | | | | 252 | 56,650 | 252 | 56,650 |
| Stick Digging Force (SAE) | | | | | | | 203 | 45,640 | 229 | 51,480 |

349F L Hydraulic Excavator Specifications

Long Reach Boom Lift Capacities – Counterweight: 9.0 mt (9.9 t) – 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 | | 10 500 mm/420 in | | mm in | | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|----------------|------------------|--------------------|------------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | | | | | | |
| 9000 mm 360 in | kg lb | | | | | | | | | | | | | | | | *7150 *15,800 | *7150 *15,800 | 8900 350 |
| 7500 mm 300 in | kg lb | | | | | | | | | | | *9700 *20,800 | 8600 18,350 | | | | *6900 *15,250 | *6900 *15,250 | 9890 390 |
| 6000 mm 240 in | kg lb | | | | | | | | | | | *10 100 *22,000 | 8400 18,000 | *7350 6400 | | *6900 *15,200 | 6300 14,000 | 10 570 420 | |
| 4500 mm 180 in | kg lb | | | | | | | *14 200 *30,600 | *14 200 *30,600 | *12 050 *26,150 | 10 800 23,250 | *10 750 *23,400 | 8100 17,400 | *9850 *19,700 | 6250 13,400 | *7100 *15,550 | 5750 12,700 | 11 010 440 | |
| 3000 mm 120 in | kg lb | | | | | *23 250 *49,850 | 21 400 46,250 | *16 700 *36,000 | 14 100 30,450 | *13 450 *29,150 | 10 200 22,000 | *11 550 *25,100 | 7750 16,700 | 9850 21,150 | 6050 13,000 | *7400 *16,250 | 5400 11,950 | 11 220 450 | |
| 1500 mm 60 in | kg lb | | | | | *18 950 *44,950 | *18 950 42,450 | *18 800 *40,600 | 13 150 28,400 | *14 750 *31,900 | 9650 20,800 | 12 150 26,150 | 7400 15,950 | 9650 20,700 | 5900 12,600 | *7950 *17,450 | 5300 11,600 | 11 230 450 | |
| 0 mm 0 in | kg lb | | | | | *18 100 *41,800 | *18 100 40,750 | *20 050 *43,400 | 12 550 27,050 | 15 550 33,450 | 9250 19,900 | 11 850 25,500 | 7150 15,400 | 9450 20,350 | 5700 12,300 | *8750 *19,250 | 5300 11,700 | 11 040 440 | |
| -1500 mm -60 in | kg lb | | | *12 200 *27,500 | *12 200 *27,500 | *21 750 *49,700 | 18 700 40,200 | *20 350 *44,100 | 12 250 26,350 | 15 250 32,800 | 9000 19,350 | 11 650 25,100 | 7000 15,050 | 9350 5650 | | 9250 20,350 | 5550 12,250 | 10 620 420 | |
| -3000 mm -120 in | kg lb | *14 150 *31,550 | *14 150 *31,550 | *17 800 *40,050 | *17 800 *40,050 | *26 000 *56,350 | 18 750 40,300 | *19 750 *42,750 | 12 150 26,150 | 15 150 32,600 | 8900 19,150 | 11 600 25,000 | 6950 14,950 | | 10 100 22,300 | 6050 13,400 | 9960 400 | | |
| -4500 mm -180 in | kg lb | | | *24 450 *55,300 | *24 450 *55,300 | *23 400 *50,500 | 19 050 40,950 | *18 100 *39,100 | 12 300 26,450 | *14 350 *30,850 | 8950 19,350 | *11 200 7050 | | | *11 200 *24,650 | 7050 15,650 | 9010 360 | | |
| -6000 mm -240 in | kg lb | | | *24 950 *55,300 | *24 950 *55,300 | *19 150 *41,000 | *19 150 *41,000 | *15 050 *32,000 | 12 650 27,250 | *11 450 25,000 | 9300 | | | | *11 100 *24,400 | 9100 20,450 | 7630 300 | | |



ISO 10567



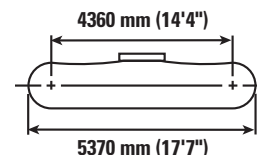
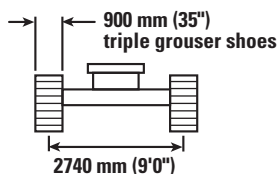
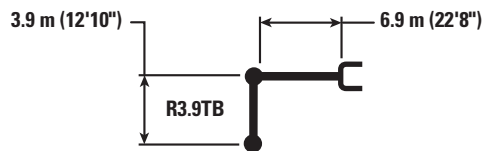
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

349F L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (9.9 t) – 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 | | |
|---------------------|----------|---------------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|----------------|--------------------|--------------------|---------------|
| | | | | | | | | | | | | | | | | |
| 9000 mm 360 in | kg lb | | | | | | | | | *18,700 | *18,700 | | | *7900 *17,500 | *7900 *17,500 | 7860 310 |
| 7500 mm 300 in | kg lb | | | | | | | | | | | | | *7550 *16,600 | *7550 *16,600 | 8970 350 |
| 6000 mm 240 in | kg lb | | | | | | | | | *11 650 *25,350 | 11 350 24,450 | *11 050 8450 | 8450 | *7450 *16,400 | 7400 16,350 | 9720 380 |
| 4500 mm 180 in | kg lb | | | | | | | *14 800 *32,050 | *14 800 *32,050 | *12 800 *27,750 | 10 950 23,550 | *11 550 *25,250 | 8200 17,650 | *7600 *16,650 | 6700 14,750 | 10 190 400 |
| 3000 mm 120 in | kg lb | | | | | *23 750 *51,000 | 22 000 47,450 | *17 300 *37,400 | 14 450 31,150 | *14 150 *30,650 | 10 450 22,500 | *12 300 *26,750 | 7950 17,100 | *7900 *17,400 | 6300 13,900 | 10 420 410 |
| 1500 mm 60 in | kg lb | | | | | *25 800 *59,100 | 20 450 44,050 | *19 450 *42,050 | 13 600 29,350 | *15 400 *33,350 | 9950 21,450 | 12 400 26,650 | 7650 16,500 | *8500 *18,700 | 6150 13,550 | 10 430 410 |
| 0 mm 0 in | kg lb | | | | | *23 800 *55,050 | 19 700 42,450 | *20 700 *44,850 | 13 050 28,150 | 15 900 34,250 | 9600 20,700 | 12 150 26,150 | 7450 16,050 | *9400 *20,700 | 6250 13,700 | 10 220 410 |
| -1500 mm -60 in | kg lb | | | *15 300 *34,450 | *15 300 *34,450 | *28 150 *61,050 | 19 500 41,950 | *20 950 *45,350 | 12 800 27,550 | 15 700 33,750 | 9400 20,250 | 12 050 25,900 | 7350 15,800 | 10 750 23,650 | 6600 14,500 | 9770 390 |
| -3000 mm -120 in | kg lb | *38,550 | *38,550 | *22 300 *50,350 | *22 300 *50,350 | *26 350 *57,100 | 19 600 42,100 | *20 050 *43,400 | 12 750 27,450 | 15 650 33,650 | 9350 20,150 | 12 050 26,500 | 7350 16,200 | 12 000 26,500 | 7300 16,200 | 9050 360 |
| -4500 mm -180 in | kg lb | | | *30 900 *66,650 | *30 900 *66,650 | *23 050 *49,700 | 19 900 42,850 | *17 800 *38,300 | 12 950 27,850 | *13 750 *29,250 | 9500 20,550 | | | *12 450 *27,450 | 8800 19,600 | 7980 320 |
| -6000 mm -240 in | kg lb | | | | | *17 400 *36,750 | *17 400 *36,750 | *13 100 *27,200 | *13 100 *27,200 | | | | | *11 950 *26,150 | *11 950 *26,150 | 6380 250 |



ISO 10567



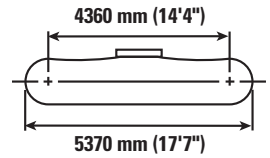
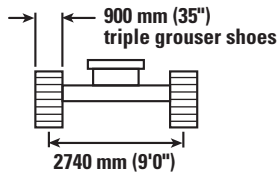
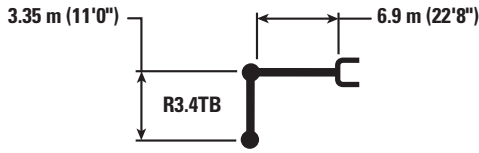
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

349F L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (9.9 t) – Heavy Lift: On



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 9000 mm/360 in | | mm in | | |
|----------|----|----------------|---------|----------------|---------|----------------|--------|----------------|--------|----------------|--------|---------|---------|--------|
| | | | | | | | | | | | | | | |
| 9000 mm | kg | | | | | | | | | | | *9050 | *9050 | 7300 |
| 360 in | lb | | | | | | | | | | | *20,050 | *20,050 | 290 |
| 7500 mm | kg | | | | | | | *11 950 | 11 500 | | | *8500 | *8500 | 8480 |
| 300 in | lb | | | | | | | *26,250 | 24,650 | | | *18,750 | *18,750 | 330 |
| 6000 mm | kg | | | | | | | *12 500 | 11 250 | *10 750 | 8350 | *8350 | 7950 | 9270 |
| 240 in | lb | | | | | | | *27,300 | 24,200 | *20,250 | 17,900 | *18,350 | 17,600 | 370 |
| 4500 mm | kg | | | *20 750 | *20 750 | *16 000 | 15 150 | *13 600 | 10 850 | *12 250 | 8200 | *8450 | 7150 | 9770 |
| 180 in | lb | | | *44,500 | *44,500 | *34,600 | 32,700 | *29,550 | 23,400 | *26,700 | 17,600 | *18,550 | 15,800 | 390 |
| 3000 mm | kg | | | *25 750 | 21 500 | *18 400 | 14 300 | *14 850 | 10 400 | 12 700 | 7950 | *8800 | 6750 | 10 010 |
| 120 in | lb | | | *55,300 | 46,450 | *39,700 | 30,850 | *32,250 | 22,400 | 27,300 | 17,100 | *19,300 | 14,850 | 400 |
| 1500 mm | kg | | | *18 600 | *18 600 | *20 250 | 13 550 | *15 950 | 10 000 | 12 450 | 7700 | *9400 | 6600 | 10 020 |
| 60 in | lb | | | *44,500 | 43,700 | *43,800 | 29,250 | *34,600 | 21,500 | 26,750 | 16,600 | *20,700 | 14,550 | 400 |
| 0 mm | kg | | | *20 950 | 19 850 | *21 150 | 13 150 | 16 000 | 9700 | 12 250 | 7550 | *10 400 | 6700 | 9800 |
| 0 in | lb | | | *48,650 | 42,700 | *45,800 | 28,300 | 34,400 | 20,850 | 26,350 | 16,250 | *22,900 | 14,800 | 390 |
| -1500 mm | kg | *14 900 | *14 900 | *27 700 | 19 800 | *20 950 | 12 950 | 15 850 | 9550 | 12 200 | 7500 | 11 600 | 7150 | 9330 |
| -60 in | lb | *33,650 | *33,650 | *60,150 | 42,600 | *45,400 | 27,900 | 34,050 | 20,550 | 26,250 | 16,150 | 25,600 | 15,750 | 370 |
| -3000 mm | kg | *23 850 | *23 850 | *25 350 | 20 000 | *19 650 | 13 000 | *15 450 | 9550 | | | *12 800 | 8050 | 8570 |
| -120 in | lb | *53,850 | *53,850 | *55,000 | 42,950 | *42,450 | 28,000 | *33,250 | 20,650 | | | *28,150 | 17,850 | 340 |
| -4500 mm | kg | *27 400 | *27 400 | *21 400 | 20 400 | *16 700 | 13 250 | | | | | *12 600 | 9950 | 7430 |
| -180 in | lb | *59,150 | *59,150 | *46,100 | 43,850 | *35,800 | 28,600 | | | | | *27,650 | 22,250 | 290 |



ISO 10567



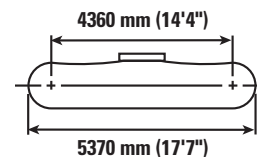
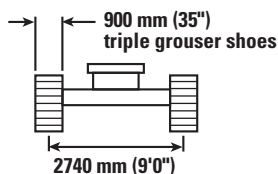
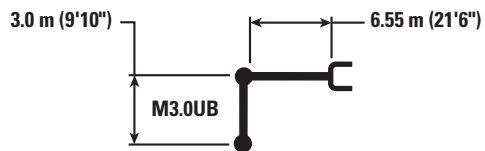
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

349F L Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 9.0 mt (9.9 t) – Heavy Lift: On



| | | 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 | | | | | | | *11 550 28,200 | 11 050 23,450 | | | *10 000 *22,050 | *10 000 *22,050 | 7670 300 |
| 6000 mm 240 in | kg lb | | | | | | | *12 900 *28,200 | 10 900 23,450 | | | *9700 *21,400 | 8750 19,450 | 8540 340 |
| 4500 mm 180 in | kg lb | | | *20 800 *44,600 | *20 800 *44,600 | *16 100 *34,850 | 14 850 32,050 | *13 800 *29,950 | 10 550 22,650 | *10 750 7850 | | *9800 *21,600 | 7750 17,100 | 9070 360 |
| 3000 mm 120 in | kg lb | | | *25 500 *54,800 | 21 150 45,700 | *18 350 *39,600 | 13 950 30,100 | *14 900 *32,300 | 10 100 21,700 | 12 400 26,600 | 7650 16,400 | *10 250 *22,500 | 7200 15,850 | 9330 370 |
| 1500 mm 60 in | kg lb | | | *22 900 *55,100 | 19 900 42,850 | *20 050 *43,400 | 13 250 28,500 | *15 850 *34,350 | 9650 20,800 | 12 150 26,150 | 7400 15,950 | *11 050 *24,250 | 7000 15,450 | 9340 370 |
| 0 mm 0 in | kg lb | | | *25 950 *60,500 | 19 450 41,850 | *20 800 *45,050 | 12 800 27,550 | 15 700 33,800 | 9400 20,200 | 12 000 7300 | | 11 800 26,000 | 7150 15,800 | 9110 360 |
| -1500 mm -60 in | kg lb | *17 850 *40,400 | *17 850 *40,400 | *26 950 *58,450 | 19 400 41,700 | *20 400 *44,150 | 12 650 27,200 | 15 550 33,500 | 9250 19,950 | | | 12 800 28,250 | 7750 17,050 | 8600 340 |
| -3000 mm -120 in | kg lb | *29 450 *66,650 | *29 450 *66,650 | *24 100 *52,200 | 19 650 42,200 | *18 600 *40,150 | 12 700 27,400 | *14 200 *30,250 | 9350 20,250 | | | *13 400 *29,450 | 8950 19,900 | 7760 310 |
| -4500 mm -180 in | kg lb | | | *19 150 *41,000 | *19 150 *41,000 | *14 500 *30,500 | 13 100 28,350 | | | | | *12 800 *28,100 | 11 850 26,600 | 6480 260 |



ISO 10567



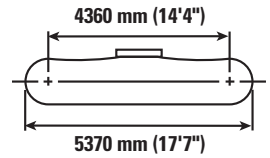
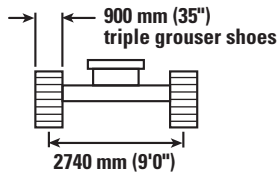
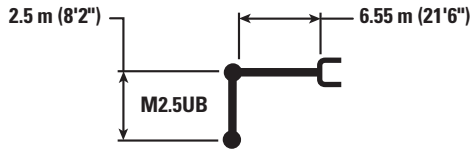
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

349F L Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 9.0 mt (9.9 t) – Heavy Lift: On



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | |  | | |
|---------------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|
| | |  |  |  |  |  |  |  |  |  |  | mm in |
| 7500 mm 300 in | kg lb | | | | | | | | | *13 050 *28,900 | 11 950 26,950 | 7110 280 |
| 6000 mm 240 in | kg lb | | | | | *15 250 *33,150 | *15 250 *33,150 | *13 800 *30,200 | 10 800 23,250 | *12 700 *27,950 | 9650 21,400 | 8030 320 |
| 4500 mm 180 in | kg lb | | | *22 650 *48,500 | *22 650 *48,500 | *17 150 *37,050 | 14 700 31,700 | *14 500 *31,600 | 10 500 22,600 | *12 850 *28,250 | 8450 18,650 | 8600 340 |
| 3000 mm 120 in | kg lb | | | *58,350 | 44,750 | *19 200 *41,500 | 13 850 29,900 | *15 500 *33,650 | 10 100 21,700 | 12 700 27,950 | 7850 17,250 | 8880 350 |
| 1500 mm 60 in | kg lb | | | | | *20 650 *44,650 | 13 250 28,500 | 16 050 34,550 | 9700 20,950 | 12 450 27,450 | 7650 16,800 | 8890 350 |
| 0 mm 0 in | kg lb | | | *23 950 *56,350 | 19 650 42,200 | *21 000 *45,500 | 12 900 27,750 | 15 800 34,000 | 9500 20,450 | 12 900 28,350 | 7850 17,250 | 8640 340 |
| -1500 mm -60 in | kg lb | *18 000 *41,100 | *18 000 *41,100 | *26 050 *56,650 | 19 700 42,350 | *20 150 *43,650 | 12 800 27,600 | 15 750 33,900 | 9450 20,350 | 14 150 *31,150 | 8550 18,850 | 8100 320 |
| -3000 mm -120 in | kg lb | *27 750 *60,500 | *27 750 *60,500 | *22 750 *49,200 | 20 000 43,000 | *17 800 *38,300 | 13 000 28,000 | | | *14 000 *30,800 | 10 150 22,550 | 7210 290 |
| -4500 mm -180 in | kg lb | | | *16 800 *35,700 | *16 800 *35,700 | | | | | *12 750 *27,850 | *12 750 *27,850 | 5800 230 |



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.

349F L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

| | | | | | | | | | 349F L | | | | | 349F L | | | |
|----------------------------------------|-------|------|----------------|-----------------|--------|-------|-------|---------|-----------------------------------|---------------|------------------|------------------|----------------|-----------------------------------|---------------|------------------|------------------|
| | | | | | | | | | 900 mm (35") Triple Grouser Shoes | | | | | 600 mm (24") Triple Grouser Shoes | | | |
| | | | | | | | | | Counterweight – 9.0 mt (9.9 t) | | | | | | | | |
| Linkage | Width | | Capacity | | Weight | | Fill | ME Boom | | HD Reach Boom | | HD LR Boom | ME Boom | | HD Reach Boom | | |
| | mm | in | m ³ | yd ³ | kg | lb | | % | M2.5 (8'2") | M3.0 (9'10") | R3.35 HD (11'0") | R3.9 HD (12'10") | LR 4.3 (14'1") | M2.5 (8'2") | M3.0 (9'10") | R3.35 HD (11'0") | R3.9 HD (12'10") |
| Without Pin Grabber Coupler | | | | | | | | | | | | | | | | | |
| General Duty (GDC) | TB | 750 | 30 | 0.95 | 1.24 | 1311 | 2,889 | 100% | | | ● | ● | ● | | | ● | ● |
| | TB | 900 | 36 | 1.23 | 1.60 | 1441 | 3,176 | 100% | | | ● | ● | ● | | | ● | ● |
| | TB | 1050 | 42 | 1.51 | 1.98 | 1525 | 3,361 | 100% | | | ● | ● | ● | | | ● | ● |
| | TB | 1200 | 48 | 1.80 | 2.36 | 1676 | 3,694 | 100% | | | ● | ● | ⊙ | | | ● | ● |
| | TB | 1350 | 54 | 2.10 | 2.74 | 1792 | 3,950 | 100% | | | ● | ● | ⊖ | | | ● | ⊙ |
| | TB | 1500 | 60 | 2.39 | 3.13 | 1943 | 4,282 | 100% | | | ⊙ | ⊙ | ○ | | | ⊙ | ⊖ |
| | TB | 1700 | 68 | 2.78 | 3.64 | 2128 | 4,690 | 100% | | | ⊖ | ⊖ | ◇ | | | ⊖ | ○ |
| TB | 1850 | 74 | 3.08 | 4.04 | 2254 | 4,968 | 100% | | | ○ | ○ | ◇ | | | ○ | ○ | |
| General Duty XL (GDXL) | TB | 2000 | 80 | 3.82 | 5.00 | 2457 | 5,415 | 100% | | | ◇ | ◇ | X | | | ◇ | ◇ |
| Heavy Duty (HD) | TB | 900 | 36 | 1.08 | 1.41 | 1594 | 3,513 | 100% | | | ● | ● | ● | | | ● | ● |
| | TB | 1050 | 42 | 1.34 | 1.75 | 1684 | 3,712 | 100% | | | ● | ● | ● | | | ● | ● |
| | TB | 1200 | 48 | 1.60 | 2.09 | 1834 | 4,043 | 100% | | | ● | ● | ● | | | ● | ● |
| | TB | 1350 | 54 | 1.87 | 2.44 | 1962 | 4,324 | 100% | | | ● | ● | ⊖ | | | ● | ● |
| | TB | 1500 | 60 | 2.14 | 2.80 | 2125 | 4,684 | 100% | | | ● | ⊙ | ○ | | | ● | ⊙ |
| | TB | 1650 | 66 | 2.41 | 3.15 | 2286 | 5,039 | 100% | | | ⊙ | ⊖ | ○ | | | ⊙ | ⊖ |
| | TB | 1800 | 72 | 2.69 | 3.52 | 2423 | 5,340 | 100% | | | ⊖ | ○ | ◇ | | | ⊖ | ○ |
| Severe Duty (SD) | UB | 1850 | 73 | 3.19 | 4.16 | 2735 | 6,028 | 100% | ⊖ | ○ | | | | ⊖ | ○ | | |
| | TB | 750 | 30 | 0.88 | 1.15 | 1446 | 3,187 | 90% | | | ● | ● | ● | | | ● | ● |
| | TB | 900 | 36 | 1.08 | 1.41 | 1677 | 3,696 | 90% | | | ● | ● | ● | | | ● | ● |
| | TB | 1050 | 42 | 1.34 | 1.75 | 1779 | 3,921 | 90% | | | ● | ● | ● | | | ● | ● |
| | TB | 1200 | 48 | 1.60 | 2.09 | 1952 | 4,302 | 90% | | | ● | ● | ● | | | ● | ● |
| | TB | 1400 | 55 | 1.87 | 2.44 | 2180 | 4,805 | 90% | | | ● | ● | ⊙ | | | ● | ● |
| | TB | 1550 | 61 | 2.14 | 2.80 | 2381 | 5,248 | 90% | | | ● | ⊙ | ⊖ | | | ● | ⊙ |
| | TB | 1700 | 67 | 2.41 | 3.16 | 2524 | 5,563 | 90% | | | ⊙ | ⊖ | ○ | | | ⊙ | ⊖ |
| | TB | 1850 | 74 | 2.69 | 3.52 | 2726 | 6,008 | 90% | | | ⊖ | ○ | ◇ | | | ⊖ | ○ |
| | UB | 1450 | 58 | 2.39 | 3.13 | 2540 | 5,598 | 90% | ● | ● | | | | ● | ⊙ | | |
| UB | 1850 | 73 | 3.21 | 4.20 | 2987 | 6,583 | 90% | ⊖ | ○ | | | | ⊖ | ○ | | | |
| Extreme Duty (XD) | TB | 1250 | 49 | 1.60 | 2.09 | 2224 | 4,902 | 90% | | | ● | ● | ● | | | ● | ● |
| | TB | 1400 | 55 | 1.87 | 2.44 | 2366 | 5,215 | 90% | | | ● | ● | ⊖ | | | ● | ● |
| Maximum load pin-on (payload + bucket) | | | | | | | | kg | 7876 | 7133 | 6868 | 6342 | 5282 | 7643 | 6914 | 6663 | 6147 |
| | | | | | | | | lb | 17,359 | 15,721 | 15,137 | 13,978 | 11,642 | 16,845 | 15,238 | 14,685 | 13,548 |

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)
- X Not Recommended

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.

349F L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

| | | | | | | | | | 349F L | | | | | 349F L | | | | |
|----------------------------------------|---------|-------|------|----------------|-----------------|--------|-------|------|-----------------------------------|--------------|------------------|------------------|----------------|-----------------------------------|--------------|------------------|------------------|--------|
| | | | | | | | | | 900 mm (35") Triple Grouser Shoes | | | | | 600 mm (24") Triple Grouser Shoes | | | | |
| | | | | | | | | | Counterweight – 9.0 mt (9.9 t) | | | | | | | | | |
| | Linkage | Width | | Capacity | | Weight | | Fill | ME Boom | | HD Reach Boom | | HD LR Boom | ME Boom | | HD Reach Boom | | |
| | | mm | in | m ³ | yd ³ | kg | lb | % | M2.5 (8'2") | M3.0 (9'10") | R3.35 HD (11'0") | R3.9 HD (12'10") | LR 4.3 (14'1") | M2.5 (8'2") | M3.0 (9'10") | R3.35 HD (11'0") | R3.9 HD (12'10") | |
| With Pin Grabber Coupler | | | | | | | | | | | | | | | | | | |
| General Duty (GDC) | TB | 750 | 30 | 0.95 | 1.24 | 1311 | 2,889 | 100% | | | ● | ● | ● | | | ● | ● | |
| | TB | 900 | 36 | 1.23 | 1.60 | 1441 | 3,176 | 100% | | | ● | ● | ● | | | ● | ● | |
| | TB | 1050 | 42 | 1.51 | 1.98 | 1525 | 3,361 | 100% | | | ● | ● | ● | | | ● | ● | |
| | TB | 1200 | 48 | 1.80 | 2.36 | 1676 | 3,694 | 100% | | | ● | ● | ⊙ | | | ● | ● | |
| | TB | 1350 | 54 | 2.10 | 2.74 | 1792 | 3,950 | 100% | | | ● | ● | ⊖ | | | ● | ⊙ | |
| | TB | 1500 | 60 | 2.39 | 3.13 | 1943 | 4,282 | 100% | | | ⊙ | ⊙ | ○ | | | ⊙ | ⊖ | |
| | TB | 1700 | 68 | 2.78 | 3.64 | 2128 | 4,690 | 100% | | | ⊖ | ⊖ | ◇ | | | ⊖ | ○ | |
| TB | 1850 | 74 | 3.08 | 4.04 | 2254 | 4,968 | 100% | | | ○ | ○ | ◇ | | | ○ | ○ | | |
| General Duty XL (GDXL) | TB | 2000 | 80 | 3.82 | 5.00 | 2457 | 5,415 | 100% | | | ◇ | ◇ | X | | | ◇ | ◇ | |
| Heavy Duty (HD) | TB | 900 | 36 | 1.08 | 1.41 | 1594 | 3,513 | 100% | | | ● | ● | ● | | | ● | ● | |
| | TB | 1050 | 42 | 1.34 | 1.75 | 1684 | 3,712 | 100% | | | ● | ● | ● | | | ● | ● | |
| | TB | 1200 | 48 | 1.60 | 2.09 | 1834 | 4,043 | 100% | | | ● | ● | ● | | | ● | ● | |
| | TB | 1350 | 54 | 1.87 | 2.44 | 1962 | 4,324 | 100% | | | ● | ● | ⊖ | | | ● | ● | |
| | TB | 1500 | 60 | 2.14 | 2.80 | 2125 | 4,684 | 100% | | | ● | ⊙ | ○ | | | ● | ⊙ | |
| | TB | 1650 | 66 | 2.41 | 3.15 | 2286 | 5,039 | 100% | | | ⊙ | ⊖ | ○ | | | ⊙ | ⊖ | |
| Severe Duty (SD) | TB | 750 | 30 | 0.88 | 1.15 | 1446 | 3,187 | 90% | | | ● | ● | ● | | | ● | ● | |
| | TB | 900 | 36 | 1.08 | 1.41 | 1677 | 3,696 | 90% | | | ● | ● | ● | | | ● | ● | |
| | TB | 1050 | 42 | 1.34 | 1.75 | 1779 | 3,921 | 90% | | | ● | ● | ● | | | ● | ● | |
| | TB | 1200 | 48 | 1.60 | 2.09 | 1952 | 4,302 | 90% | | | ● | ● | ● | | | ● | ● | |
| | TB | 1400 | 55 | 1.87 | 2.44 | 2180 | 4,805 | 90% | | | ● | ● | ⊙ | | | ● | ● | |
| | TB | 1550 | 61 | 2.14 | 2.80 | 2381 | 5,248 | 90% | | | ● | ⊙ | ⊖ | | | ● | ⊙ | |
| | TB | 1700 | 67 | 2.41 | 3.16 | 2524 | 5,563 | 90% | | | ⊙ | ⊖ | ○ | | | ⊙ | ⊖ | |
| | TB | 1850 | 74 | 2.69 | 3.52 | 2726 | 6,008 | 90% | | | ⊖ | ○ | ◇ | | | ⊖ | ○ | |
| Extreme Duty (XD) | TB | 1250 | 49 | 1.60 | 2.09 | 2224 | 4,902 | 90% | | | ● | ● | ● | | | ● | ● | |
| | TB | 1400 | 55 | 1.87 | 2.44 | 2366 | 5,215 | 90% | | | ● | ● | ⊖ | | | ● | ● | |
| Maximum load pin-on (payload + bucket) | | | | | | | | | kg | 7043 | 6300 | 6035 | 5509 | 4449 | 6810 | 6081 | 5830 | 5314 |
| | | | | | | | | | lb | 15,523 | 13,885 | 13,301 | 12,142 | 9,806 | 15,009 | 13,403 | 12,849 | 11,712 |

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)
- X Not Recommended

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.

349F L Hydraulic Excavator Specifications

349F L Work Tool Offering Guide*

| Boom Type | Long Reach Boom HD | Reach Boom HD | | Mass Boom | |
|-----------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Stick Size | R4.3 HD (14'1") | R3.9 HD (12'10") | R3.35 HD (11'0") | M3.0 (9'10") | M2.5 (8'2") |
| Hydraulic Hammer | H160E s H180E s | H160E s H180E s | H160E s H180E s | H160E s H180E s | H160E s H180E s |
| Multi-Processor | MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw | MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw | MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw | MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw | MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw MP40 CC Jaw MP40 CR Jaw MP40 PS Jaw |
| Pulverizer | P235 | P235 | P235 | P235 | P235 |
| Demolition and Sorting Grapple | G330 | G330 | G330 | G330 | G330 |
| Mobile Scrap and Demolition Shear | S340B S365C S385C | S340B S365C S385C | S340B S365C S385C | S340B S365C S385C | S340B S365C S385C |
| Orange Peel Grapple | These work tools are available for the 349F L. Consult your Cat dealer for proper match. | | | | |
| Rippers | | | | | |
| Center-Lock™ Pin Grabber Coupler | | | | | |

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

349F L Standard Equipment

Standard Equipment

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

ENGINE

- Air cleaner
- Cat C13 ACERT diesel engine
- Biodiesel capable
- Meets Tier 4 Final emission standards
- 2300 m (7,500 ft) altitude capability
- Electric priming 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
- Fuel differential indicator switch in fuel line

HYDRAULIC SYSTEM

- Automatic swing parking brake
- Regeneration circuit for boom and stick
- High-performance hydraulic return filter
- Regeneration circuit for boom and stick
- Capability of installing additional auxiliary circuits
- Bio oil capable
- 52° ambient cooling capability
- Heavy lift mode
- Joystick control pattern changer through monitor
- Fine swing*

CAB

- Wiper and washer
- Mirrors
- Pressurized operator station with positive filtration
- Windshield
 - 70-30 split, sliding, removable lower windshield with in cab storage bracket
- Sliding upper door window (left-hand cab door)
- Openable skylight
- Sunscreen

- Interior:
 - Glass-breaking safety hammer
 - Coat hook
 - Beverage holder
 - Literature holder
 - Interior lighting
 - AM/FM radio
 - Two 12V stereo speakers
 - Storage shelf suitable for lunch or toolbox
 - Power supply with 12V, two power outlets (10 amp)
 - Thumb wheel modulation joystick for use with combined auxiliary control
 - Air conditioner, heater and defroster with climate control
- Seat:
 - Adjustable high-back, heated and ventilated seat with air suspension
 - Seat belt, 51 mm (2 in)
 - Adjustable armrest
 - Height adjustable joystick consoles
 - Neutral lever (lock out) for all controls
 - Travel control pedals with removable hand levers
 - Capability of installing two additional pedals
 - Two speed travel
 - Floor mat, washable
 - Third travel pedal
- Monitor:
 - Clock
 - Video ready
 - Color LCD display with warning, filter/fluid change, and working hour information
 - Language display (full graphic and full color display)
 - Machine condition, error code and tool mode setting information
 - Start-up level check for engine oil, engine coolant and hydraulic oil
 - Warning, filter/fluid change and working hour information
 - Fuel consumption meter

UNDERCARRIAGE

- Grease Lubricated Track GLT4
- Towing eye on base frame
- Heavy-duty track rollers
- Track motor guards
- Swivel guard
- Heavy duty bottom guard

ELECTRICAL

- 80 amp alternator
- Circuit breaker
- Capability to electrically connect a beacon
- Travel alarm

LIGHTS

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

SAFETY & 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
- Openable skylight for emergency exit
- Rearview camera
- Capability to connect a beacon
- Bolt-on FOGS capability
- Safety hammer for breaking cab glass

INTEGRATED TECHNOLOGIES

- Product Link
- Rear vision camera

*North America

Optional Equipment

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

ENGINE

- Quick drains, engine and hydraulic oil* **

HYDRAULIC SYSTEM

- Control pattern quick-changer
- Boom and stick lowering control devices
- HP hydraulic lines for boom and stick
- MP hydraulic lines for boom and stick
- QC hydraulic lines for boom and stick
- QC control
- Bio oil
- Heavy lift

UNDERCARRIAGE

- Tracks:
 - 900 mm (35") triple grouser*
 - 750 mm (30") triple grouser**
 - 750 mm (30") single grouser*
 - 600 mm (24") double grouser** ***
 - 600 mm (24") double grouser Heavy Duty* **
- Track guiding guards:
 - Center
 - Segmented
 - Full length
- Idler:
 - Forging
 - Fabricating

COUNTERWEIGHT

- 8.6 mt (9.4 t) with removal device*
- 9.0 mt (9.9 t)

ELECTRICAL

- Cold weather package
- Jump start receptacle

FRONT LINKAGE

- Reach Boom, 7.4 m (24'2")*
- Reach Boom, 6.9 m (22'8")
- Mass Boom, 6.55 m (21'6")
- Reach stick, R4.3 m TB (14'1")*
- Reach stick, R3.9 m TB (12'10")* **
- Reach stick, R3.35 m TB (11')
- Mass stick, M3.0 m UB (9'10")
- Mass stick, M2.5 m UB (8'2")
- TB bucket linkage with lifting eye
- UB bucket linkage with/without lifting eye
- Pin Grabber coupler

LIGHTS

- Working lights, cab mounted with time delay
- Halogen lights, cab mounted with time delay
- Halogen boom lights
- HID boom lights

SECURITY

- Falling Object Guard system (FOGS)

TECHNOLOGY

- Cat Grade Control (2D, 3D)
- Cat Production Measurement

*North America

**ANZ

***South Korea

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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