

336F Straight Boom

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	291 kN	65,352 lbf

Weights

Maximum Weight	40 800 kg	89,900 lb
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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 machine in this size class.

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CAT

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336F
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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 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.

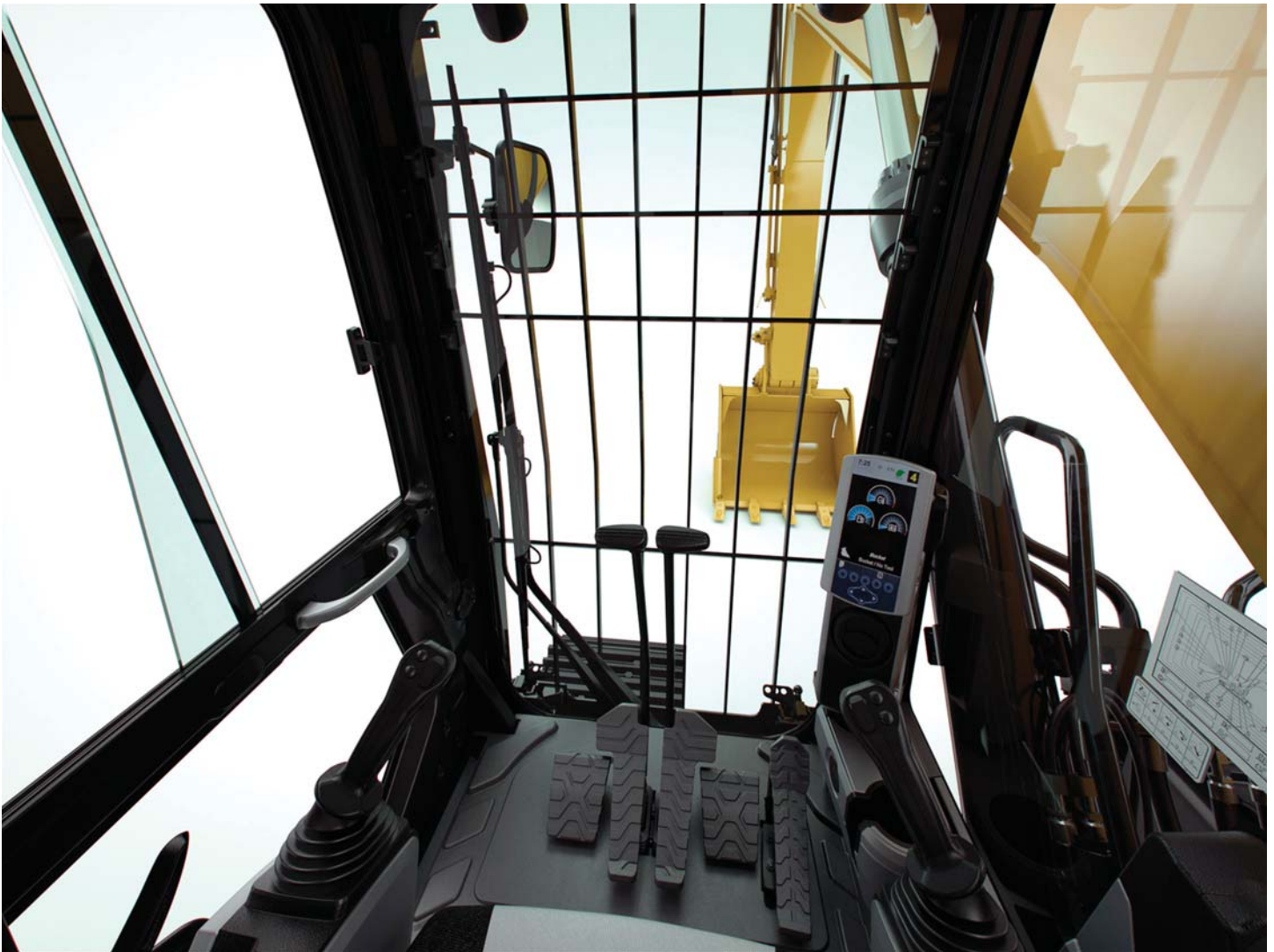
The heavy lift mode increases machine system pressure to improve lift – a nice benefit in certain situations. Heavy lift mode also reduces engine speed and pump flow in order to improve controllability.

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.



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

Durable Structures

Made 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 (9.3 t) counterweight.
- Track shoes, links, rollers, idlers, and final drives are built with high-tensile strength steel for long term durability.
- 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 Cat C9.3 ACERT engine meets U.S. EPA Tier 4 Final emission standards and it does so without interrupting your job process. Simply turn the engine on and go to work. It will look for opportunities in your work cycle to regenerate itself, and it will give you plenty of power for the task at hand – all to help keep your owning and operating costs to an absolute minimum.

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 Fluid Efficiency** of up to 5% over Tier 4 Interim products, including Diesel Exhaust Fluid (DEF) consumption.
- **High Performance** across a variety of applications.
- **Enhanced Reliability** through commonality and simplicity of design.
- **Maximized Uptime and Reduced Cost** with world-class 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.

Safe Work Environment

Features to help protect you day in and day out



Safe and Quiet Cab

The new demolition cab (ROPS-certified) comes standard with P5A reinforced windshield and top glass, as well as front and top Falling Object Guards.

The cab is attached to a reinforced frame with special viscous mounts that limit vibration and unnecessary sound. The cab is as quiet inside as any of today's highway trucks.

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 standard 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.



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.



1) Quick Coupler 2) Cat General Duty (GD) 3) Heavy Duty (HD)
4) Severe Duty (SD) 5) 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

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.

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.



Sustainability

Generations ahead in every way

- The 336F L Straight Boom is designed to compliment your business plan, reduce emissions and minimize the consumption of natural resources.
- The C9.3 ACERT engine meets Tier 4 Final emission standards.
- The 336F consumes 5% less fluid than 336E, which means more efficiency and less CO₂ emissions.
- The machine has the flexibility of running on either ultra-low-sulfur diesel (ULSD) fuel with 15 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.
- 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 Straight Boom 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
Engine Power – ISO 14396	234 kW	313 hp
Net Power – SAE J1349	228 kW	306 hp
Bore	115 mm	4.53 in
Stroke	149 mm	5.87 in
Displacement	9.3 L	2.46 gal

Hydraulic System

Main System – Maximum Flow (total)	570 L/min	151 gal/min
Swing System – Maximum Flow	279 L/min	74 gal/min
Maximum Pressure – Equipment (lift mode)	35 000 kPa	5076 psi
Maximum Pressure – Travel	35 000 kPa	5076 psi
Maximum Pressure – Swing	28 000 kPa	4061 psi
Auxiliary Circuit – High Pressure	29 L/min	8 gal/min
Auxiliary Circuit – Medium Pressure	4100 L/min	595 gal/min
Pilot System – Maximum Flow	150 L/min	5.9 gal/min
Pilot System – Maximum Pressure	1440 kPa	56.7 psi
Boom Cylinder – Bore	150 mm	5.9 in
Boom Cylinder – Stroke	1440 mm	56.7 in
Stick Cylinder – Bore	170 mm	6.7 in
Stick Cylinder – Stroke	1738 mm	68.4 in
DB Bucket Cylinder – Bore	150 mm	5.9 in
DB Bucket Cylinder – Stroke	1151 mm	45.3 in

Drive

Gradeability	30°/70%	
Maximum Travel Speed	4.8 km/h	3 mph
Maximum Drawbar Pull	291 kN	65,352 lbf

Swing Mechanism

Swing Speed	8.8 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 (with filter)	32 L	8 gal
Swing Drive (each)	19 L	5 gal
Final Drive (each)	8 L	2 gal
Hydraulic System (including tank)	380 L	100 gal
Hydraulic Tank	175 L	46 gal
DEF Tank	41 L	11 gal

Track

Track Options	600 mm	24 in
	700 mm	28 in
	850 mm	33 in
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 – ISO 6395	106 dB(A)
Interior – ISO 6396/SAE J1166	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.

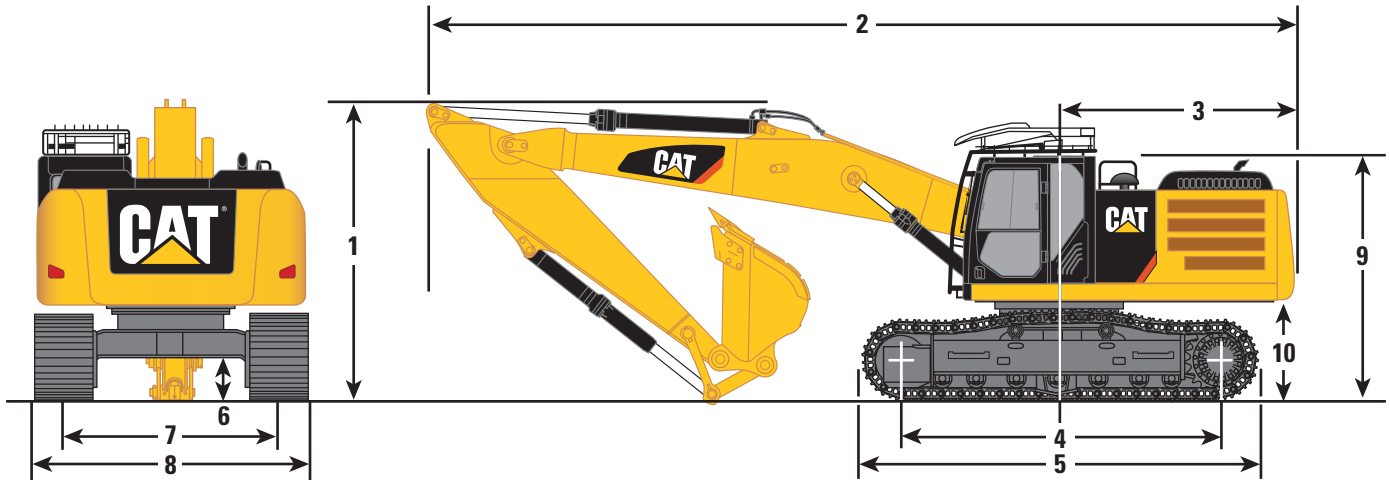
Standards

Brakes	ISO 10265:2008
Cab/FOGS	SAE J1356 FEB88 ISO 10262:2008
Cab/ROPS	ISO 12117-2:2008
DEF	ISO 22241

336F Straight Boom Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



Boom

Straight Boom 6.9 m (22'8")

Stick Options	R3.9DB (12'10")		R3.2DB (10'6")	
1 Shipping Height*	3740 mm	12'3"	3480 mm	11'5"
2 Shipping Length	11 370 mm	37'4"	11 480 mm	37'8"
3 Tail Swing Radius	3500 mm	11'6"	3500 mm	11'6"
4 Length to Center of Rollers	4040 mm	13'3"	4040 mm	13'3"
5 Track Length	5040 mm	16'6"	5040 mm	16'6"
6 Ground Clearance*	520 mm	1'8"	520 mm	1'8"
Ground Clearance**	480 mm	1'7"	480 mm	1'7"
7 Track Gauge	2590 mm	8'6"	2590 mm	8'6"
8 Transport Width – 600 mm (24") HD Tracks	3190 mm	10'6"	3190 mm	10'6"
9 Cab Height	3170 mm	10'5"	3170 mm	10'5"
Cab Height with Top Guard	3480 mm	11'5"	3480 mm	11'5"
10 Counterweight Clearance**	1220 mm	4'	1220 mm	4'
Bucket Type	DB1536GP-C		DB1536GP-C	
Bucket Capacity	2.28 m ³	2.98 yd ³	2.28 m ³	2.98 yd ³
Bucket Tip Radius	1753 mm	5'9"	1753 mm	5'9"

*Including shoe lug height.

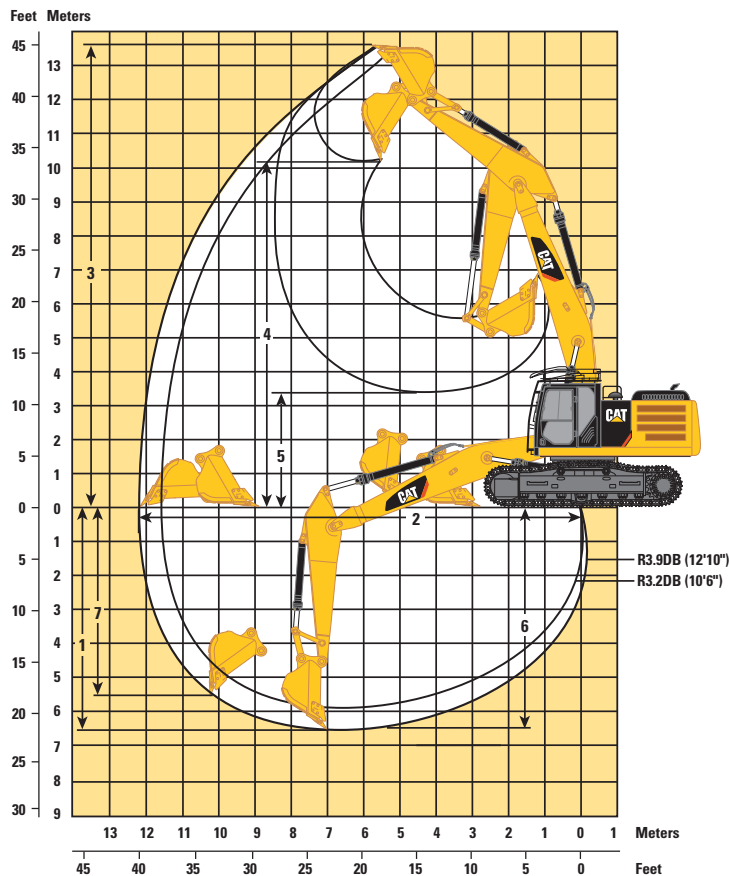
**Without shoe lug height.

Dimensions may vary depending on bucket selection.

336F Straight Boom Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.



Boom

Straight Boom 6.9 m (22'8")

Stick Options

	R3.9DB (12'10")		R3.2DB (10'6")	
1 Maximum Digging Depth	6640 mm	21'9"	5940 mm	19'6"
2 Maximum Reach at Ground Level	12 340 mm	40'6"	11 630 mm	38'2"
3 Maximum Cutting Height	13 760 mm	45'2"	13 120 mm	43'1"
4 Maximum Loading Height	10 260 mm	33'8"	9610 mm	31'6"
5 Minimum Loading Height	3370 mm	11'1"	3990 mm	13'1"
6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	6510 mm	21'4"	5790 mm	19'
7 Maximum Vertical Wall Digging Depth	5610 mm	18'5"	4970 mm	16'4"
Bucket Type	DB1536GP-C		DB1536GP-C	
Bucket Capacity	2.28 m ³	2.98 yd ³	2.28 m ³	2.98 yd ³
Bucket Tip Radius	1753 mm	5'9"	1753 mm	5'9"
Cat General Duty				
Bucket Digging Force (SAE)	187.5 kN	42,150 lbf	187.5 kN	42,150 lbf
Stick Digging Force (SAE)	140.9 kN	31,680 lbf	161.4 kN	36,280 lbf

Dimensions may vary depending on bucket selection.

336F Straight Boom Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

Straight Boom – 6.9 m (22'8")	336F Straight Boom			
	600 mm (24") Triple Grouser Shoes			
	kg	lb	kPa	psi
Long Undercarriage				
HD R3.9DB (12'10")	40 800	89,900	76.0	11.0
HD R3.2DB (10'6")	40 700	89,700	75.8	11.0

Major Component Weights

	336F Straight Boom	
	kg	lb
Lower Structure (without counterweight and track)	9700	21,400
Upper Structure (without front linkage)		
with 8.45 mt (9.3 t) Counterweight	10 000	22,000
Counterweight – 8.45 mt (9.3 t)	8500	18,700
Boom (includes lines, pins and stick cylinder)		
Straight Boom – 6.9 m (22'8")	4400	9,700
Stick (includes lines, pins and bucket cylinder)		
HD R3.9DB (12'10")	1700	3,700
HD R3.2DB (10'6")	1600	3,500
Track Shoes		
600 mm (24") Triple Grouser	4100	9,000
700 mm (28") Triple Grouser	4300	9,500
850 mm (33") Triple Grouser	5400	11,900
Bucket		
DB1536GP-C – 2.28 m ³ (2.98 yd ³)	1500	3,300

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

336F Straight Boom Hydraulic Excavator Specifications

336F L SB Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill %	Straight Boom	
		mm	in	m ³	yd ³	kg	lb		3.2 m (10'6")	3.9 m (12'10")
Without Coupler										
Heavy Duty (HD)	DB	1350	54	1.64	2.14	1481	3,265	100	●	●
Severe Duty (SD)	DB	1650	66	2.15	2.81	1827	4,028	90	●	⊙
								Maximum load pin-on (payload + bucket)		
								kg	6195	5535
								lb	13,655	12,200
With Quick Coupler										
Heavy Duty (HD)	DB	1350	54	1.64	2.14	1481	3,265	100	●	●
Severe Duty (SD)	DB	1650	66	2.15	2.81	1827	4,028	90	⊙	⊖
								Maximum load pin-on (payload + bucket)		
								kg	5635	4975
								lb	12,420	10,965

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.

Maximum Material Density:

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

336F Straight Boom Hydraulic Excavator Specifications

336F L Straight Boom – Work Tool Offering Guide*

Boom Type	Straight	
Stick Type	3.2 HD (10'6")	3.9 HD (12'10")
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		
Dedicated Quick Coupler	CW-45 CW-45S	

These work tools are available for the 336F L SB.
Consult your Cat dealer for proper match.

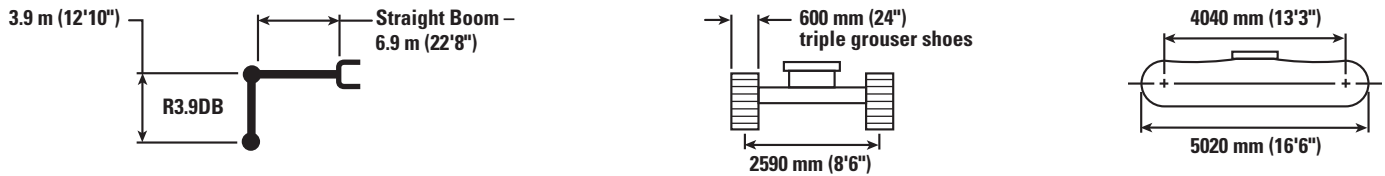
*Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

**Pin-on only

#Boom Mount

336F Straight Boom Hydraulic Excavator Specifications

336F L Straight Boom Lift Capacities – Counterweight: 8.45 mt (9.3 t) – without Bucket



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		m ft		
12.0 m 40.0 ft	kg lb													10 100	10 100	3.88
10.5 m 35.0 ft	kg lb					*9000 *18,500	*9000 *18,500							*7000 *15,750	*7000 *15,750	6.59 20.86
9.0 m 30.0 ft	kg lb					*8950 *19,900	*8950 *19,900	*8400 *17,500	*8400 *17,500					*5950 *13,250	*5950 *13,250	8.18 26.41
7.5 m 25.0 ft	kg lb					*8550 *19,000	*8550 *19,000	*8900 *19,400	*8900 19,400	*7050 *12,850	6650 *12,850			*5450 *12,050	*5450 *12,050	9.26 30.14
6.0 m 20.0 ft	kg lb			*7950 *17,400	*7950 *17,400	*9100 *19,950	*9100 *19,950	*9150 *19,900	8850 19,050	*8150 *17,750	6600 14,200			*5200 *11,450	*5200 *11,450	10.00 32.68
4.5 m 15.0 ft	kg lb			*13 800 *28,550	*13 800 *28,550	*11 600 *25,050	*11 600 *25,050	*9650 *20,900	8550 18,450	*8300 *18,050	6450 13,900			*5100 *11,200	5050 11,100	10.47 34.30
3.0 m 10.0 ft	kg lb			*17 150 *36,950	*17 150 *36,950	*12 600 *27,250	11 300 24,400	*10 100 *21,900	8200 17,700	*8500 *18,400	6300 13,550	*7050 *12,350	4950 10,650	*5150 *11,250	4800 10,550	10.71 35.14
1.5 m 5.0 ft	kg lb			*13 900 *33,750	*13 900 *33,750	*13 250 *28,650	10 750 23,150	*10 400 *22,550	7900 17,000	*8550 *18,500	6100 13,150	*6950 *13,600	4900 10,500	*5300 *11,600	4750 10,400	10.74 35.24
0 m 0 ft	kg lb			*12 850 *30,150	*12 850 *30,150	*13 150 *28,500	10 350 22,350	*10 300 *22,300	7650 16,500	*8300 *17,900	6000 12,850	*6300 *12,850	4850	*5600 *12,250	4850 10,600	10.55 34.63
-1.5 m -5.0 ft	kg lb	*7350 *16,700	*7350 *16,700	*15 700 *34,100	15 500 33,300	*12 250 *26,500	10 200 22,000	*9650 *20,850	7550 16,250	*7600 *16,200	5950 12,750			*5650 *12,350	5100 11,250	10.14 33.24
-3.0 m -10.0 ft	kg lb	*12 750 *28,950	*12 750 *28,950	*12 950 *28,000	*12 950 *28,000	*10 500 *22,600	10 250 22,050	*8250 *17,650	7550 16,300	*5950 *12,300	*5950 *12,300			*4800 *10,450	*4800 *10,450	9.47 30.99
-4.5 m -15.0 ft	kg lb					*7600 *16,150	*7600 *16,150	*5650 *11,600	*5650 *11,600					*4900 *11,000	*4900 *11,000	7.94 25.50



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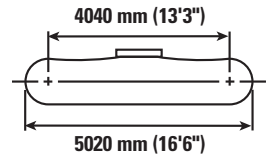
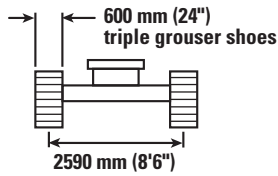
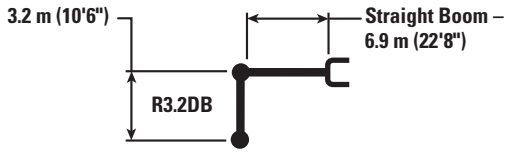
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







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 Hydraulic Excavator Specifications

336F L Straight Boom Lift Capacities – Counterweight: 8.45 mt (9.3 t) – without Bucket



		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		 m ft		
												
10.5 m 35.0 ft	kg lb	*12 150 *26,050	*12 150 *26,050							*9450 *21,600	*9450 *21,600	5.34 16.60
9.0 m 30.0 ft	kg lb			*10 750 *23,650	*10 750 *23,650					*7750 *17,300	*7750 *17,300	7.22 23.21
7.5 m 25.0 ft	kg lb			*10 800 *23,500	*10 800 *23,500	*9550 *20,850	8900 19,050			*7000 *15,550	*7000 *15,550	8.43 27.38
6.0 m 20.0 ft	kg lb	*11 800 *25,550	*11 800 *25,550	*11 400 *24,650	*11 400 *24,650	*9700 *21,150	8750 18,850	*8600 *16,050	6550 13,950	*6700 *14,750	6250 13,850	9.24 30.16
4.5 m 15.0 ft	kg lb	*16 200 *34,850	*16 200 *34,850	*12 300 *26,600	11 750 25,400	*10 100 *21,900	8500 18,300	*8650 *18,750	6450 13,850	*6600 *14,450	5650 12,500	9.75 31.92
3.0 m 10.0 ft	kg lb			*13 150 *28,400	11 150 24,050	*10 450 *22,650	8150 17,600	*8700 *18,850	6300 13,550	*6650 *14,600	5400 11,850	10.01 32.81
1.5 m 5.0 ft	kg lb			*13 450 *29,150	10 650 23,000	*10 600 *22,900	7900 17,000	*8600 *18,550	6150 13,250	*6900 *15,150	5300 11,650	10.04 32.93
0 m 0 ft	kg lb	*11 750 *27,650	*11 750 *27,650	*13 000 *28,150	10 400 22,450	*10 250 *22,150	7700 16,650	*8100 *17,450	6050 13,100	*6750 *14,850	5400 11,950	9.83 32.26
-1.5 m -5.0 ft	kg lb	*14 250 *31,050	*14 250 *31,050	*11 650 *25,250	10 350 22,300	*9250 *19,950	7650 16,550	*6950 *14,600	6100 13,100	*6050 *13,300	5800 12,750	9.39 30.77
-3.0 m -10.0 ft	kg lb	*11 100 *24,050	*11 100 *24,050	*9450 *20,300	*9450 *20,300	*7350 *15,600	*7350 *15,600			*5000 *10,900	*5000 *10,900	8.66 28.32



ISO 10567



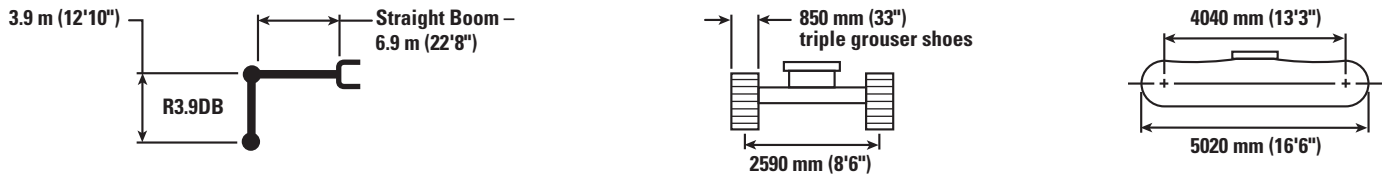
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








Lift capacity stays with $\pm 5\%$ 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 L Straight Boom Lift Capacities – Counterweight: 8.45 mt (9.3 t) – without Bucket



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		 m ft		
																
12.0 m 40.0 ft	kg lb													*11 000	*11 000	3.88
10.5 m 35.0 ft	kg lb					*9850 *20,300	*9850 *20,300							*7650 *17,250	*7650 *17,250	6.59 20.86
9.0 m 30.0 ft	kg lb					*9800 *21,700	*9800 *21,700	*9200 *19,200	9150 *19,200					*6500 *14,500	*6500 *14,500	8.18 26.41
7.5 m 25.0 ft	kg lb					*9350 *20,750	*9350 *20,750	*9800 *21,500	9150 19,700	*7750 *14,150	6750 *14,150			*5950 *13,200	*5950 *13,200	9.26 30.14
6.0 m 20.0 ft	kg lb			*8700 *19,100	*8700 *19,100	*9950 *21,850	*9950 *21,850	*10 150 *22,100	9000 19,350	*9050 *19,750	6700 14,400			*5700 *12,550	5600 12,350	10.00 32.68
4.5 m 15.0 ft	kg lb			*15 200 *31,400	*15 200 *31,400	*12 850 *27,750	12 150 26,200	*10 700 *23,200	8700 18,750	*9250 *20,100	6600 14,150			*5600 *12,300	5150 11,300	10.47 34.30
3.0 m 10.0 ft	kg lb			*19 000 *40,950	17 400 37,550	*14 000 *30,250	11 500 24,800	*11 250 *24,400	8350 18,000	*9450 *20,500	6400 13,750	7750 *13,600	5050 10,850	*5650 *12,400	4900 10,750	10.71 35.14
1.5 m 5.0 ft	kg lb			*14 650 *35,650	*14 650 35,150	*14 700 *31,850	10 900 23,550	*11 600 *25,100	8050 17,300	*9550 *20,650	6200 13,400	7650 *14,900	5000 10,700	*5800 *12,750	4800 10,600	10.74 35.24
0 m 0 ft	kg lb			*13 650 *31,950	*13 650 *31,950	*14 650 *31,750	10 550 22,700	*11 500 *24,900	7800 16,800	*9300 *20,000	6100 13,100	*6900 4950		*6150 *13,500	4900 10,800	10.55 34.63
-1.5 m -5.0 ft	kg lb	*7850 *17,800	*7850 *17,800	*17 500 *38,000	15 750 33,850	*13 650 *29,600	10 400 22,400	*10 800 *23,300	7700 16,550	*8500 *18,200	6050 13,000			*6350 *13,950	5200 11,450	10.14 33.24
-3.0 m -10.0 ft	kg lb	*13 550 *30,750	*13 550 *30,750	*14 500 *31,400	*14 500 *31,400	*11 750 *25,300	10 400 22,450	*9250 *19,800	7700 16,600	*6700 *13,900	6100 13,150			*5450 *11,900	*5450 *11,900	9.47 30.99
-4.5 m -15.0 ft	kg lb					*8600 *18,250	*8600 *18,250	*6400 *13,150	*6400 *13,150					*5600 *12,600	*5600 *12,600	7.94 25.50



ISO 10567



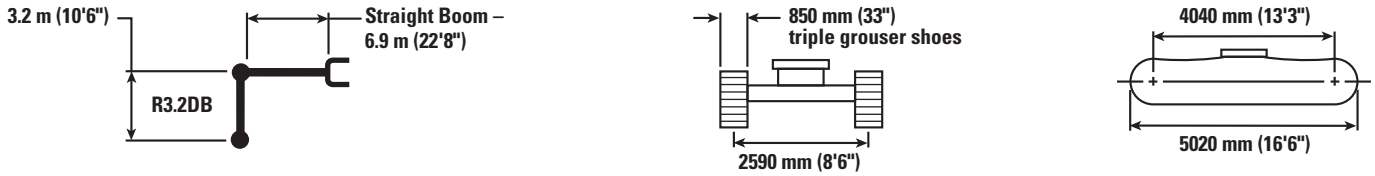
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




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 Hydraulic Excavator Specifications

336F L Straight Boom Lift Capacities – Counterweight: 8.45 mt (9.3 t) – without Bucket



		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		 m ft		
												
10.5 m 35.0 ft	kg lb	*13 250 *28,450	*13 250 *28,450							*10 300 *23,500	*10 300 *23,500	5.34 16.60
9.0 m 30.0 ft	kg lb			*11 850 *26,100	*11 850 *26,100					*8450 *18,850	*8450 *18,850	7.22 23.21
7.5 m 25.0 ft	kg lb			*11 900 *25,900	*11 900 *25,900	*10 550 *23,100	9050 19,350			*7650 *16,950	7400 16,500	8.43 27.38
6.0 m 20.0 ft	kg lb	*12 900 *27,950	*12 900 *27,950	*12 550 *27,250	12 500 26,950	*10 750 *23,400	8900 19,100	*9550 *17,650	6650 14,200	*7300 *16,100	6350 14,050	9.24 30.16
4.5 m 15.0 ft	kg lb	*17 900 *38,550	*17 900 *38,550	*13 600 *29,450	11 950 25,750	*11 200 *24,300	8600 18,550	*9600 *20,900	6550 14,100	*7200 *15,850	5750 12,700	9.75 31.92
3.0 m 10.0 ft	kg lb			*14 550 *31,500	11 350 24,450	*11 650 *25,200	8300 17,900	*9700 *21,000	6400 13,800	*7250 *16,000	5450 12,050	10.01 32.81
1.5 m 5.0 ft	kg lb			*14 950 *32,400	10 850 23,400	*11 800 *25,500	8050 17,300	*9600 *20,700	6250 13,500	*7550 *16,600	5400 11,850	10.04 32.93
0 m 0 ft	kg lb	*12 450 *29,350	*12 450 *29,350	*14 450 *31,300	10 600 22,800	*11 400 *24,700	7850 16,950	*9100 *19,500	6200 13,300	*7550 *16,600	5500 12,150	9.83 32.26
-1.5 m -5.0 ft	kg lb	*15 900 *34,650	*15 900 34,300	*13 000 *28,200	10 500 22,650	*10 350 *22,300	7800 16,800	*7800 *16,400	6200 13,350	*6800 *14,950	5900 13,000	9.39 30.77
-3.0 m -10.0 ft	kg lb	*12 450 *27,000	*12 450 *27,000	*10 550 *22,750	*10 550 *22,750	*8250 *17,550	7900 17,000			*5650 *12,350	*5650 *12,350	8.66 28.32



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.

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 (2 in)
 - 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
- 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
- High, economy and standard power modes
- Air cleaner
- Radial seal air filter
- Side-by-side cooling system
- Primary filter with water separator and water separator indicator switch
- Starting kit, cold weather, -18°C (-0°F)
- Fuel differential indicator switch in fuel line
- 2×4 micron main filters and 1×10 micron primary filter in fuel line

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 (9.3 t)
- 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 (22'8") (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

336F Straight Boom Optional Equipment

Optional Equipment

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

FRONT LINKAGE

- Reach Stick 3.9 m (12'10") (with cylinder guard)
- Reach Stick 3.2 m (10'6") (with cylinder guard)
- DB-family bucket linkage (with lifting eye)
- Quick coupler

UNDERCARRIAGE/UPPERFRAME

- Tracks:
 - 600 mm (24 in) triple grouser tracks
 - 700 mm (28 in) triple grouser tracks
 - 850 mm (33 in) triple grouser tracks
- Guards:
 - Side rubber bumpers

ELECTRICAL

- Cold weather starting package, 240V, –32° C (–26° F)
- Electric refueling pump

ENGINE

- Quick drains, engine and hydraulic oil (QuickEvac)
- Electric refueling pump

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(AmN)

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