



Cat[®] 340D2 L

Hydraulic Excavator

Performance

- Powerful, efficient Cat[®] C9 ACERT[™] engine meets U.S. EPA Tier 3/EU Stage III/Japan 2006 (Tier 3) equivalent and China Stage III Nonroad emission standards with advanced air and fuel management by the Engine Control Module
- 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
- Boom and stick regeneration reduces fuel consumption
- Robust three stage fuel filtration system increases reliability
- High wide undercarriage improves productivity and lifting performance and offer excellent stability and visibility

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
- Full length firewall separates the pump compartment from the engine
- Ground level fuel cut off switch shuts down the engine in an emergency

Reliability/Durability

- The proven robust components with an improved filtration system ensure reliability even with lower-quality fuel
- Typically the largest and the most durable structures in the industry
- Heavy Duty High Wide modified X-frame structure provides superior clearance, drawbar pull and durability
- Robotically welded, stress relieved heavy duty boom and stick are standard
- 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 reduce 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-SSM ports help maximize uptime

Technology

- Cat Connect technology solutions increase production and minimize operating costs
- Link technologies wirelessly connect you to your job site providing essential business information (VisionLink[®], Product Link[™])
- Grade technologies improve your grading productivity and deliver job completing accuracy and efficiency (AccuGrade[™])



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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	2.3 gal

- The Cat C9 ACERT engine meets U.S. EPA Tier 3/EU Stage III/Japan 2006 (Tier 3) equivalent and China Stage III Nonroad 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).

Machine Weights

Operating Weight – Long Undercarriage	38 900 kg*	85,800 lb*
	41 500 kg**	91,500 lb**

*R2.8 (9'2") reach stick, 600 mm (24 in) shoes, 6.25 mt (6.9 t) counterweight.

**M2.55 (8'4") mass stick, 600 mm (24 in) shoes, 8.45 mt (9.3 t) counterweight.

Swing Mechanism

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

Drive

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

Hydraulic System

Main System – Maximum Flow (total)	562 L/min	148 gal/min
Swing System – Maximum Flow	265 L/min	70 gal/min
Maximum Pressure – Equipment	35 000 kPa	5,076 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	28 000 kPa	4,061 psi
Pilot System – Maximum Flow	32 L/min	8 gal/min
Pilot System – Maximum Pressure	4100 kPa	595 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

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 Options	Reach Boom 6.5 m (21'4")		Mass Boom 6.18 m (20'3")	
Stick Options	R2.8DB (9'2")		M2.55TB (8'4")	
Counterweight	6.25 mt	6.9 t	8.45 mt	9.3 t
Shipping Height*	3690 mm	12'1"	3700 mm	12'1"
Shipping Length	11 170 mm	36'8"	10 900 mm	35'9"
Tail Swing Radius	3490 mm	11'5"	3490 mm	11'5"
Length to Center of Rollers – Long Undercarriage	4040 mm	13'3"	4040 mm	13'3"
Track Length – Long Undercarriage	5060 mm	16'7"	5060 mm	16'7"
Ground Clearance*	742 mm	2'5"	742 mm	2'5"
Ground Clearance**	690 mm	2'3"	690 mm	2'3"
Track Gauge – Long Undercarriage	2920 mm	9'7"	2920 mm	9'7"
Transport Width – Long Undercarriage				
600 mm (24") Shoes	3670 mm	12'0"	3670 mm	12'0"
700 mm (28") Shoes	3670 mm	12'0"	3670 mm	12'0"
Cab Height	3360 mm	11'0"	3360 mm	11'0"
Counterweight Clearance**	1450 mm	4'9"	1450 mm	4'9"

*Including shoe lug height.

**Without shoe lug height.

Working Ranges

Boom Options	Reach Boom 6.5 m (21'4")		Mass Boom 6.18 m (20'3")	
Stick Options	R2.8DB (9'2")		M2.55TB (8'4")	
Counterweight	6.25 mt	6.9 t	8.45 mt	9.3 t
Maximum Digging Depth	7190 mm	23'7"	6650 mm	21'10"
Maximum Reach at Ground Level	10 830 mm	35'6"	10 260 mm	33'8"
Maximum Cutting Height	10 330 mm	33'11"	9970 mm	32'9"
Maximum Loading Height	7000 mm	23'0"	6610 mm	21'8"
Minimum Loading Height	2900 mm	9'6"	2920 mm	9'7"
Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6370 mm	20'11"	5810 mm	19'1"
Maximum Vertical Wall Digging Depth	5460 mm	17'11"	4450 mm	14'7"

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