



Cat[®] 336F L XE

Hydraulic Excavator

Performance

- Hydraulic hybrid system consumes up to 25% less fuel, compared to standard 336E L.
- Max power to implements through the entire digging cycle with no loss of power.
- Cat[®] Work Tools and couplers for a wide range of applications.
- Common linkages between E and F Series support tool interchangeability.
- Tool control option remembers up to 10 tool flows and pressures to increase machine versatility, productivity, and efficiency.
- C9.3 ACERT[™] U.S. EPA Tier 4 Final, EU Stage IV engine emissions package works without interrupting the job process or operator.
- Engine equipped to run on up to B20 biodiesel fuel for flexibility.
- Three power modes – high, standard, and eco – help manage fuel consumption.

Technology

- Cat Production Measurement standard, bringing payload weighing to the cab and enabling operators to weigh loads “on the go.”
- Cat Grade Control standard, delivering 2D bucket tip elevation guidance to the cab to help operators create precise planes and slopes with ease.
- Optional Cat AccuGrade[™] provides 3D guidance for making complex cuts and contours, eliminating the need for staking and checking.
- Product Link[™]/VisionLink[®] connects owners to the machine, providing access to its location, hours, fuel consumption, idle time, events, and diagnostic codes.

Comfort

- Full-size Roll-Over Protective Structure (ROPS) cab is quiet and comfortable.
- Automatic climate control system helps maintain consistent cab temperature.
- Joysticks, armrests, and seats adjust for operator preference.
- Seats include heated and cooled options.
- LED monitor is programmable in 42 languages.
- Drink holders, storage areas, and auxiliary power outlets found in easy-to-reach areas.

Durability

- Box-section structures have multiplate fabrications, castings, and forgings in high-stress areas.
- Optional HD booms are built for long service life with the heaviest payloads.
- Swing bearing, flange, and elongated bolts maximize clamping load and bearing strength.
- Upper frame built with special mounts to support ROPS cab.
- Lower frame reinforced to enhance component durability.
- Cat XT[™]-6 hydraulic hose handles higher working pressure over longer period of time compared to same-size competitors.
- Service doors, platforms, hardware, and two-piece hood are heavier duty compared to same-size competitors.
- Industrial-grade electrical wiring heavier duty than same-size competitors with built-in diagnostic coding.
- 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.

Serviceability

- Routine maintenance items like grease points, fluid taps, and filters are reachable at ground level.
- Side-by-side air-to-air aftercooler and air conditioning condenser for maximum cooling efficiency; high-ambient cooling available.
- Electronic fuel priming pump eases service and minimizes risk of pre-fill contamination.
- Multiple S-O-SSM ports and pressure diagnostic taps help prevent maintenance downtime.

Safety

- Ample handrails, anti-skid plate on steps and top deck platform.
- Standard camera for rear visibility, second camera can be added with both viewable through the monitor at the same time.
- Optional Falling Object Guards (FOGS) provide protection from debris coming to the cab.



Cat® 336F L XE Hydraulic Excavator

Engine

Engine Model	Cat C9.3 ACERT
Gross Power – SAE J1995	238 kW (329 hp)
Gross Power – ISO 14396	234 kW (313 hp)
Power – SAE J1349/ISO 9249	228 kW (306 hp)
Bore	115 mm
Stroke	149 mm
Displacement	9.3 L

Hydraulic System

Main System – Maximum Flow (Total)	570 L/min
Swing System – Maximum Flow	276 L/min
Maximum Pressure	
Equipment (Lift Mode)	37 000 kPa
Equipment	35 000 kPa
Travel	35 000 kPa
Swing	31 500 kPa
Pilot System	
Maximum Flow	28 L/min
Maximum Pressure	4100 kPa

Drive

Maximum Travel Speed	4.8 km/h
Maximum Drawbar Pull	294 kN

Machine Weights

Minimum Operating Weight*	36 100 kg
Maximum Operating Weight**	38 700 kg
*With Reach Boom 6.5 m, Reach stick R3.2 DB, 600 mm triple grouser tracks	
**With Mass Boom 6.18 m, ME stick M2.55 TB, 850 mm triple grouser tracks	

Swing Mechanism

Swing Speed	8.7 rpm
Swing Torque	109 kN-m

Sound Performance

Exterior – ISO 6395	105 dB(A)
Operator – ISO 6396	73 dB(A)

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 (including tank)	380 L
Hydraulic Tank	175 L
DEF Tank	41 L

Dimensions

Boom Option	HD Reach Boom 6.50 m
Stick Option	R3.2 DB
Shipping Height including Shoe Lug Height	3510 mm
Shipping Length	11 190 mm
Tail Swing Radius	3490 mm
Length to Center of Rollers	4040 mm
Track Length	5030 mm
Ground Clearance including Shoe Lug Height	510 mm
Ground Clearance without Shoe Lug Height	480 mm
Track Gauge	2590 mm
Transport Width – 600 mm Shoes	3190 mm
Transport Width – 700 mm Shoes	3290 mm
Transport Width – 850 mm Shoes	3440 mm
Cab Height	3150 mm
Cab Height with Top Guard	3360 mm
Counterweight Clearance without Shoe Lug Height	1220 mm

Working Ranges

Boom Option	HD Reach Boom 6.50 m
Stick Option	R3.2 DB
Maximum Digging Depth	7490 mm
Maximum Reach at Ground Level	11 020 mm
Maximum Cutting Height	10 320 mm
Maximum Loading Height	7110 mm
Minimum Loading Height	2610 mm
Maximum Depth Cut for 2440 mm Level Bottom	6820 mm
Maximum Vertical Wall Digging Depth	5500 mm

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

© 2016 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.

AEXQ1736 (02-2016)
(ANZ)

