336F L

Hydraulic Excavator

2017



Engine		
Engine Model	Cat® C9.3 ACERT™	
Power – ISO 14396	234 kW	313 hp
Power – SAE J1349	228 kW	306 hp

Drive		
Maximum Travel Speed	4.8 km/h	3 mph
Maximum Drawbar Pull	294 kN	66,139 lbf
Operating Weights		
Minimum	37 200 kg	82,000 lb
Maximum	40 000 kg	88,200 lb

The 336F L is built to keep your production numbers up and your owning and operating costs down.

Not only does the machine's C9.3 ACERT engine meet 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.

Contents

Reliable and Productive....4
Fuel Efficient....6
Easy to Operate....8
Durable Structures....10
Durable Linkages....11
Versatile....12
Cat Connect Technologies....14
Safe Work Environment....15
Serviceable....16
Complete Customer Care....17
Sustainable....17
Specifications....18
Standard Equipment....32
Optional Equipment....33
Notes....34




CAT
336F
L
CAT

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 336F can deliver. Major hydraulic components like pumps and valves are located close together so shorter tubes and lines can be used. This design leads to less friction loss, reduced pressure drops, and more power to the ground for the work you need to get done.

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

Control Like No Other

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

Auxiliary Hydraulics For Added Versatility

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



Fuel Efficient

Engineered to lower your operating costs

The Cat C9.3 ACERT engine meets 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 336F L features a side-by-side cooling system that allows you to put the machine to work in extremely hot and cold conditions. The system is completely separated from the engine compartment to reduce noise and heat. Plus it features easy-to-clean cores and a new variable-speed fan that reverses to blow out unwanted debris that may accumulate during your work day.

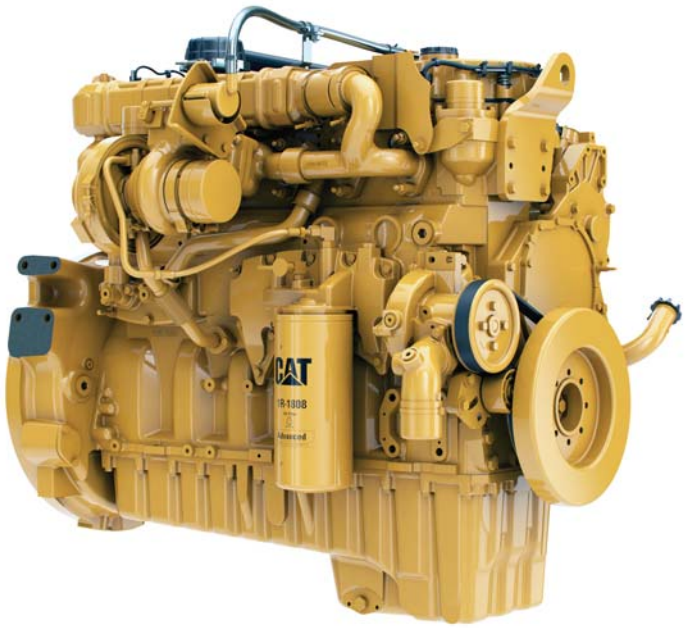
Biodiesel Not a Problem

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

Proven Technology

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

- **Improved Fuel Efficiency** over 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 336F 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 6.0 mt (6.6 t) and 7.0 mt (7.7 t) counterweights are available; with the heavier weight matched to a unique extreme service configuration that is designed to give you more lift. Both counterweights are 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 336F is offered with a range of booms and sticks. Each is built with internal baffle plates and is stress relieved for added durability, and each undergoes ultrasound inspection to ensure quality and reliability. Large box-section structures with thick, multi-plate fabrications, castings, and forgings are used in high-stress areas such as the boom nose, boom foot, boom cylinder, and stick foot to improve durability. Also, the boom nose pin retention method is a captured flag design for enhanced durability.

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

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

Pins

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

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

Versatile

Do more jobs with one machine



Get the Most from One Machine

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

Change Jobs Quickly

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

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

Dig, Rip and Load

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

Break, Demolish and Scrap

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

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

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

Set Up Your Machine for Profitability

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

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 job site operations





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

Cat Connect technologies offer improvements in these key areas:

EQUIPMENT MANAGEMENT

Equipment Management – increase uptime and reduce operating costs.

PRODUCTIVITY

Productivity – monitor production and manage job site efficiency.

SAFETY

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

LINK Technologies

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

Product Link/VisionLink®

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

Safe Work Environment

Features to help protect you day in and day out





Secure Contact Points

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

Smart Lighting

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

A Safe and Quiet Cab

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

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

Ground-Level Access

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



Serviceable

Designed to make your maintenance quick and easy

Quick and Convenient Fluids Service

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

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

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

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

A Smart Cooling Design

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



A Fresh Idea

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

Complete Customer Care

Unmatched support makes the difference

Worldwide Parts Availability

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

Financial Options Just for You

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

What's Best for You Today…and Tomorrow

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





Sustainable

Generations ahead in every way

The 336F L is designed to compliment your business plan and minimize the consumption of natural resources resulting in reduced emissions.

- The C9.3 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 bio diesel (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 336F L is an efficient, productive machine that's designed to conserve our natural resources for generations ahead.

336F L Hydraulic Excavator Specifications

Engine

Engine Model	Cat C15 ACERT	
Power – SAE J1995	238 kW	319 hp
Power – ISO 14396	234 kW	313 hp
Power – SAE J1349	228 kW	306 hp
Bore	115 mm	4.53 in
Stroke	149 mm	5.87 in
Displacement	9.3 L	568 in^3

Drive

Gradeability	30°/70%	
Maximum Travel Speed	4.8 km/h	3 mph
Maximum Drawbar Pull	294 kN	66,139 lbf

Track

Track Options	850 mm 800 mm	34 in 32 in
Number of Shoes Each Side	49	
Number of Track Rollers Each Side	9	
Number of Carrier Rollers Each Side	2	

Swing

Swing Speed	8.9 rpm	
Swing Torque	109 kN·m	80,144 lbf-ft
Maximum Swing Torque	134 kN·m	98,833 lbf-ft

Service Refill Capacities

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

Sound Performance

Exterior – ISO 6395	106 dB(A)
Operator – ISO 6396	73 dB(A)

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

Hydraulic System

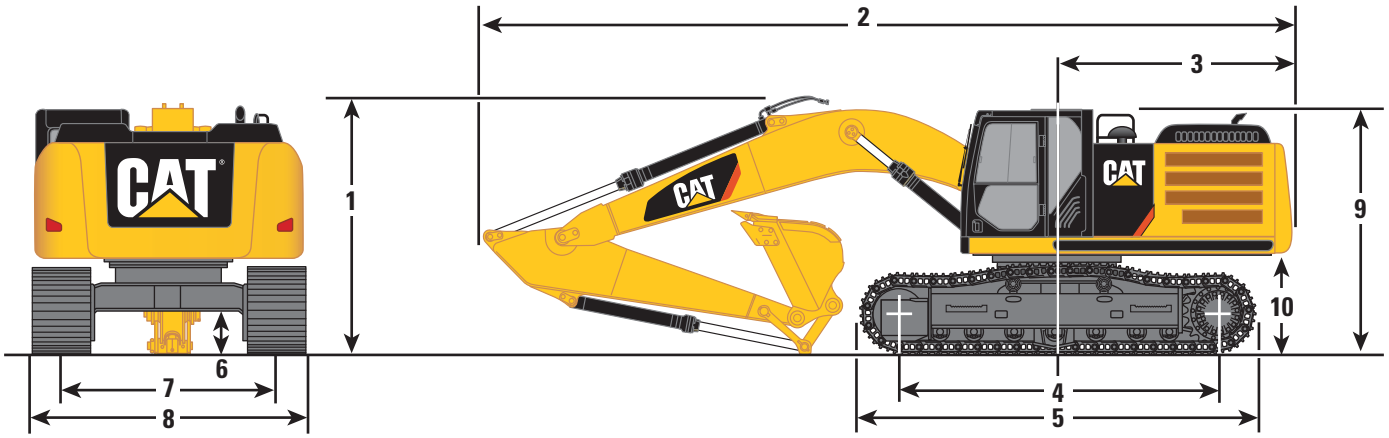
Maximum Flow (total)		
Main System	570 L/min	151 gal/min
Swing System	279 L/min	74 gal/min
Pilot System	29 L/min	8 gal/min
Maximum Pressure		
Main System – Normal	35 000 kPa	5,076 psi
Main System – Heavy Lift	38 000 kPa	5,511 psi
Main System – Travel	35 000 kPa	5,076 psi
Main System – Swing	28 000 kPa	4,061 psi
Pilot System	4100 kPa	595 psi
Boom Cylinder		
Bore	150 mm	5.9 in
Stroke	1440 mm	56.7 in
Stick Cylinder		
Bore	170 mm	6.7 in
Stroke	1738 mm	68.4 in
DB – Family Bucket Cylinder		
Bore	150 mm	5.9 in
Stroke	1151 mm	45.3 in
TB – Family Bucket Cylinder		
Bore	160 mm	6.3 in
Stroke	1356 m	53.4 in

Standards (including tank)

Brakes	SAE J1026/APR90
Cab/FOGS	SAE J1356 FEB88 ISO 10262
DEF	ISO 22241

Dimensions

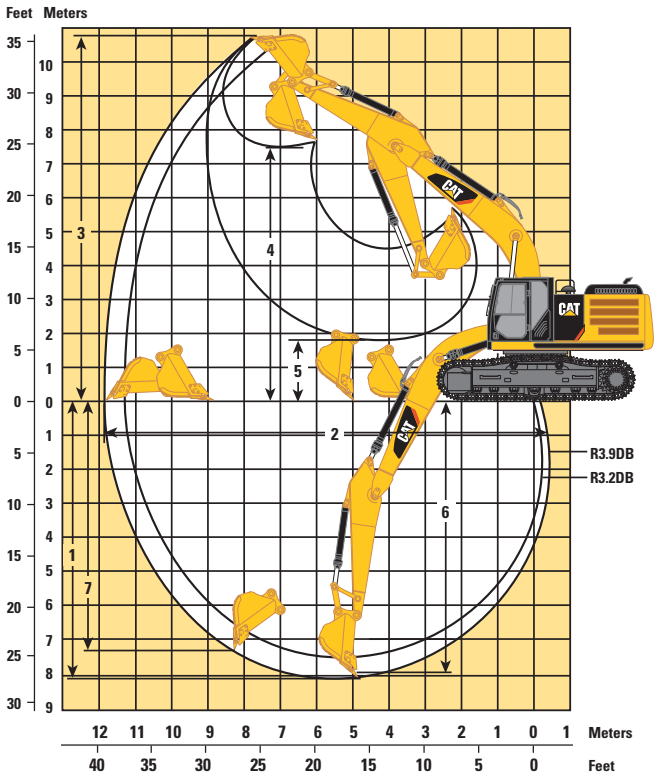
All dimensions are approximate.

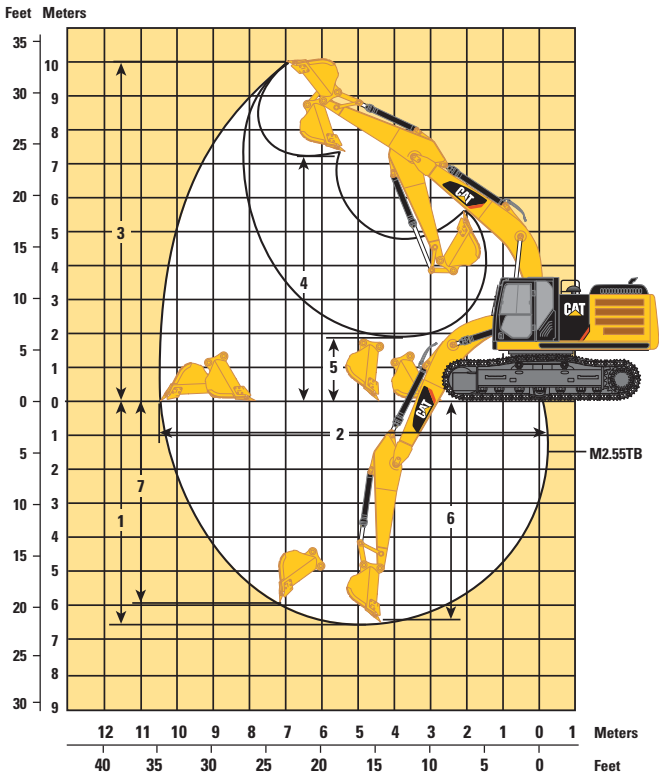


Boom Type	Extreme Service and Heavy Duty Reach Booms 6.50 m (21'4")		Mass Boom 6.18 m (20'3")
Stick Type	**R3.9DB (12'10")**	**R3.2DB (10'6")**	**M2.55TB (8'4")**
	mm (ft)	**mm (ft)**	**mm (ft)**
1 Shipping Height (with Shoe Lug Height)	3650 (12'0")	3500 (11'6")	3630 (11'11")
2 Shipping Length	11 160 (36'7")	11 140 (36'7")	10 850 (35'7")
3 Tail Swing Radius	3460 (11'4")	3460 (11'4")	3460 (11'4")
4 Length to Center of Rollers	4040 (13'3")	4040 (13'3")	4040 (13'3")
5 Track Length	5030 (16'6")	5030 (16'6")	5030 (16'6")
6 Ground Clearance			
With Shoe Lug Height	510 (1'8")	510 (1'8")	510 (1'8")
Without Shoe Lug Height	480 (1'7")	480 (1'7")	480 (1'7")
7 Track Gauge	2590 (8'6")	2590 (8'6")	2590 (8'6")
8 Transport Width			
800 mm (32") Shoes	3390 (11'1")	3390 (11'1")	3390 (11'1")
850 mm (34") Shoes	3440 (11'3")	3440 (11'3")	3440 (11'3")
9 Cab Height	3160 (10'4")	3160 (10'4")	3160 (10'4")
Cab Height with Top Guard	3360 (11'0")	3360 (11'0")	3360 (11'0")
10 Counterweight Clearance (without Shoe Lug Height)	1220 (4'0")	1220 (4'0")	1220 (4'0")

Working Ranges

All dimensions are approximate.





Boom Type	Extreme Service and Heavy Duty Reach Booms 6.50 m (21'4")		Mass Boom 6.18 m (20'3")
Stick Type	**R3.9DB (12'10")**	**R3.2DB (10'6")**	**M2.55TB (8'4")**
	mm (ft)	**mm (ft)**	**mm (ft)**
1 Maximum Digging Depth	8190 (26'10")	7490 (24'7")	6650 (21'10")
2 Maximum Reach at Ground Level	11 720 (38'5")	11 020 (36'2")	10 260 (33'8")
3 Maximum Cutting Height	10 740 (35'3")	10 320 (33'10")	9970 (32'9")
4 Maximum Loading Height	7500 (24'7")	7110 (23'4")	6620 (21'9")
5 Minimum Loading Height	1910 (6'3")	2610 (8'7")	2920 (9'7")
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	7610 (25'0")	6820 (22'5")	5810 (19'1")
7 Maximum Vertical Wall Digging Depth	6310 (20'8")	5500 (18'1")	4450 (14'7")

Operating Weights and Ground Pressures

	850 mm (34") Triple Grouser Shoes		800 mm (32") Triple Grouser Shoes	
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
6.0 mt (6.6 t) Counterweight				
HD Reach Boom 6.5 m (21'4")				
HD R3.9DB HD (12'10")	37 700 (83,100)	49.6 (7.2)	37 400 (82,500)	52.2 (7.6)
HD R3.2DB (10'6")	37 500 (82,700)	49.3 (7.2)	37 200 (82,000)	52.0 (7.5)
Mass Boom 6.18 m (20'3")				
M2.55TB (8'4")	38 900 (85,800)	51.1 (7.4)	38 600 (85,100)	53.9 (7.8)
7.0 mt (7.7 t) Counterweight				
HD Reach Boom 6.5 m (21'4")				
HD R3.9DB HD (12'10")	38 800 (85,500)	51.0 (7.4)	38 500 (84,900)	53.8 (7.8)
HD R3.2DB (10'6")	38 600 (85,100)	50.8 (7.4)	38 300 (84,400)	53.5 (7.8)
ES Reach Boom 6.5 m (21'4")*				
ES R3.9DB (12'10")	39 000 (86,000)	51.3 (7.4)	38 700 (85,300)	54.1 (7.8)
ES R3.2DB (10'6")	38 900 (85,800)	51.1 (7.4)	38 600 (85,100)	53.9 (7.8)
Mass Boom 6.18 m (20'3")				
M2.55TB (8'4")	40 000 (88,200)	52.6 (7.6)	39 700 (87,500)	55.5 (8.0)

Major Component Weights*

	kg	lb
Lower Structure (without counterweight and track)	8900	19,600
Upper Structure (without front linkage)		
For 6.0 mt (6.6 t) counterweight	9900	21,800
For 7.0 mt (7.7 t) counterweight	10 000	22,000
Counterweight		
6.0 mt (6.6 t)	6000	13,200
7.0 mt (7.7 t)	7000	15,400
Boom (includes lines, pins and stick cylinder)		
HD Reach Boom – 6.50 m (21'4")	4100	9,000
ES Reach Boom – 6.50 m (21'4")	4300	9,500
Mass Boom – 6.18 m (20'3")	4200	9,300
Stick (includes lines, pins and bucket cylinder)		
R3.9DB HD (12'10")	1900	4,200
R3.9DB ES (12'10")	2100	4,600
R3.2DB HD (10'6")	1800	4,000
R3.2DB ES (10'6")	1900	4,200
M2.55TB (8'4")	2100	4,600
Track Shoes (Long)		
800 mm (32") triple grouser	5100	11,200
850 mm (34") triple grouser	5400	11,900
Quick Coupler	600	1,300
Buckets		
DB1536GP-C 342-2192 SAE 2.28 m^3 (2.98 yd^3)	1500	3,300
TB1676SD 339-3748 SAE 2.41 m^3 (3.15 yd^3)	2500	5,500

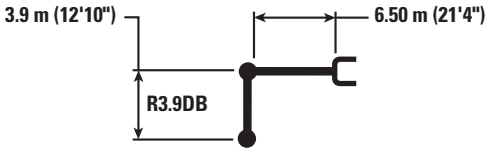
*Base machine includes 75 kg (165 lb) operator weight and 90% fuel weight, and undercarriage with center guard.

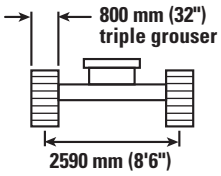
Bucket and Stick Forces

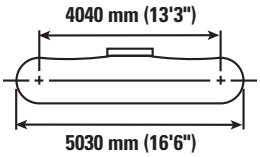
Boom Type	Extreme Service and Heavy Duty Reach Booms 6.50 m (21'4")		Mass Boom 6.18 m (20'3")
Stick Type	**R3.9DB (12'10")**	**R3.2DB (10'6")**	**M2.55TB (8'4")**
	kN (lbf)	**kN (lbf)**	**kN (lbf)**
General Duty			
Bucket Digging Force (SAE)	188.5 (42,380)	188.5 (42,380)	234.7 (52,760)
Stick Digging Force (SAE)	141.5 (31,810)	162.1 (36,440)	184.6 (41,500)
Heavy Duty			
Bucket Digging Force (SAE)	184.9 (41,570)	184.9 (41,570)	234.7 (52,760)
Stick Digging Force (SAE)	140.7 (31,630)	161.1 (36,220)	184.6 (41,500)
Severe Duty			
Bucket Digging Force (SAE)	184.9 (41,570)	184.9 (41,570)	231.0 (51,930)
Stick Digging Force (SAE)	140.7 (31,630)	161.1 (36,220)	183.9 (41,340)
Extreme Duty			
Bucket Digging Force (SAE)	184.9 (41,570)	184.9 (41,570)	–
Stick Digging Force (SAE)	140.7 (31,630)	161.1 (36,220)	–

336F L Hydraulic Excavator Specifications

Heavy Duty Reach Boom Lift Capacities – Counterweight: 6.0 mt (6.6 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**													*6250 ***13,900**	*6250 ***13,900**	7350 **290**
7500 mm **300 in**	kg **lb**									*7700 ***17,000**	*7700 **16,900**			*5800 ***12,800**	*5800 ***12,800**	8540 **340**
6000 mm **240 in**	kg **lb**									*8000 ***17,500**	7750 **16,650**	*7500 ***14,500**	5700 **12,200**	*5650 ***12,400**	5350 **11,850**	9340 **370**
4500 mm **180 in**	kg **lb**							*9800 ***21,200**	*9800 ***21,200**	*8750 ***19,050**	7500 **16,150**	*8200 ***17,900**	5600 **12,000**	*5650 ***12,450**	4800 **10,600**	9840 **390**
3000 mm **120 in**	kg **lb**					*15 300 ***32,900**	15 300 ***32,900**	*11 600 ***25,050**	10 000 **21,500**	*9750 ***21,150**	7200 **15,450**	8500 **18,200**	5450 **11,650**	*5850 ***12,800**	4500 **9,900**	10 100 **400**
1500 mm **60 in**	kg **lb**					*18 450 ***39,800**	14 100 **30,450**	*13 300 ***28,800**	9400 **20,250**	*10 700 ***23,250**	6850 **14,750**	8300 **17,800**	5250 **11,300**	*6150 ***13,550**	4400 **9,650**	10 130 **400**
0 mm **0 in**	kg **lb**			*8250 ***18,800**	*8250 ***18,800**	*20 100 ***43,450**	13 500 **29,000**	*14 500 ***31,400**	8950 **19,350**	10 600 **22,800**	6600 **14,200**	8150 **17,500**	5100 **11,000**	*6750 ***14,800**	4450 **9,750**	9930 **390**
–1500 mm **–60 in**	kg **lb**	*8650 ***19,300**	*8650 ***19,300**	*12 900 ***29,200**	*12 900 ***29,200**	*20 350 ***44,050**	13 250 **28,450**	14 600 **31,400**	8750 **18,850**	10 450 **22,450**	6450 **13,850**	8050 **17,300**	5050 **10,850**	7500 **16,500**	4700 **10,350**	9490 **380**
–3000 mm **–120 in**	kg **lb**	*13 700 ***30,600**	*13 700 ***30,600**	*18 850 ***42,600**	*18 850 ***42,600**	*19 450 ***42,150**	13 250 **28,500**	14 550 **31,250**	8700 **18,750**	10 400 **22,400**	6400 **13,800**			8400 **18,550**	5250 **11,600**	8770 **350**
–4500 mm **–180 in**	kg **lb**	*19 600 ***44,100**	*19 600 ***44,100**	*24 050 ***51,900**	*24 050 ***51,900**	*17 350 ***37,450**	13 450 **29,000**	*13 150 ***28,300**	8850 **19,050**	*9900 ***20,850**	6550 **14,200**			*9450 ***20,850**	6350 **14,150**	7690 **300**
–6000 mm **–240 in**	kg **lb**					*13 250 ***27,950**	13 250 **27,950**	*9400	9250					*9250 ***20,200**	9100 ***20,200**	6060 **240**

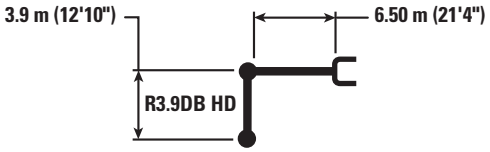
* **ISO 10567**

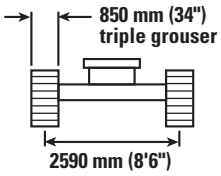
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

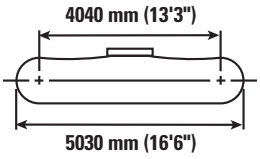
Lift capacity stays with ±5% for all available track shoes.

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

Extreme Service Reach Boom Lift Capacities – Counterweight: 7.0 mt (7.7 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													*6150 *13,700	*6150 *13,700	7350 290
7500 mm 300 in	kg lb									*7600 *16,750	*7600 *16,750			*5750 *12,650	*5750 *12,650	8540 340
6000 mm 240 in	kg lb									*7900 *17,250	*7900 *17,250	*7450 *14,350	6150 13,150	*5550 *12,250	*5550 *12,250	9340 370
4500 mm 180 in	kg lb							*9650 *20,900	*9650 *20,900	*8650 *18,750	8100 17,400	*8050 *17,600	6050 12,950	*5600 *12,300	5150 11,400	9840 390
3000 mm 120 in	kg lb					*15 150 *32,500	*15 150 *32,500	*11 450 *24,750	10 750 23,200	*9600 *20,800	7750 16,650	*8550 *18,600	5850 12,600	*5750 *12,650	4850 10,700	10 100 400
1500 mm 60 in	kg lb					*18 250 *39,300	15 250 32,850	*13 150 *28,400	10 150 21,850	*10 550 *22,900	7400 15,900	8850 19,050	5650 12,200	*6100 *13,400	4750 10,400	10 130 400
0 mm 0 in	kg lb			*8200 *18,650	*8200 *18,650	*19 850 *42,900	14 550 31,350	*14 300 *30,950	9700 20,900	*11 300 24,450	7150 15,350	8700 18,700	5500 11,850	*6650 *14,650	4800 10,550	9930 390
–1500 mm –60 in	kg lb	*8600 *19,150	*8600 *19,150	*12 850 *29,050	*12 850 *29,050	*20 050 *43,500	14 300 30,800	*14 750 *31,950	9450 20,350	11 200 24,050	6950 15,000	8600 18,550	5450 11,700	*7550 *16,700	5050 11,150	9490 380
–3000 mm –120 in	kg lb	*13 600 *30,450	*13 600 *30,450	*18 750 *42,450	*18 750 *42,450	*19 200 *41,550	14 350 30,800	*14 400 *31,150	9400 20,250	11 150 24,000	6950 14,950			8950 19,850	5650 12,500	8770 350
–4500 mm –180 in	kg lb	*19 550 *43,950	*19 550 *43,950	*23 700 *51,150	*23 700 *51,150	*17 100 *36,850	14 550 31,300	*12 950 *27,800	9550 20,550	*9700 *20,450	7100 15,300			*9300 *20,450	6850 15,300	7690 300
–6000 mm –240 in	kg lb					*13 000 *27,400	*13 000 *27,400	*9200	*9200					*9050 *19,800	*9050 *19,800	6060 240

* ISO 10567

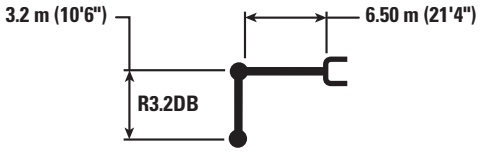
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

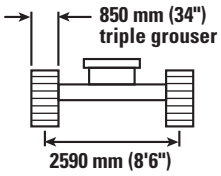
Lift capacity stays with ±5% for all available track shoes.

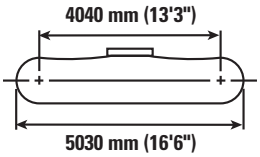
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336F L Hydraulic Excavator Specifications

Heavy Duty Reach Boom Lift Capacities – Counterweight: 6.0 mt (6.6 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**							*8800	7750			*7400 ***16,400**	7400 ***16,400**	7700 **300**
6000 mm **240 in**	kg **lb**							*8900 ***19,500**	7700 **16,500**			*7200 ***15,850**	6150 **13,600**	8580 **340**
4500 mm **180 in**	kg **lb**			*13 500	*13 500	*10 900 ***23,550**	10 450 **22,550**	*9550 ***20,800**	7450 **16,050**	*8500	5600	*7250 ***15,950**	5450 **12,050**	9130 **360**
3000 mm **120 in**	kg **lb**			*17 100 ***36,750**	14 900 **32,200**	*12 600 ***27,250**	9900 **21,300**	*10 450 ***22,650**	7150 **15,450**	8500 **18,300**	5450 **11,700**	*7550 ***16,550**	5100 **11,200**	9410 **370**
1500 mm **60 in**	kg **lb**			*19 700 ***42,500**	13 950 **30,100**	*14 100 ***30,500**	9350 **20,200**	10 950 **23,550**	6900 **14,850**	8350 **18,000**	5300 **11,400**	7800 **17,150**	4950 **10,900**	9440 **380**
0 mm **0 in**	kg **lb**			*20 550 ***44,500**	13 550 **29,150**	14 950 **32,150**	9050 **19,500**	10 700 **23,050**	6700 **14,400**	8250 **17,750**	5200 **11,200**	7950 **17,550**	5050 **11,100**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*14 100 ***31,900**	*14 100 ***31,900**	*20 150 ***43,700**	13 500 **28,950**	14 800 **31,800**	8900 **19,200**	10 600 **22,850**	6600 **14,200**			8550 **18,900**	5400 **11,900**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*22 200 ***50,300**	*22 200 ***50,300**	*18 700 ***40,500**	13 600 **29,250**	*14 250 ***30,800**	8950 **19,250**	10 650 **22,950**	6650 **14,300**			9850 **21,750**	6150 **13,650**	7960 **320**
–4500 mm **–180 in**	kg **lb**	*21 050 ***45,300**	*21 050 ***45,300**	*15 850 ***34,100**	13 900 **29,950**	*12 050 ***25,600**	9150 **19,750**					*10 150 ***22,350**	7850 **17,550**	6750 **270**

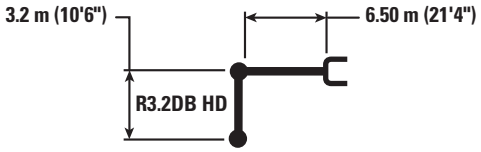
* **ISO 10567**

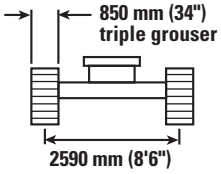
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

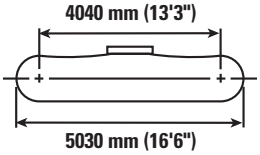
Lift capacity stays with ±5% for all available track shoes.

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

Extreme Service Reach Boom Lift Capacities – Counterweight: 7.0 mt (7.7 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**							*8700	8300			*7350 ***16,250**	*7350 ***16,250**	7700 **300**
6000 mm **240 in**	kg **lb**							*8800 ***19,250**	8250 **17,700**			*7150 ***15,750**	6600 **14,600**	8580 **340**
4500 mm **180 in**	kg **lb**			*13 400	*13 400	*10 800 ***23,350**	*10 800 ***23,350**	*9450 ***20,550**	8000 **17,200**	*8450	6000	*7200 ***15,850**	5850 **12,950**	9130 **360**
3000 mm **120 in**	kg **lb**			*16 950 ***36,450**	16 000 **34,550**	*12 450 ***26,950**	10 600 **22,850**	*10 300 ***22,400**	7700 **16,550**	9050 **19,450**	5850 **12,600**	*7500 ***16,450**	5450 **12,050**	9410 **370**
1500 mm **60 in**	kg **lb**			*19 500 ***42,100**	15 000 **32,400**	*13 950 ***30,150**	10 050 **21,700**	*11 150 ***24,150**	7400 **15,950**	8900 **19,150**	5700 **12,300**	*8000 ***17,600**	5350 **11,750**	9440 **380**
0 mm **0 in**	kg **lb**			*20 350 ***44,050**	14 600 **31,400**	*14 800 ***32,050**	9750 **20,950**	11 400 **24,550**	7200 **15,500**	8800 **18,900**	5600 **12,050**	8500 **18,700**	5450 **11,950**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*14 050 ***31,800**	*14 050 ***31,800**	*19 950 ***43,200**	14 500 **31,200**	*14 900 ***32,250**	9600 **20,650**	11 300 **24,300**	7100 **15,250**			9100 **20,100**	5800 **12,800**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*22 150 ***50,150**	*22 150 ***50,150**	*18 500 ***40,050**	14 600 **31,450**	*14 100 ***30,400**	9600 **20,700**	*10 900 ***23,400**	7150 **15,400**			*9950 ***21,950**	6600 **14,650**	7960 **320**
–4500 mm **–180 in**	kg **lb**	*20 750 ***44,700**	*20 750 ***44,700**	*15 650 ***33,650**	14 950 **32,150**	*11 850 ***25,250**	9850 **21,250**					*10 000 ***22,000**	8450 **18,850**	6750 **270**

* **ISO 10567**

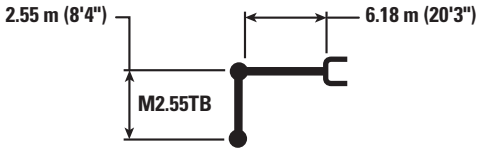
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

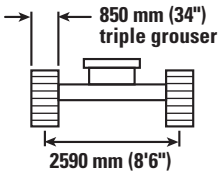
Lift capacity stays with ±5% for all available track shoes.

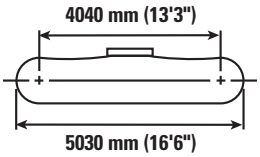
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336F L Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 7.0 mt (7.7 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**					*10 200 ***22,500**	*10 200 ***22,500**			*9100 ***20,150**	*9100 ***20,150**	6580 **260**
6000 mm **240 in**	kg **lb**					*10 550 ***22,950**	*10 550 ***22,950**	*9900	7950	*8650 ***19,100**	7750 **17,300**	7600 **300**
4500 mm **180 in**	kg **lb**			*14 700 ***31,600**	*14 700 ***31,600**	*11 700 ***25,400**	10 900 **23,500**	*10 300 ***22,400**	7750 **16,700**	*8650 ***19,050**	6700 **14,850**	8210 **330**
3000 mm **120 in**	kg **lb**			*18 000 ***38,700**	15 600 **33,650**	*13 200 ***28,550**	10 350 **22,300**	*10 950 ***23,750**	7500 **16,150**	*9000 ***19,750**	6200 **13,700**	8520 **340**
1500 mm **60 in**	kg **lb**			*20 000 ***43,200**	14 750 **31,800**	*14 400 ***31,150**	9900 **21,300**	11 500 **24,750**	7250 **15,650**	9500 **20,900**	6050 **13,300**	8550 **340**
0 mm **0 in**	kg **lb**			*20 200 ***43,850**	14 500 **31,150**	*14 900 ***32,300**	9600 **20,700**	11 350 **24,400**	7100 **15,300**	9800 **21,550**	6200 **13,650**	8310 **330**
–1500 mm **–60 in**	kg **lb**	*17 900 ***40,600**	*17 900 ***40,600**	*19 200 ***41,700**	14 500 **31,150**	*14 550 ***31,500**	9550 **20,550**	*11 250 ***24,200**	7100 **15,300**	*10 650 ***23,500**	6800 **14,950**	7780 **310**
–3000 mm **–120 in**	kg **lb**	*22 000 ***47,800**	*22 000 ***47,800**	*16 950 ***36,700**	14 700 **31,650**	*12 950 ***27,750**	9700 **20,900**			*10 650 ***23,500**	8100 **18,000**	6880 **270**
–4500 mm **–180 in**	kg **lb**			*12 500 ***26,400**	*12 500 ***26,400**					*9900 ***21,600**	*9900 ***21,600**	5430 **210**

* 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.

Work Tool Offering Guide*

Boom Type	Heavy Duty Reach Boom		Extreme Service Reach Boom		Mass Boom
Stick Size	**R3.9 (HD) (12'10")**	**R3.2 (HD) (10'6")**	**R3.9 (ES) (12'10")**	**R3.2 (ES) (10'6")**	**M2.55 (8'4")**
Hydraulic Hammer	H140E s H160E s	H140E s H160E s	H140E s H160E s	H140E s H160E s	H140E s H160E s
Multi-Processor	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw MP30 CR Jaw MP30 PS Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw MP30 CR Jaw MP30 PS Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw	 MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw
Pulverizer	P225 P235	P225 P235	P225	P225 P235	 P235
Demolition and Sorting Grapple	G325B G330	G325B G330	G325B G330	G325B G330	 G330
Mobile Scrap and Demolition Shear	S325B S365C	S325B S340 S365C	S325B S365C	S325B S365C	 S340 S365C
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110	CVP110	CVP110
Orange Peel Grapple	These work tools are available for the 336F L. Consult your Cat dealer for proper match.				
Rippers					
Pin Grabber Coupler					

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

336F L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	Reach Boom		Reach Boom		Heavy Duty Reach Boom		Mass Boom
		mm	in	m^3	yd^3	kg	lb	%	R3.2DB (10'6")	R3.9DB (12'10")	R3.2DB (10'6")	R3.9DB (12'10")	R3.2DB HD (10'6")	R3.9DB HD (12'10")	M2.55TB (8'4")
Counterweight									6.0 mt (6.6 t)		7.0 mt (7.7 t)				
Without Quick Coupler															
General Duty (GDC)	DB	750	30	0.94	1.23	952	2,099	100%	●	●	●	●	●	●	
	DB	900	36	1.19	1.56	1040	2,292	100%	●	●	●	●	●	●	
	DB	1050	42	1.46	1.91	1147	2,528	100%	●	●	●	●	●	●	
	DB	1200	48	1.73	2.26	1232	2,716	100%	●	●	●	●	●	●	
	DB	1350	54	2.00	2.62	1342	2,957	100%	◉	⊖	●	◉	●	⊖	
	DB	1500	60	2.27	2.98	1451	3,197	100%	⊖	○	◉	⊖	◉	⊖	
	DB	1650	66	2.55	3.33	1536	3,386	100%	○	◇	⊖	○	⊖	○	
Heavy Duty (HD)	DB	750	30	0.73	0.95	1031	2,273	100%	●	●	●	●	●	●	
	DB	900	36	0.95	1.24	1178	2,595	100%	●	●	●	●	●	●	
	DB	1050	42	1.17	1.54	1267	2,793	100%	●	●	●	●	●	●	
	DB	1200	48	1.40	1.84	1398	3,080	100%	●	●	●	●	●	●	
	DB	1350	54	1.64	2.14	1459	3,215	100%	●	◉	●	●	●	●	
	DB	1500	60	1.88	2.46	1566	3,452	100%	◉	⊖	●	◉	●	⊖	
	DB	1650	66	2.12	2.77	1697	3,740	100%	⊖	○	◉	⊖	◉	⊖	
	DB	1800	72	2.36	3.08	1851	4,080	100%	○	◇	⊖	○	⊖	○	
	TB	1800	72	2.69	3.52	2423	5,340	100%							⊖
Severe Duty (SD)	DB	750	30	0.73	0.95	1096	2,415	90%	●	●	●	●	●	●	
	DB	900	36	0.95	1.24	1252	2,760	90%	●	●	●	●	●	●	
	DB	1050	42	1.17	1.54	1353	2,981	90%	●	●	●	●	●	●	
	DB	1200	48	1.40	1.84	1493	3,292	90%	●	●	●	●	●	●	
	DB	1350	54	1.64	2.14	1599	3,524	90%	●	◉	●	●	●	●	
Extreme Duty Power (XDP)	DB	1200	48	1.41	1.85	1656	3,650	90%	●	●	●	●	●	●	
Maximum load pin on (payload + bucket)								kg	5055	4415	5803	5063	5454	4737	6396
								lb	11,141	9,731	12,790	11,159	12,021	10,440	14,097

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/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	Reach Boom		Reach Boom		Heavy Duty Reach Boom		Mass Boom
		mm	in	m^3	yd^3	kg	lb	%	R3.2DB (10'6")	R3.9DB (12'10")	R3.2DB (10'6")	R3.9DB (12'10")	R3.2DB HD (10'6")	R3.9DB HD (12'10")	M2.55TB (8'4")
Counterweight									6.0 mt (6.6 t)		7.0 mt (7.7 t)				
With Pin Grabber Coupler															
General Duty (GDC)	DB	750	30	0.94	1.23	952	2,099	100%	●	●	●	●	●	●	
	DB	900	36	1.19	1.56	1040	2,292	100%	●	●	●	●	●	●	
	DB	1050	42	1.46	1.91	1147	2,528	100%	●	◉	●	●	●	●	
	DB	1200	48	1.73	2.26	1232	2,716	100%	◉	⊖	●	◉	●	⊖	
	DB	1350	54	2.00	2.62	1342	2,957	100%	⊖	○	◉	⊖	◉	○	
	DB	1500	60	2.27	2.98	1451	3,197	100%	○	◇	⊖	○	⊖	○	
	DB	1650	66	2.55	3.33	1536	3,386	100%	○	◇	⊖	○	○	◇	
Heavy Duty (HD)	DB	750	30	0.73	0.95	1031	2,273	100%	●	●	●	●	●	◇	
	DB	900	36	0.95	1.24	1178	2,595	100%	●	●	●	●	●	●	
	DB	1050	42	1.17	1.54	1267	2,793	100%	●	●	●	●	●	●	
	DB	1200	48	1.40	1.84	1398	3,080	100%	●	◉	●	●	●	◉	
	DB	1350	54	1.64	2.14	1459	3,215	100%	◉	⊖	●	◉	●	⊖	
	DB	1500	60	1.88	2.46	1566	3,452	100%	⊖	○	◉	⊖	◉	○	
	DB	1650	66	2.12	2.77	1697	3,740	100%	○	◇	⊖	○	⊖	○	
	DB	1800	72	2.36	3.08	1851	4,080	100%	◇	X	⊖	◇	○	◇	
	TB	1800	72	2.69	3.52	2423	5,340	100%							○
Severe Duty (SD)	DB	750	30	0.73	0.95	1096	2,415	90%	●	●	●	●	●	●	
	DB	900	36	0.95	1.24	1252	2,760	90%	●	●	●	●	●	●	
	DB	1050	42	1.17	1.54	1353	2,981	90%	●	●	●	●	●	●	
	DB	1200	48	1.40	1.84	1493	3,292	90%	●	◉	●	●	●	●	
	DB	1350	54	1.64	2.14	1599	3,524	90%	◉	⊖	●	◉	●	◉	
Extreme Duty Power (XDP)	DB	1200	48	1.41	1.85	1656	3,650	90%	●	◉	●	●	●	◉	
Maximum load pin on (payload + bucket)								kg	4497	3857	5245	4505	4896	4179	5838
								lb	9,911	8,501	11,560	9,929	10,791	9,210	12,867

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/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- **X** Not Recommended

336F L Standard Equipment

Standard Equipment

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

CAB

- Wiper and washer
- Mirrors
- Pressurized operator station with positive filtration
- Sliding upper door window (left-hand cab door)
- Openable skylight
- Interior:
  - Glass-breaking safety hammer
  - Coat hook
  - Beverage holder
  - Literature holder
  - Interior lighting
  - AM/FM radio
  - 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:
  - 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
  - Adjustable high-back, heated seat with air suspension
- 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

CAB

- Windshield:
  - 70-30 split, sliding, removable lower windshield with in cab storage bracket
- Straight travel pedal

ELECTRICAL

- 80 amp alternator
- Circuit breaker
- Battery, standard
- Travel alarm

ENGINE

- Cat C9.3 ACERT diesel engine
- Tier 4 Final emission package
- 2300 m (7,500 ft) altitude capability with no derate
- Biodiesel capable
- Automatic engine speed control
- Electric priming pump
- Water separator in fuel line including water level sensor and indicator
- Economy and standard power modes
- Air cleaner
- Radial seal air filter
- Side-by-side cooling system
- Primary filter with water separator and water separator indicator switch
- Starting kit, cold weather, –18° C (–0.4° F)
- Fuel differential indicator switch in fuel line
- 2×4 micron main filters and 1×10 micron primary filter in fuel line
- Water level indicator for water separator

HYDRAULIC SYSTEM

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

LIGHTS

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

UNDERCARRIAGE/UPPERFRAME

- Grease Lubricated Track GLT2, resin seal
- Heavy duty track roller and idler
- Towing eye on base frame
- Swivel guard
- HD bottom guard
- HD travel motor guard

SAFETY AND SECURITY

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

INTEGRATED TECHNOLOGIES

- Product Link
- Rear vision camera

Optional Equipment

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

FRONT LINKAGE

- Heavy Duty Reach Boom 6.5 m (21'4")
  - HD R3.9 DB (12'10")
  - HD R3.2 DB (10'6")
  - ES R3.2 DB (10'6")
  - ES R3.9 DB (12'10")
  - DB-family bucket linkage (with lifting eye)
- Mass boom 6.18 m (20'3")
  - M2.55 TB (8'4")
  - TB-family bucket linkage (with lifting eye)
- Pin Grabber couplers

TRACK

- 850 mm (34") Triple Grouser
- 800 mm (31") Triple Grouser

COUNTERWEIGHT

- 6.0 mt (6.6 t) counterweight
- 7.0 mt (7.7 t) counterweight

GUARDS

- Rubber bumpers
- Mesh guard
- Vandalism guard
- FOGS (Falling Object Guard System) including overhead and windshield guards
- Track guiding guards:
  - Segmented
  - Center section

CAB

- Sun screen

HYDRAULIC SYSTEM

- HP hydraulic lines for boom and stick
- MP hydraulic lines for boom and stick
- QC hydraulic lines for boom and stick
- QC control
- Control pattern quick changer

ELECTRICAL

- Cold weather starting package
- Electric refueling pump

INTEGRATED TECHNOLOGIES

- Side view camera

ENGINE

- Quick drains, engine and hydraulic oil (QuickEvac™)

SECURITY

- Cat MSS (anti-theft device)

Notes

Notes

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

AEHQ7888-01
Replaces AEHQ7888
(AmN)

© 2017 Caterpillar
All rights reserved

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

CAT, CATERPILLAR, SAFETY.CAT.COM, their respective logos, “Caterpillar Yellow” and the “Power Edge” trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

VisionLink is a trademark of Trimble Navigation Limited, registered in the United States and in other countries.