



# Cat<sup>®</sup> 336F L

## Hydraulic Excavator with Straight Boom

### 2017

***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.***

### Performance

- The C9.3 ACERT™ engine meets U.S. EPA Tier 4 Final and EU Stage IV emission standards.
- Power modes help you more actively manage fuel consumption.
- The heavy lift mode increases machine system pressure to improve lift – a nice benefit in certain situations.
- The SmartBoom™ reduces stress and vibrations transmitted to the machine and cab, especially during hammer work.

### Cat<sup>®</sup> Connect Technology

- Cat Connect technology solutions increase production, minimize operating costs, and optimize return on investment by offering LINK and DETECT technologies.
- VisionLink<sup>®</sup> provides wireless access to machine operating data such as location, hours, idle time, fuel usage, productivity, and diagnostic codes to optimize performance.

### Maintenance

- Routine maintenance items like grease points and fluid taps are easy to reach at ground level.
- The side-by-side cooling system enables easy cleaning.
- Service door design helps prevent debris entry.
- Multiple S-O-S<sup>SM</sup> ports and pressure diagnostic taps help prevent maintenance downtime.

### Comfort

- The full-size roll-over protective structure (ROPS) certified cab is quiet and comfortable.
- Joystick consoles and armrests are adjustable. Seats are adjustable and feature air suspension and heated and cooled options.

### Versatility

- Demolition work is quick and easy with a Cat shear or multiprocessor or hammer.
- A Cat coupler lets you swap between attachments in seconds without leaving the cab.
- Tool control option remembers pressures and flows for up to 20 tools to enhance uptime.

### Durability

- Booms and sticks are built for long service.
- Box-section structures with multi-plate fabrications, castings, and forgings are used in high-stress areas. Track shoes, links, rollers, idlers, and final drives are built with high-tensile-strength steel.
- Greased track link between pins and bushings increases undercarriage life and reduces noise.

### Safety

- Smart refuel fills the machine quickly from an external fuel source, it automatically stops when the fuel tank is full or the fuel source is empty, eliminating guess work and premature pump wear.
- The rearview and optional side-view cameras enhance visibility to help make operators more effective and efficient.
- Extended hand and guard rails allow for safer climbing to the upper deck, and anti-skid plates reduce slipping hazards in all types of weather conditions.



# Cat® 336F L Hydraulic Excavator with Straight Boom

## 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 – SAE J1349	228 kW	306 hp/310 PS
Net Power – ISO 9249	228 kW	306 hp/310 PS
Bore	115 mm	4.53 in
Stroke	149 mm	5.87 in
Displacement	9.3 L	568 in <sup>3</sup>

## Weight

Maximum Weight	40 800 kg	89,900 lb
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## 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	5,076 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	28 000 kPa	4,061 psi
Auxiliary Circuit – High Pressure	37 000 kPa	5,367 psi
Auxiliary Circuit – Medium Pressure	23 000 kPa	3,359 psi
Pilot System – Maximum Flow	29 L/min	8 gal/min
Pilot System – Maximum Pressure	4100 kPa	595 psi

## Drive

Maximum Travel Speed	4.8 km/h	3.0 mph
Maximum Drawbar Pull	291 kN	65,352 lbf

## Swing

Swing Speed	8.8 rpm	
Swing Torque	109 kN·m	80,144 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 Oil (including tank)	380 L	100 gal
Hydraulic Tank Oil	175 L	46 gal
DEF Tank	41 L	11 gal

## Sound

Exterior – ISO 6395:2008*	106 dB(A)
Interior – ISO 6396:2008	73 dB(A)

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

## Dimensions\*

Boom	Straight Boom – 6.9 m (22'8")			
	3.9 m (12'10")		3.2 m (10'6")	
Stick	3.9 m (12'10")		3.2 m (10'6")	
Bucket	2.28 m <sup>3</sup> (2.98 yd <sup>3</sup> )		2.28 m <sup>3</sup> (2.98 yd <sup>3</sup> )	
Shipping Height	3740 mm	12'3"	3480 mm	11'5"
Shipping Length	11 370 mm	37'4"	11 480 mm	37'8"
Tail Swing Radius	3500 mm	11'6"	3500 mm	11'6"
Length to Center of Rollers	4040 mm	13'3"	4040 mm	13'3"
Track Length	5040 mm	16'6"	5040 mm	16'6"
Ground Clearance	520 mm	1'8"	520 mm	1'8"
Track Gauge				
Long Undercarriage	2590 mm	8'6"	2590 mm	8'6"
Long Narrow Undercarriage	2390 mm	7'10"	2390 mm	7'10"
Transport Width				
Long Undercarriage	3190 mm	10'6"	3190 mm	10'6"
Long Narrow Undercarriage	2990 mm	9'10"	2990 mm	9'10"
Cab Height	3170 mm	10'5"	3170 mm	10'5"
Cab Height with Top Guard	3480 mm	11'5"	3480 mm	11'5"
Counterweight Clearance	1220 mm	4'0"	1220 mm	4'0"

\*Dimensions may vary depending on bucket selection.

## Working Ranges\*

Boom	Straight Boom – 6.9 m (22'8")			
	3.9 m (12'10")		3.2 m (10'6")	
Stick	3.9 m (12'10")		3.2 m (10'6")	
Bucket	2.28 m <sup>3</sup> (2.98 yd <sup>3</sup> )		2.28 m <sup>3</sup> (2.98 yd <sup>3</sup> )	
Maximum Digging Depth	6640 mm	21'9"	5940 mm	19'6"
Maximum Reach at Ground Level	12 340 mm	40'6"	11 630 mm	38'2"
Maximum Cutting Height	13 760 mm	45'2"	13 120 mm	43'1"
Maximum Loading Height	10 260 mm	33'8"	9610 mm	31'6"
Minimum Loading Height	3370 mm	11'1"	3990 mm	13'1"
Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6510 mm	21'4"	5790 mm	19'0"
Maximum Vertical Wall Digging Depth	5610 mm	18'5"	4970 mm	16'4"

\*Dimensions may vary depending on bucket selection.

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