336F Straight Boom

Hydraulic Excavator

Engine			
Engine Model	Cat® C9.3 ACERT™		
Power – ISO 14396	234 kW	313 hp	318 PS
Power – ISO 9249	228 kW	306 hp	310 PS

Drive	
Maximum Travel Speed	4.8 km/h
Maximum Drawbar Pull	291 kN
Weights	
Maximum Weight	40 800 kg

The 336F Straight Boom is purposely designed to take on all your sorting, low-level demolition and above ground-level tasks.

Compared to the 336F Reach Boom, the 336F Straight Boom achieves superior performance above ground level, by offering a significant height increase in the working range with excellent lift capacity above ground level.

Where the real power comes in is through the integrated engine, hydraulic, and work tool systems. You can handle tons of material – literally – every hour, on the hour, all day long with a great deal of speed, precision, and efficiency. When you add in a quiet operator environment that keeps you comfortable and productive, ground-level service points that make your routine maintenance easy, and multiple Cat work tools that help you take on a variety of jobs, you simply won't find a better 36-ton machine.

Contents


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Reliable and Productive

Power to move your material with speed and precision

More Lift

The heavy lift mode increases machine system pressure to improve lift – a nice benefit in certain situations.

More Productivity

Electric boom and stick regeneration keeps oil flow at the head and rod ends of the cylinders instead of going back to the tank, which results in less pressure loss for higher controllability, more productivity, and lower operating costs.

Less Vibrations

The SmartBoom™ reduces stress and vibrations transmitted to the machine and cab, especially during hammer work. Blank shots or excessive force on the hammer are avoided, resulting in longer life for the hammer and machine.

Better Controllability

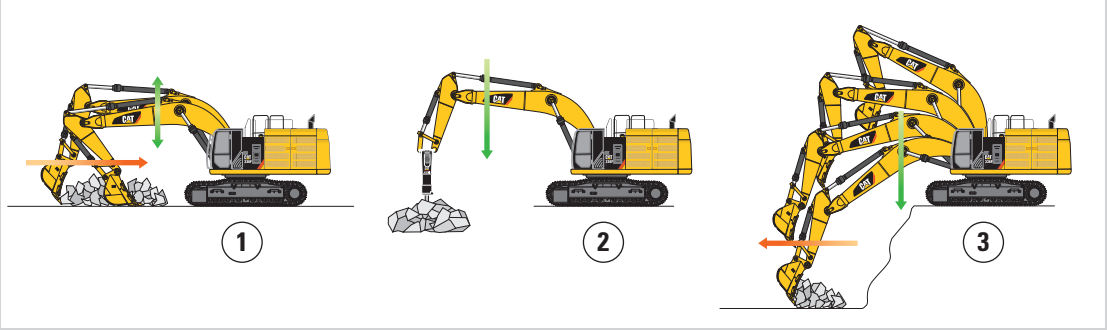
The main control valve opens slowly when the range of joystick lever movement is small and opens rapidly when movement is high, putting flow where you need it when you need it for smoother operation and greater efficiency.

Added Versatility

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

SmartBoom

Reduces Stress and Vibrations Transmitted to the Machine



Rock Scraping (1)

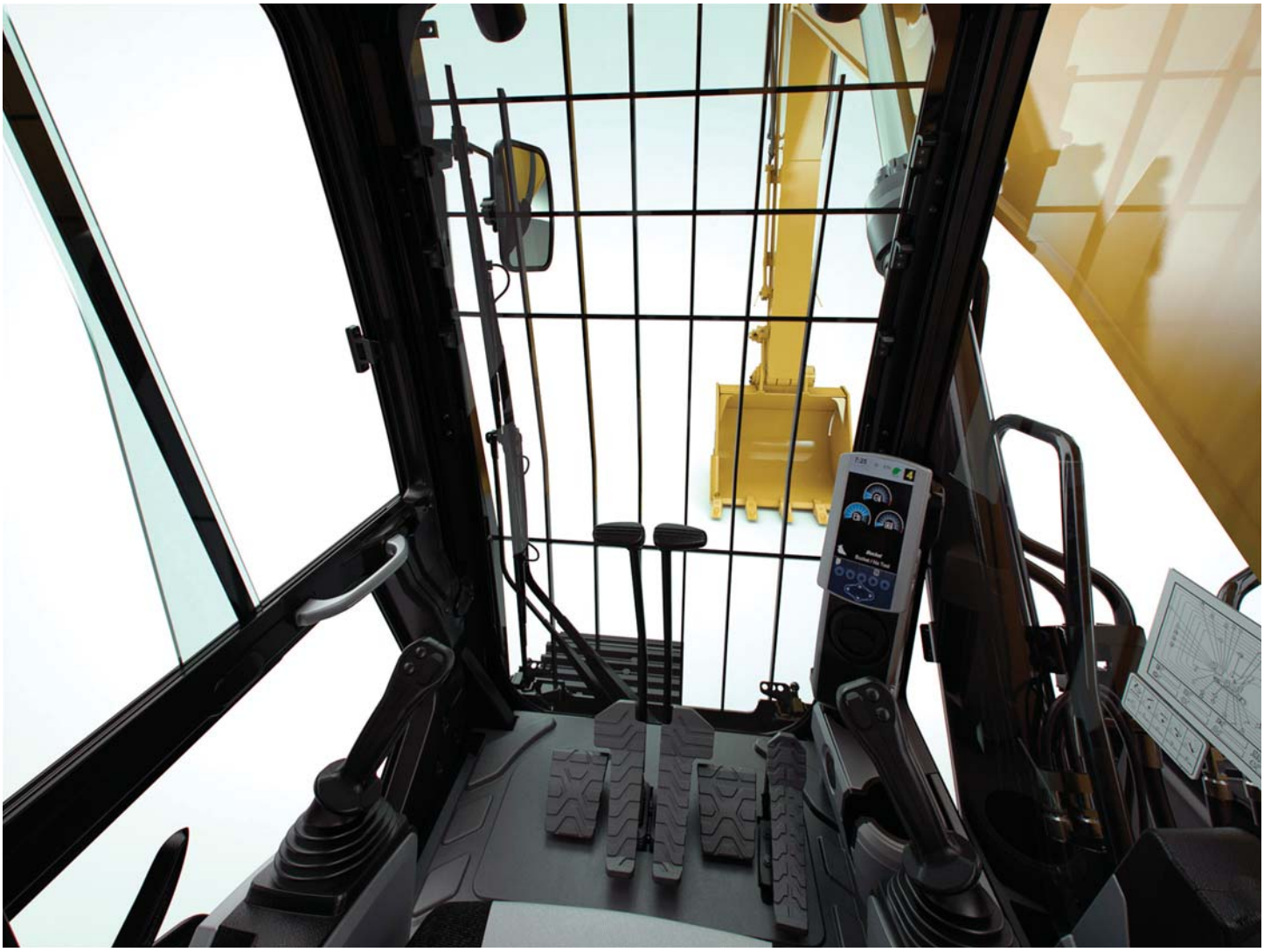
Scraping rock and finishing work is easy and fast. SmartBoom simplifies the task and allows the operator to fully concentrate on the stick and bucket while the boom freely goes up and down without using pump flow.

Hammer Work (2)

It has never been this productive and operator-friendly. The front parts automatically follow the hammer while penetrating the rock. Blank shots or excessive force on the hammer are avoided, resulting in longer life for the hammer and machine. Similar advantages are applicable when using vibratory plates.

Truck Loading (3)

Loading trucks from a bench is more productive and fuel efficient as the return cycle is reduced while the boom down function does not require pump flow.



Easy to Operate

Comfort and convenience to keep you productive all day long

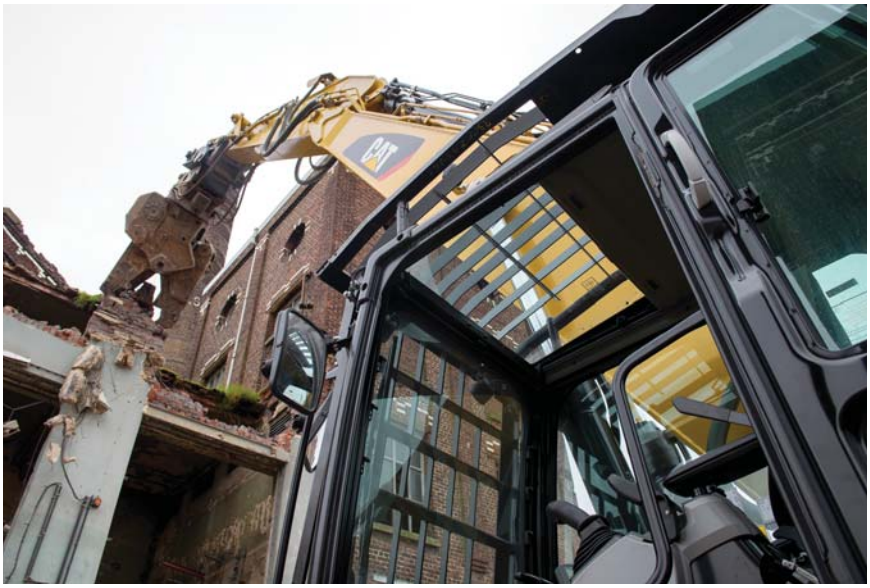
Best Comfort

Operators will enjoy the quietness and comfort of the all new demolition cab (ROPS-certified), equipped with various storage areas, auxiliary power outlets, climate control and heated and/or cooled seat.

Joysticks, armrests, and seats adjust to your operators preferences.

Safe Cab

The new demolition cab comes standard with P5A reinforced windshield and top glass, including top window wiper and washer, as well as front and top Falling Object Guards.



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 42 languages to meet today's diverse workforce. The monitor clearly displays critical information you need to operate efficiently and effectively. Plus it projects the image from the standard rearview camera to help you see what's going on around you so you can stay safely focused on the job at hand.

Durable Structures

Designed to work in your tough, heavy-duty applications

Break, Demolish, Sort or Dig

- The straight boom and sticks offer you excellent all-around versatility for any above ground level demolition tasks and even general excavation work.

Robust Components

- To enhance component durability, the upper and lower frames are reinforced to support the demolition ROPS cab and the heavy 8.45 mt counterweight.
- Track shoes, links, rollers, idlers, and final drives are built with high-tensile strength steel.
- Grease-lubricated track link prevents dirt and debris from entering.
- Radiators are protected by compartment doors, specially designed to prevent debris from clogging radiators.

Fuel Efficient

Engineered to lower your operating costs

- The C9.3 ACERT engine meets EU Stage IV emission standards. The emissions package works behind the scenes without interrupting your job.
- Engine speed control automatically lowers rpm when the machine doesn't need it to help you save fuel.
- Three power modes – high, standard and eco – and automatic engine idle shutdown help you more actively manage fuel consumption.

Proven Technology

Every Stage IV ACERT engine is equipped with a combination of proven electronic, fuel, air, and aftertreatment components. Applying these time-tested technologies lets us meet your high expectations for productivity, fuel efficiency, reliability, and service life.

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

- **Improved Fluid Efficiency** of up to 5% over Stage IIIB products, including Diesel Exhaust Fluid (DEF) consumption.
- **Enhanced Reliability** through commonality and simplicity of design.
- **Maximized Uptime and Reduced Cost** with world-class Cat dealer support.
- **Minimized Impact on Emission Systems** – with no operator interaction required.
- **Durability** with long service life.
- **Better Fuel Economy** with minimized maintenance costs.
- **Same Great Power and Response.**

Safe Work Environment

Features to help protect you day in and day out

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.

Safe Cab Ingress and Egress

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

Smart Lighting

Halogen lights provide plenty of illumination, and the cab and boom lights can be programmed to stay on for up to 90 seconds after the engine has been turned off to help you safely exit the machine.

Great Views

Ample glass coupled with the standard parallel wiper system, gives you excellent visibility out front and to the side, and the standard rearview camera gives you a clear field of view behind the machine through the cab monitor.

Versatile

Do more jobs with one machine

Change Jobs Quickly

Cat quick couplers bring the ability to quickly change attachments and switch from job to job. The Cat Universal or the Cat Pin Grabber couplers are the secure way to decrease downtime and increase job site flexibility and overall productivity.

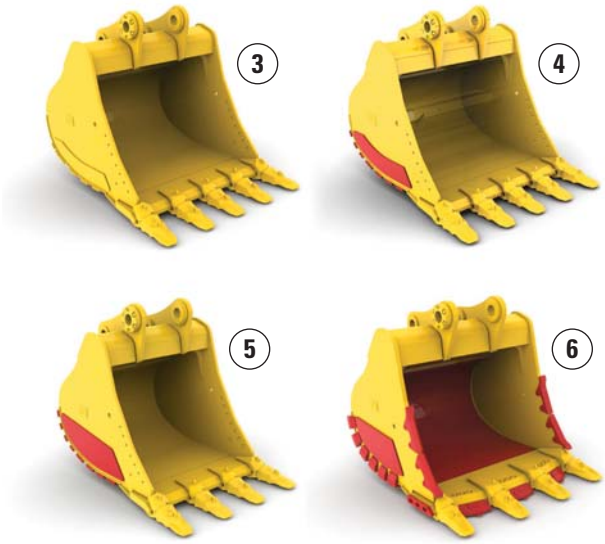
Cat tool control remembers pressures and flows for up to 10 tools so you can quickly get to work after each tool change.

Break, Demolish and Scrap

A hydraulic hammer ably equips your machine for breaking various materials. It will 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.



1) Universal Quick Coupler 2) Pin Grabber Coupler
3) Cat General Duty (GD) 4) Heavy Duty (HD)
5) Severe Duty (SD) 6) Extreme Duty (XD)

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

The fuel tank's drain cock makes it easy and simple for you to remove water and sediment during routine maintenance. Plus an integrated fuel level indicator pops up to help you reduce the possibility of fuel tank overfilling.

A Cool Design

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

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.

Sustainability

Generations ahead in every way

- The C9.3 ACERT engine meets Stage IV emission standards.
- The 336F consumes 5% less fluid than 336E, which means more efficiency and less CO_2 emissions.
- The engine has the flexibility of running on either ultra-low-sulfur diesel (ULSD) fuel with 10 ppm of sulfur or less or biodiesel (up to B20) fuel blended with ULSD.
- An overfill fuel 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 engine and hydraulic oil.
- The machine is built to be rebuilt with major structures and components remanufactured to reduce waste and replacement costs.
- The 336F L is an efficient, productive machine that's designed to conserve our natural resources for generations ahead.

Integrated Technologies

Monitor, manage, and enhance your job site operations

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

Cat Connect technologies offer improvements in these key areas:

EQUIPMENT MANAGEMENT

Equipment Management – increase uptime and reduce operating costs.

PRODUCTIVITY

Productivity – monitor production and manage job site efficiency.

SAFETY

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

LINK Technologies

LINK technologies like Product Link™ are deeply integrated into your machine and wirelessly communicate 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.

336F Straight Boom Hydraulic Excavator Specifications

Engine

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

Weights

Maximum Weight	40 800 kg

Hydraulic System

Main System – Maximum Flow (total)	570 L/min
Swing System – Maximum Flow	279 L/min
Maximum Pressure – Equipment	35 000 kPa
Maximum Pressure – Equipment (heavy lift mode)	38 000 kPa
Maximum Pressure – Travel	35 000 kPa
Maximum Pressure – Swing	28 000 kPa
Auxiliary Circuit – High Pressure	37 000 kPa
Auxiliary Circuit – Medium Pressure	23 000 kPa
Pilot System – Maximum Flow	29 L/min
Pilot System – Maximum Pressure	4100 kPa
Boom Cylinder – Bore	150 mm
Boom Cylinder – Stroke	1440 mm
Stick Cylinder – Bore	170 mm
Stick Cylinder – Stroke	1738 mm
DB Bucket Cylinder – Bore	150 mm
DB Bucket Cylinder – Stroke	1151 mm

Drive

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

Swing Mechanism

Swing Speed	8.8 rpm
Swing Torque	109 kN·m

Service Refill Capacities

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

Track

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

Sound Performance

Exterior Sound Power Level – ISO 6395:2008*	106 dB(A)
Operator Sound Pressure Level – ISO 6396:2008	73 dB(A)

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

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

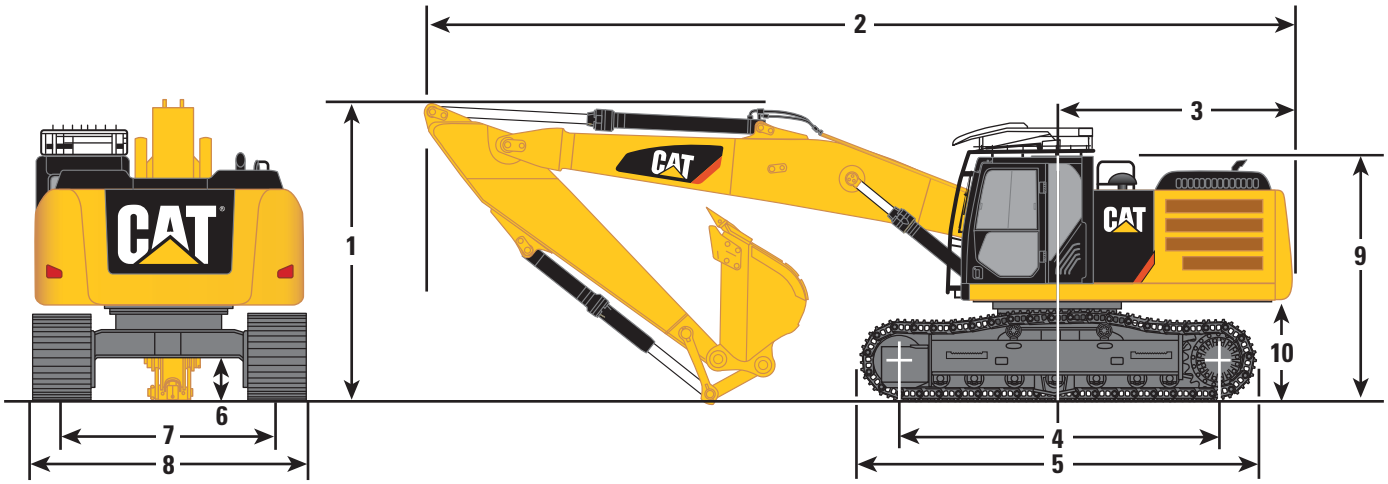
Standards

Brakes	ISO 10265:2008
Cab/FOGS	SAE J1356 FEB88 ISO 10262:2008
Cab/ROPS	ISO 12117-2:2008

336F Straight Boom Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



Boom	Straight Boom 6.9 m	
Stick Options	**R3.9DB**	**R3.2DB**
1 Shipping Height*	3740 mm	3480 mm
2 Shipping Length	11 370 mm	11 480 mm
3 Tail Swing Radius	3500 mm	3500 mm
4 Length to Center of Rollers	4040 mm	4040 mm
5 Track Length	5040 mm	5040 mm
6 Ground Clearance*	520 mm	520 mm
Ground Clearance**	480 mm	480 mm
7 Track Gauge		
Long Undercarriage	2590 mm	2590 mm
Long Narrow Undercarriage	2390 mm	2390 mm
8 Transport Width		
Long Undercarriage, 600 mm HD Tracks	3190 mm	3190 mm
Long Narrow Undercarriage, 600 mm HD Tracks	2990 mm	2990 mm
9 Cab Height with Top Guard	3480 mm	3480 mm
10 Counterweight Clearance**	1220 mm	1220 mm
Bucket Type	DB1536GP-C	DB1536GP-C
Bucket Capacity	2.28 m^3	2.28 m^3
Bucket Tip Radius	1753 mm	1753 mm

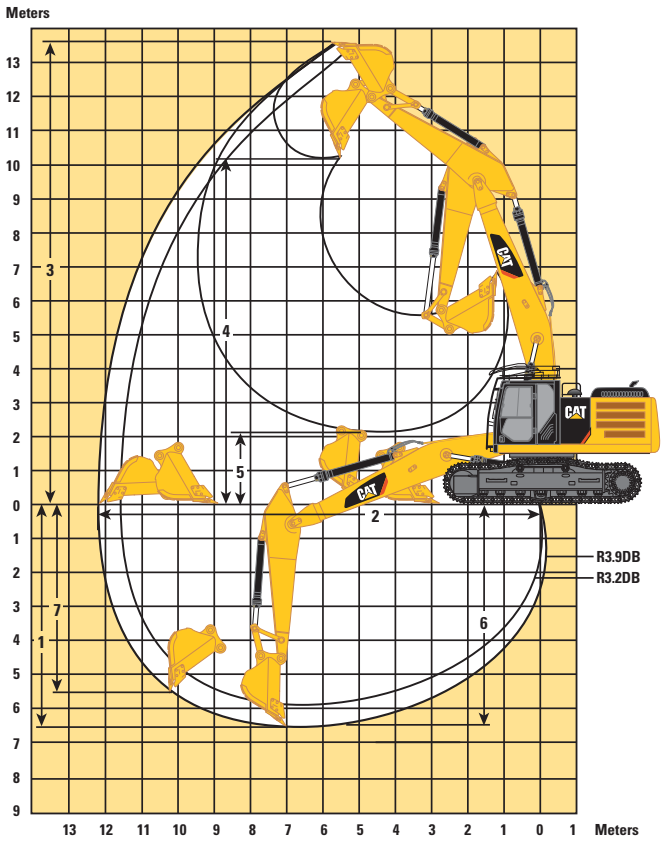
*Including shoe lug height.

**Without shoe lug height.

Dimensions may vary depending on bucket selection.

Working Ranges

All dimensions are approximate.



Boom	Straight Boom 6.9 m	
Stick Options	**R3.9DB**	**R3.2DB**
1 Maximum Digging Depth	6640 mm	5940 mm
2 Maximum Reach at Ground Level	12 340 mm	11 630 mm
3 Maximum Cutting Height	13 760 mm	13 120 mm
4 Maximum Loading Height	10 260 mm	9610 mm
5 Minimum Loading Height	3370 mm	3990 mm
6 Maximum Depth Cut for 2440 mm Level Bottom	6510 mm	5790 mm
7 Maximum Vertical Wall Digging Depth	5610 mm	4970 mm
Bucket Type	DB1536GP-C	DB1536GP-C
Bucket Capacity	2.28 m^3	2.28 m^3
Bucket Tip Radius	1753 mm	1753 mm
Cat General Duty		
Bucket Digging Force (ISO)	209.7 kN	209.7 kN
Stick Digging Force (ISO)	144.3 kN	165.9 kN

Dimensions may vary depending on bucket selection.

336F Straight Boom Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

	336F Straight Boom	
	600 mm Triple Grouser Shoes	
Straight Boom – 6.9 m	**kg**	**kPa**
Long Undercarriage		
HD R3.9DB	40 800	76.0
HD R3.2DB	40 700	75.8
Long Narrow Undercarriage		
HD R3.9DB	40 700	75.8
HD R3.2DB	40 500	75.4

Major Component Weights

	336F Straight Boom
	kg
Lower Structure (without track)	
Long Undercarriage	9700
Long Narrow Undercarriage	9600
Upper Structure (without front linkage)	
with 8.45 mt Counterweight	10 000
Counterweight	8450
Boom (includes lines, pins and stick cylinder)	
Straight Boom – 6.9 m	4400
Stick (includes lines, pins and bucket cylinder)	
HD R3.9DB	1700
HD R3.2DB	1600
Track Shoes	
600 mm Triple Grouser	4100
Bucket	
DB1536GP-C 2.28 m^3	1500

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

336F L SB Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	Straight Boom	
		mm	m^3	kg	%	3.2 m	3.9 m
Without Coupler							
Heavy Duty (HD)	DB	1350	1.64	1481	100	●	●
Severe Duty (SD)	DB	1650	2.15	1827	90	●	◉
				Maximum load pin-on (payload + bucket)	kg	6195	5535
With Pin Grabber Quick Coupler							
Heavy Duty (HD)	DB	1350	1.64	1481	100	●	●
Severe Duty (SD)	DB	1650	2.15	1827	90	◉	⊖
				Maximum load pin-on (payload + bucket)	kg	5635	4975
With Quick Coupler (CW45/CW45s)							
Heavy Duty (HD)	DB	1350	1.64	1417	100	●	●
	DB	1500	1.88	1514	100	●	◉
Severe Duty (SD)	DB	1650	2.15	1897	90	◉	⊖
				Maximum load with coupler (payload + bucket)	kg	5715	5055

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.

Maximum Material Density:

● 2100 kg/m^3

◉ 1800 kg/m^3

⊖ 1500 kg/m^3

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.

336F Straight Boom Hydraulic Excavator Specifications

336F LN SB Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	Straight Boom	
		mm	m^3	kg	%	3.2 m	3.9 m
Without Coupler							
Heavy Duty (HD)	DB	1350	1.64	1481	100%	●	●
Severe Duty (SD)	DB	1650	2.15	1827	90%	●	⊖
				Maximum load pin-on (payload + bucket)	kg	5730	5110
With Pin Grabber Quick Coupler							
Heavy Duty (HD)	DB	1350	1.64	1481	100%	●	◉
Severe Duty (SD)	DB	1650	2.15	1827	90%	◉	○
				Maximum load pin-on (payload + bucket)	kg	5170	4550
With Quick Coupler (CW45/CW45s)							
Heavy Duty (HD)	DB	1350	1.64	1417	100%	●	◉
	DB	1500	1.88	1514	100%	◉	⊖
Severe Duty (SD)	DB	1650	2.15	1897	90%	◉	○
				Maximum load with coupler (payload + bucket)	kg	5250	4630

Maximum Material Density:

- ● 2100 kg/m^3
- ◉ 1800 kg/m^3
- ⊖ 1500 kg/m^3
- ○ 1200 kg/m^3

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.

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.

336F L/LN Straight Boom – Work Tool Offering Guide*

Boom Type		Straight	
Stick Size		**3.2 HD**	**3.9 HD**
Counterweight		**8450 kg**	
Hydraulic Hammer		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 PP Jaw ** MP30 PS Jaw ** MP30 S 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 ** MP30 S Jaw **
Pulverizer		P225 P235 **	P225
Crusher		P325 P335 **	P325 P335 **
Demolition and Sorting Grapple (D-Demolition shells, R-Recycling shells)		G325B-D/R G330 **	G325B-D/R G330 **
Scrap and Demolition Shear		S325B S365B #	S325B ** S365B #
Compactor (Vibratory Plate)		CVP110	CVP110
Orange Peel Grapple		These work tools are available for the 336F L/LN SB. Consult your Cat dealer for proper match.	
Dedicated Quick Coupler	CW-45		
	CW-45S		

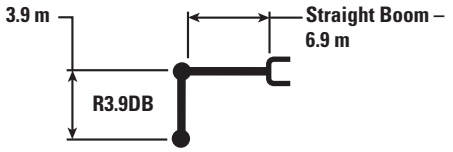
*Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

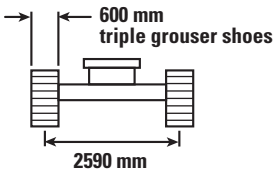
**Pin-on only

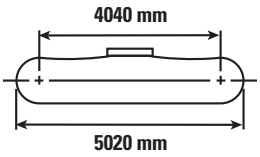
#Boom Mount

336F Straight Boom Hydraulic Excavator Specifications

336F L Straight Boom Lift Capacities – Counterweight: 8.45 mt – without Bucket – Heavy Lift: On







		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				
																m
12.0 m	kg													*10 100	*10 100	3.88
10.5 m	kg					*9000	*9000							*7000	*7000	6.59
9.0 m	kg					*8950	*8950	*8400	*8400					*5950	*5950	8.18
7.5 m	kg					*8550	*8550	*8900	*8900	*7050	6650			*5450	*5450	9.26
6.0 m	kg			*7950	*7950	*9100	*9100	*9150	8850	*8150	6600			*5200	*5200	10.00
4.5 m	kg			*13 800	*13 800	*11 600	*11 600	*9650	8550	*8300	6450			*5100	5050	10.47
3.0 m	kg			*17 150	*17 150	*12 600	11 300	*10 100	8200	*8500	6300	*7050	4950	*5150	4800	10.71
1.5 m	kg			*13 900	*13 900	*13 250	10 750	*10 400	7900	*8550	6100	*6950	4900	*5300	4750	10.74
0.0 m	kg			*12 850	*12 850	*13 150	10 350	*10 300	7650	*8300	6000	*6300	4850	*5600	4850	10.55
–1.5 m	kg	*7350	*7350	*15 700	15 500	*12 250	10 200	*9650	7550	*7600	5950			*5650	5100	10.14
–3.0 m	kg	*12 750	*12 750	*12 950	*12 950	*10 500	10 250	*8250	7550	*5950	*5950			*4800	*4800	9.47
–4.5 m	kg					*7600	*7600	*5650	*5650					*4900	*4900	7.94

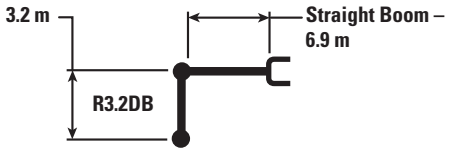
* ISO 10567

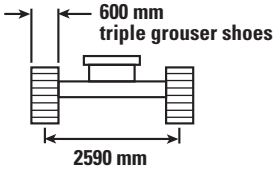
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

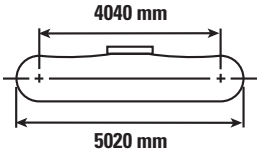
Lift capacity stays with ±5% for all available track shoes.

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

336F L Straight Boom Lift Capacities – Counterweight: 8.45 mt – without Bucket – Heavy Lift: On







		4.5 m		6.0 m		7.5 m		9.0 m				
												m
10.5 m	kg	*12 150	*12 150							*9450	*9450	5.34
9.0 m	kg			*10 750	*10 750					*7750	*7750	7.22
7.5 m	kg			*10 800	*10 800	*9550	8900			*7000	*7000	8.43
6.0 m	kg	*11 800	*11 800	*11 400	*11 400	*9700	8750	*8600	6550	*6700	6250	9.24
4.5 m	kg	*16 200	*16 200	*12 300	11 750	*10 100	8500	*8650	6450	*6600	5650	9.75
3.0 m	kg			*13 150	11 150	*10 450	8150	*8700	6300	*6650	5400	10.01
1.5 m	kg			*13 450	10 650	*10 600	7900	*8600	6150	*6900	5300	10.04
0.0 m	kg	*11 750	*11 750	*13 000	10 400	*10 250	7700	*8100	6050	*6750	5400	9.83
–1.5 m	kg	*14 250	*14 250	*11 650	10 350	*9250	7650	*6950	6100	*6050	5800	9.39
–3.0 m	kg	*11 100	*11 100	*9450	*9450	*7350	*7350			*5000	*5000	8.66

* ISO 10567

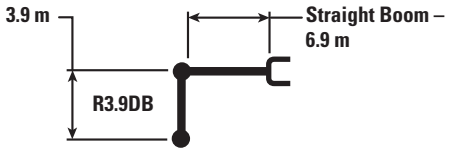
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

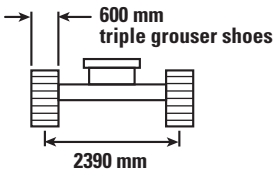
Lift capacity stays with ±5% for all available track shoes.

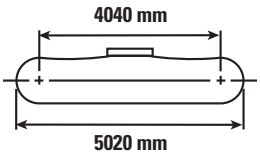
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336F Straight Boom Hydraulic Excavator Specifications

336F LN Straight Boom Lift Capacities – Counterweight: 8.45 mt – without Bucket – Heavy Lift: On







		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				
12.0 m	kg													*10 100	*10 100	3.88
10.5 m	kg					*9000	*9000							*7000	*7000	6.59
9.0 m	kg					*8950	*8950	*8400	8350					*5950	*5950	8.18
7.5 m	kg					*8550	*8550	*8900	8400	*7050	6150			*5450	*5450	9.26
6.0 m	kg			*7950	*7950	*9100	*9100	*9150	8200	*8150	6150			*5200	5050	10.00
4.5 m	kg			*13 800	*13 800	*11 600	11 050	*9650	7950	*8300	6000			*5100	4650	10.47
3.0 m	kg			*17 150	15 650	*12 600	10 400	*10 100	7600	*8500	5800	*7050	4600	*5150	4450	10.71
1.5 m	kg			*13 900	*13 900	*13 250	9850	*10 400	7250	*8550	5650	*6950	4500	*5300	4350	10.74
0.0 m	kg			*12 850	*12 850	*13 150	9500	*10 300	7050	*8300	5500	*6300	4450	*5600	4450	10.55
–1.5 m	kg	*7350	*7350	*15 700	14 050	*12 250	9350	*9650	6950	*7600	5450			*5650	4700	10.14
–3.0 m	kg	*12 750	*12 750	*12 950	*12 950	*10 500	9350	*8250	6950	*5950	5500			*4800	*4800	9.47
–4.5 m	kg					*7600	*7600	*5650	*5650					*4900	*4900	7.94

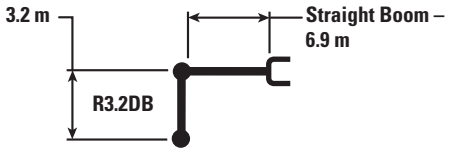
* ISO 10567

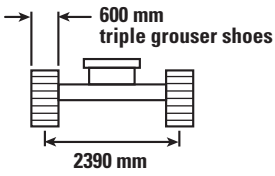
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

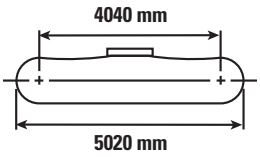
Lift capacity stays with ±5% for all available track shoes.

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

336F LN Straight Boom Lift Capacities – Counterweight: 8.45 mt – without Bucket – Heavy Lift: On







		4.5 m		6.0 m		7.5 m		9.0 m				
												m
10.5 m	kg	*12 150	*12 150							*9450	*9450	5.34
9.0 m	kg			*10 750	*10 750					*7750	*7750	7.22
7.5 m	kg			*10 800	*10 800	*9550	8250			*7000	6750	8.43
6.0 m	kg	*11 800	*11 800	*11 400	*11 400	*9700	8100	*8600	6050	*6700	5750	9.24
4.5 m	kg	*16 200	*16 200	*12 300	10 850	*10 100	7850	*8650	5950	*6600	5250	9.75
3.0 m	kg			*13 150	10 250	*10 450	7550	*8700	5800	*6650	4950	10.01
1.5 m	kg			*13 450	9800	*10 600	7300	*8600	5700	*6900	4900	10.04
0.0 m	kg	*11 750	*11 750	*13 000	9550	*10 250	7100	*8100	5600	*6750	5000	9.83
–1.5 m	kg	*14 250	*14 250	*11 650	9500	*9250	7050	*6950	5600	*6050	5350	9.39
–3.0 m	kg	*11 100	*11 100	*9450	*9450	*7350	7150			*5000	*5000	8.66

* ISO 10567

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

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

336F Straight Boom Standard Equipment

Standard Equipment

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

CAB

- Demolition cab with P5A glass (front and top)
- Parallel wiper and washer (front and top)
- Mirrors
- Pressurized operator station with positive filtration
- Sliding upper door window (left-hand cab door)
- Interior:
  - Coat hook
  - Beverage holder
  - Literature holder
  - Interior lighting
  - AM/FM radio mounting (DIN size)
  - Two 12V stereo speakers
  - Storage shelf suitable for lunch or toolbox
  - Power supply with 12V, two power outlets (10 amp)
  - Thumb wheel modulation joysticks for use with combined auxiliary control
  - Air conditioner, heater and defroster with climate control
- Seat:
  - Adjustable high-back, heated/ventilated seat with air suspension
  - Seat belt, 51 mm
  - Adjustable armrest
  - Height adjustable joystick consoles
  - Neutral lever (lock out) for all controls
  - Travel control pedals with removable hand levers
  - Two speed travel
  - Floor mat, washable
- Monitor:
  - Clock
  - Video ready
  - Color LCD display with warning, filter/fluid change, and working hour information
  - Language display (full graphic and full color display)
  - Machine condition, error code and tool mode setting information
  - Start-up level check for engine oil, engine coolant and hydraulic oil
  - Warning, filter/fluid change and working hour information
  - Fuel consumption meter
- Windshield:
  - One-piece, fixed
- Sun screen
- Straight travel pedal

ELECTRICAL

- 80 amp alternator
- Circuit breaker
- Battery, standard
- Electric refueling pump

ENGINE

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

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
- Bio oil capable

LIGHTS

- Cab and boom lights with time delay (halogen)
- 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
- Counterweight, 8.45 mt
- HD bottom guard
- HD travel motor guard
- Swivel guard
- Track guiding guards:
  - Full length

SAFETY AND SECURITY

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

INTEGRATED TECHNOLOGIES

- Product Link
- Rear vision camera

FRONT LINKAGE

- Straight Boom 6.9 m (with BLCV/SLCV) with two side boom lights

GUARDS

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

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

TRACK

- 600 mm Triple Grouser HD (Long and Long Narrow)

Optional Equipment

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

FRONT LINKAGE
- Reach Stick 3.9 m (with cylinder guard)
- Reach Stick 3.2 m (with cylinder guard)
- DB-family bucket linkage (with lifting eye)
- CW Quick coupler

ELECTRICAL
- Cold weather starting package, 240V, –32° C

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**

AEHQ7650-01 (03-2016)
Replaces AEHQ7650

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