



# Cat<sup>®</sup> 336D2

## *Hydraulic Excavator*

### **Performance**

- Powerful, efficient Cat<sup>®</sup> C9 ACERT<sup>™</sup> engine
- Isochronous engine speed improves fuel efficiency by managing pump and engine speed
- Highly efficient pump delivers superior hydraulic power
- Maximum hydraulic horsepower delivered in high power mode
- Better fuel saving in Eco mode
- Boom and stick regeneration reduces fuel consumption
- Robust 3 stage fuel filtration system increases reliability

### **Versatility**

- Multiple front linkage configurations available to meet all application needs
- Multiple auxiliary hydraulic options can support a large variety of work tools
- Cat buckets and GET are designed and matched to maximize machine performance
- Hydro-mechanical quick coupler options reduce tool change time

### **Safety**

- “Safely Home Everyday with a Cat Excavator”
- Hydraulic activation lever safely locks out all hydraulic functions
- Anti-skid plating and countersunk bolts reduce slipping in severe conditions

### **Reliability/Durability**

- Typically the largest and the most durable structures in the industry
- Modified X-frame structure provides long life and durability
- Robotically welded and stress relieved booms and sticks with internal baffle plates to maximize durability
- Grease Lubricated Tracks (GLT) provides longer life

### **Ease of Operation**

- Ergonomically designed cab with easy to operate controls
- Multiple seat and joystick adjustment options enhance comfort
- Excellent work site visibility from the cab enhances productivity and safety
- Optimized low effort joystick controls reduces operator fatigue
- Automatic climate control system with 10 vents maximizes comfort

### **Serviceability**

- Most service locations can be accessed at ground level
- Extended service intervals lower owning and operating costs
- Remote mounted filters reduce the time taken to service the machine
- Pressure taps and S-O-S<sup>SM</sup> ports help maximize uptime

### **Technology**

- Cat Connect technology solutions increase production and minimize operating costs
- Link Technologies wirelessly connects you to your job site providing essential business information (VisionLink<sup>®</sup>, Product Link<sup>™</sup>)



# Cat® 336D2 Hydraulic Excavator

## Engine

Engine Model	Cat C9 ACERT	
Engine Power (ISO 14396)	209 kW	281 hp
Net Power (SAE J1349/ISO 9249)	208 kW	279 hp
Bore	112 mm	4.41 in
Stroke	149 mm	5.87 in
Displacement	8.8 L	537 in <sup>3</sup>

- The Cat C9 ACERT engine meets exhaust emissions equivalent to U.S. EPA Tier 3, EU Stage IIIA, Japan 2006 (Tier 3) and China Nonroad III emission standards.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator.
- The field-proven C9 ACERT engine can work efficiently at altitudes up to 2300 m (7,546 ft).

## Hydraulic System

Main System – Maximum Flow (×2 pumps)	281 L/min	74 gal/min
Swing System – Maximum Flow	265 L/min	70 gal/min
Maximum Pressure – Equipment	35 000 kPa	5,076 psi
Maximum Pressure – Equipment (heavy lift on)	38 000 kPa	5,511 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	28 000 kPa	4,061 psi
Pilot System – Maximum Flow	40 L/min	11 gal/min
Pilot System – Maximum Pressure	4000 kPa	580 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
Bucket Cylinder – Bore	150 mm	5.9 in
Bucket Cylinder – Stroke	1151 mm	45.3 in

## Drive

Gradeability	30°/70%	
Maximum Travel Speed	4.6 km/h	2.9 mph
Maximum Drawbar Pull	300 kN	67,375 lbf

## Machine Weight

Operating Weight		
Standard Undercarriage*	34 600 kg	76,300 lb
Long Undercarriage**	37 100 kg	81,800 lb

\*Standard undercarriage, 2.8 m (9'2") reach stick, 600 mm (24 in) shoes, 6.0 mt (6.6 t) counterweight.

\*\*Long undercarriage, 2.55 m (8'4") mass stick, 800 mm (32 in) shoes, 6.0 mt (6.6 t) counterweight.

## Swing

Swing Speed	8.3 rpm	
Swing Torque	109 kN·m	80,144 lbf·ft

## Service Refill Capacities

Fuel Tank Capacity	620 L	164 gal
Cooling System	40 L	11 gal
Engine Oil	41 L	11 gal
Swing Drive	19 L	5 gal
Final Drive (each)	8 L	2 gal
Hydraulic System Oil Capacity (including tank)	410 L	108 gal
Hydraulic Tank Oil	175 L	46 gal

## Dimensions

Boom Option	Reach Boom 6.5 m (21'4")			
	R3.2 DB (10'6")		R2.8 DB (9'2")	
Stick Options				
Shipping Height*	3490 mm	11'5"	3640 mm	11'11"
Shipping Length	11 190 mm	36'9"	11 230 mm	36'10"
Tail Swing Radius	3490 mm	11'5"	3490 mm	11'5"
Length to Center of Rollers				
Standard Undercarriage	3610 mm	11'10"	3610 mm	11'10"
Long Undercarriage	4040 mm	13'3"	4040 mm	13'3"
Track Length				
Standard Undercarriage	4590 mm	15'1"	4590 mm	15'1"
Long Undercarriage	5020 mm	16'6"	5020 mm	16'6"
Ground Clearance*	510 mm	1'8"	510 mm	1'8"
Ground Clearance**	480 mm	1'7"	480 mm	1'7"
Track Gauge				
Standard Undercarriage	2590 mm	8'6"	2590 mm	8'6"
Long Undercarriage	2590 mm	8'6"	2590 mm	8'6"
Transport				
Long/Standard Undercarriage				
600 mm (24") Shoes	3190 mm	10'6"	3190 mm	10'6"
700 mm (28") Shoes	3290 mm	10'10"	3290 mm	10'10"
800 mm (32") Shoes	3390 mm	11'1"	3390 mm	11'1"
Cab Height				
Non ROPS Cab	3140 mm	10'4"	3140 mm	10'4"
Counterweight Clearance**	1220 mm	4'0"	1220 mm	4'0"

\*Including shoe lug height.

\*\*Without shoe lug height.

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