Cat® 336F XE/ 336F L XE

Hydraulic Excavator

Performance

- Hydraulic hybrid system consumes up to 13% less fuel than standard 336F.
- 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™ Japan 2014 (Tier 4 Final) engine emissions package works without interrupting the job process or operator.
- Two power modes – 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.
- HD Reach and Mass booms and sticks are available and built for long service life with the heaviest payloads.
- One-piece cross-roller 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.
- 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·S℠ 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.

特定特殊自動車
軽油
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オフロード法２０１４年
基準適合

Cat® 336F XE/336F L XE Hydraulic Excavator

Engine	
Engine Model	Cat C9.3 ACERT
Net Power – SAE J1349/ISO 9249	228 kW (306 hp)
Gross Power – SAE J1995	238 kW (319 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	
Normal	35 000 kPa
Maximum Pressure – Travel	35 000 kPa
Maximum Pressure – Swing	31 500 kPa
Pilot System – Maximum Flow	28 L/min
Pilot System – Maximum Pressure	4100 kPa

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

Machine Weights	
Minimum Operating Weight*	34 700 kg
Maximum Operating Weight**	37 400 kg
*With standard undercarriage, 600 mm TG, Reach boom, R3.2 m stick	
**With long undercarriage, 800 mm TG, Mass boom, M255 m stick	

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

Swing	
Swing Speed	8.7 rpm
Swing Torque	109 kN·m

Dimensions	
Boom Option	**HD Reach Boom 6.50 m**
Stick Option	**R3.2BD**
Bucket	**1.5 m³**
Shipping Height including Shoe Lug Height	3450 mm
Shipping Length	11 170 mm
Tail Swing Radius	3490 mm
Length to Center of Rollers – Standard Undercarriage	3605 mm
Length to Center of Rollers – Long Undercarriage	4040 mm
Track length – Standard Undercarriage	4590 mm
Track Length – Long Undercarriage	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
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	**R3.2DB**
Bucket	**1.5 m³**
Maximum Digging Depth	7390 mm
Maximum Reach at Ground Level	10 920 mm
Maximum Cutting Height	10 280 mm
Maximum Loading Height	7210 mm
Minimum Loading Height	2710 mm
Maximum Depth Cut for 2440 mm Level Bottom	6700 mm
Maximum Vertical Wall Digging Depth	6070 mm

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

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

Based on the Labor, Safety and Health Laws in Japan, employer of small construction equipment are required to provide specific training for all operators on machines with ship weight less than 3 metric ton. For machines greater than 3 metric ton, operator needs to obtain operator license certification from a Government approved registered training school.

AEXQ1780 (05-2016)
(Japan)