

# 336D2 XE/D2 L XE

Hydraulic Excavator



## Engine

Engine Model	Cat® C9
Engine Power (ISO 14396)	209 kW      281 hp
Net Power (SAE J1349/ISO 9249)	208 kW      278 hp

## Weights

Operating Weight – Standard Undercarriage	34 400 kg-	75,800 lb-
	36 100 kg	79,600 lb
Operating Weight – Long Undercarriage	35 300 kg-	77,800 lb-
	37 000 kg	81,600 lb

## 336D2 XE/D2 L XE Differentiating Features

### Engine and Hydraulics

*The Cat C9 engine meets U.S. EPA Tier 2, EU Stage II regulations, and China Tier 2 emission standards. The powerful engine, combined with a highly efficient hydraulic system, delivers excellent performance with low fuel consumption. In fact, this unique machine uses recovered energy from the swing to load your trucks all-day long using up to 25 percent less fuel than our powerful 336D2 machine moving the same amount of material.*

### Structures

*Caterpillar design and manufacturing techniques provide outstanding durability and service life in the toughest applications.*

### Operator Station

*The spacious cab features excellent visibility and easy-to-access switches. The monitor features a full-color graphical display that is easy to see and use. Overall, the cab provides you with a comfortable working environment for maximum production and efficiency.*

### Reduced Service and Maintenance Costs

*Routine service and maintenance can be completed quickly and easily to help you reduce ownership costs. Convenient access points, extended service intervals, and advanced filtration help minimize downtime.*

### Complete Customer Support

*Your Cat dealer offers a wide range of services that can be set up under a customer support agreement when you purchase your equipment.*

### Cat 336D2 XE/D2 L XE Total Solutions

*Caterpillar and its extensive dealer network offer a wide variety of solutions designed to meet the unique needs of your business.*

### Contents

Operator Station.....	4
Engine .....	6
Structures and Undercarriage .....	7
Hydraulics .....	8
Front Linkage .....	10
Service and Maintenance .....	11
Work Tools.....	12
Complete Customer Support.....	14
Integrated Technologies.....	15
Specifications.....	16
Standard Equipment.....	30
Optional Equipment.....	31





**The 336D2 XE/D2 L XE incorporates innovations to improve your job site efficiency through low owning and operating costs, excellent performance, and high versatility.**

# Operator Station

Ergonomically designed to keep you comfortable and productive all day long.





### **Cab Structure and Mounts**

The cab shell is attached to the frame with viscous rubber mounts, which dampen vibrations and sound levels while enhancing your comfort. Thick steel tubing along the bottom perimeter improves the cab's resistance to fatigue and vibration.

### **Seat**

The suspension seat provides a variety of adjustments to accommodate a wide range of operators. The seat includes a reclining back, upper and lower seat slide adjustments, and height and tilt adjustments to meet your needs for comfort and productivity.

### **Joystick Control and Console**

An electric controlled joystick is designed to match your natural wrist and arm position for maximum comfort and minimum fatigue. The right and left joystick console can be adjusted to meet your individual preferences, improving overall comfort and productivity throughout the work day.

### **Climate Control**

Positive filtered ventilation with a pressurized cab is standard. Fresh air or re-circulated air can be selected with a switch on the left console.

### **Windows and Wipers**

All glass is affixed directly to the cab to maximize visibility, eliminating window frames. The upper front windshield opens, closes, and stores on the roof above the operator with a one-touch action release system. Pillar-mounted wipers increase your viewing area and offer continuous and intermittent modes.

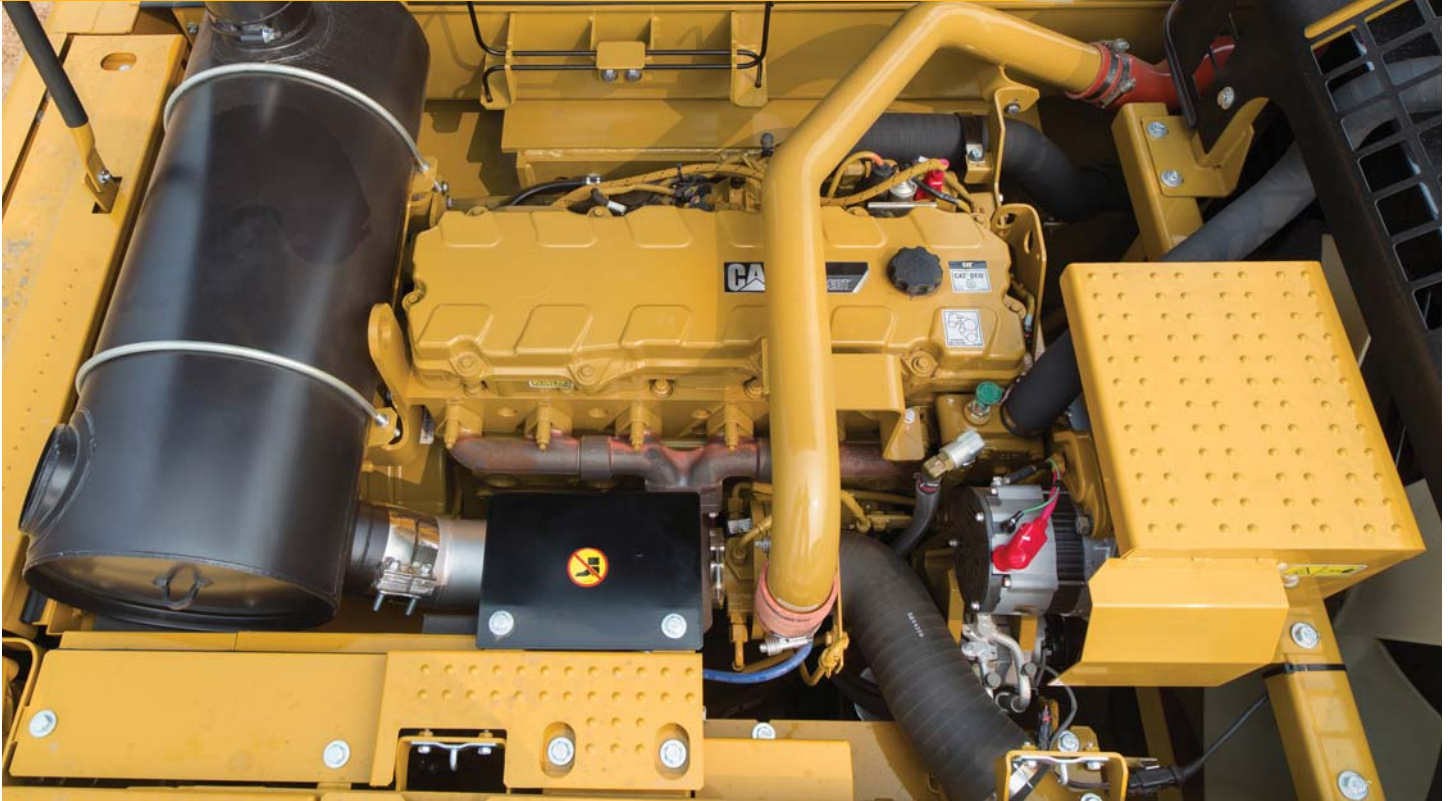


### **Monitor**

Your operators can focus on the job at hand with a high-resolution LCD monitor that is programmable in 42 languages to support today's diverse workforce. It also projects the image from the rearview camera, further enhancing job site safety and productivity.

# Engine

Powerful, reliable, and fuel efficient to deliver more to your bottom line.



## **Emission Standards**

The Cat C9 engine has been designed to meet U.S. EPA Tier 2, EU Stage II, and China Tier 2 emission standards. The engine incorporates proven robust components and precision manufacturing for reliable and efficient operation.

## **Filtration System**

The engine features an improved filtration system to ensure reliability even with less-than-quality fuel. Service intervals have been extended and the number of filters reduced to maximize your profit potential.

## **Automatic Engine Speed Control**

Automatic engine speed control is activated during no-load or light-load conditions to reduce engine speed – all to help minimize fuel consumption.

## **Low Sound and Vibration**

The Cat C9 engine is built to run quietly with low vibration, which creates a more comfortable work environment.



## Structures and Undercarriage

Strong and durable like you expect from Cat excavators.

### Main Frame

The rugged main frame is built to perform in the toughest applications. The X-shaped, box-section carbody provides excellent resistance to torsional bending. Press-formed, robot-welded track roller frames provide exceptional strength and durability.

### Rollers and Idlers

Sealed and lubricated track rollers, carrier rollers, and idlers provide excellent service life to keep your machine in the field and working longer.

### Standard Undercarriage

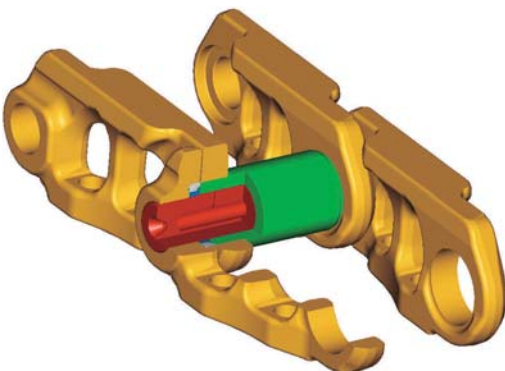
Standard undercarriage is well suited for applications that require frequent machine repositioning; it's also a good choice for restricted work spaces or uneven rocky terrain.

### Long Undercarriage

Wide and sturdy long undercarriage offers an excellent platform for applications that require maximum stability and lift capacity.

### Counterweights

The standard 5.2 mt (5.7 t) and optional 5.35 mt (5.9 t) counterweights are available. Both weights are designed to match the height of the machine and are built with thick steel plates and reinforced fabrications to make them less susceptible to damage. Their curved surfaces match the machine's sleek, smooth appearance.



### Undercarriage

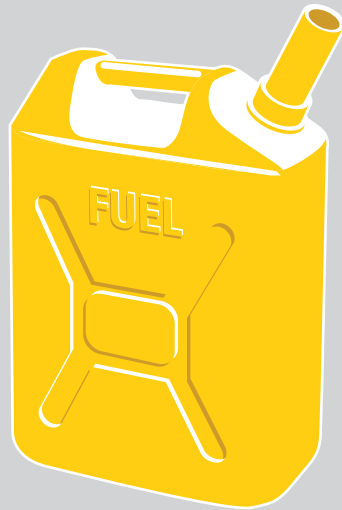
Durable Cat undercarriage absorbs stress and provides excellent stability. The 336D2 XE/D2 L XE comes standard with grease lubricated tracks. The track links are assembled and sealed with grease to decrease internal bushing wear, reduce travel noise, and extend service life, which lowers operating costs.

# Hydraulics

The more it works, the more you save.







Up to  
**25%**  
less fuel consumption than 336D2/D2 L –  
the fuel economy and performance  
leader in its class

The 336D2 XE/D2 L XE uses three building block technologies to deliver outstanding fuel savings and performance:

- The Cat Electronic Standardized Programmable (ESP) pump smoothly transitions between the hydraulic hybrid power sources, engine, and accumulator to conserve fuel.
- The Cat Adaptive Control System (ACS) valve optimizes performance by intelligently managing restrictions and flows to control machine motion, which means operators will have the power and precision they need and expect.
- The Cat Hydraulic Hybrid Swing System captures the excavator's upper structure swing brake energy in an accumulator and then reuses the energy during swing acceleration.

The hydraulic hybrid system is a simple, reliable, and cost-effective solution that will help significantly reduce your cost per ton.

### **Hydraulic Horsepower – a Cat Advantage**

Hydraulic horsepower is the actual machine power available to do work through implements and work tools. It's much more than just the engine power under the hood – it's a core strength that differentiates Cat machines from other brands. In fact, pump and other system components put more power to the ground, which means moving more material in less time and keeping more money in your pocket at the end of the day.

# Front Linkage

Reliable, durable, and versatile to meet all your application needs.

## Heavy-Duty Reach Front Linkage

The heavy-duty (HD) reach front linkage is built to work in a variety of tough, demanding applications such as heavy construction, quarries, or demanding hydraulic work tools (hammering). The 6.5 m (21'4") HD boom is made of high-tensile-strength steel using a large box-section design with two interior baffle plates and an additional bottom guard for long life and durability.

There are two reach and two HD reach stick options available to meet all your application requirements:

- The 3.9 m (12'10") stick is a great choice when you need additional working range, for example, in truck loading and deep trenching.
- The 3.2 m (10'6") stick is a versatile option that will meet the needs for most of your construction applications.
- The HD R3.2 m (10'6") stick is the most versatile option and an excellent fit for truck loading and trenching in the most demanding applications.
- The HD R2.8 m (9'2") stick is ideally suited to applications requiring larger bucket sizes. It maximizes digging forces and enables you to get your jobs completed faster.



## Mass Excavation Front Linkage

The mass excavation (ME) front linkage is designed to maximize machine performance through superior digging forces and a larger bucket capacity. The 6.18 m (20'3") mass excavation boom is reinforced with a large cross section and two internal baffle plates for long life and durability.

The ME reach boom has two stick options to meet your demanding applications:

- The 2.55 m (8'4") stick is designed for large, high-volume earthmoving work.
- The 2.15 m (7'1") stick is best when you primarily use high-capacity buckets in truck loading applications to maximize your breakout force and increase your bucket fill factor.

Talk to your Cat dealer to pick the best front linkage for your applications.

# Service and Maintenance

Simplified design to save you time and money.



## Ground-Level Service

The design and layout of the 336D2 XE/D2 L XE was made with the service technician in mind. Most service locations are easily accessible at ground level to allow service and maintenance to get completed quickly and efficiently.

## Air Filter Compartment

The air filter features a double-element construction for superior cleaning efficiency. When the air filter plugs up, a warning is displayed on the cab monitor. Maintenance-free batteries are standard, along with a battery disconnect switch.

## Greasing Points

A concentrated remote greasing block on the boom allows greasing of hard-to-reach locations on the boom and stick.

## Fan Guard

The engine radiator fan is enclosed by a steel guard that provides maximum protection when performing routine service and maintenance.

## Anti-Skid Plating

Anti-skid plating covers the entire upper structure and storage box to prevent slipping during maintenance. Safety is further enhanced with the addition of countersunk bolts to reduce trip hazards.

## Diagnostics and Monitoring

Standard hydraulic test ports enable a service technician to evaluate the hydraulic system, engine oil, and coolant quickly and easily for more efficient maintenance.

## Pump Compartment

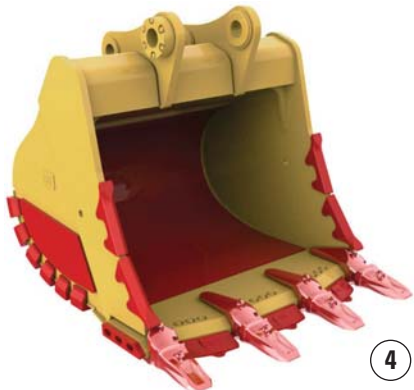
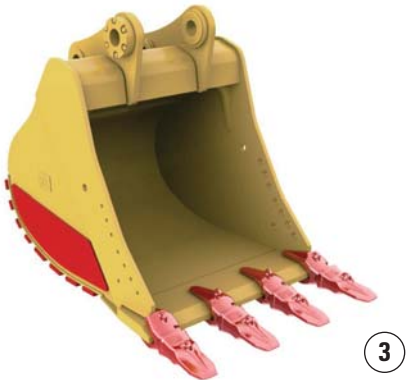
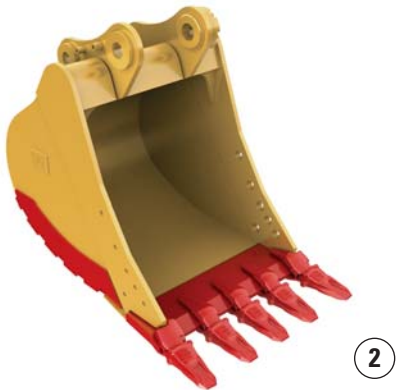
A service door on the right side of the upper structure allows ground-level access to the hydraulic pumps, hydraulic filters, engine oil filter, and fuel filters.

## Radiator Compartment

The left rear service door allows easy access to the engine radiator, hydraulic oil cooler, air-to-air aftercooler, and AC condenser. A reserve tank and drain cock are attached to the radiator for ground-level maintenance.

# Work Tools

Dig, hammer, rip, and cut with confidence.



## Versatility and Performance

Each Cat work tool is designed to optimize the versatility and performance of your machine. An extensive range of buckets, compactors, grapples, multi-processors, rippers, crushers, pulverizers, hammers, and shears is available for your 336D2 XE/D2 L XE.

### General-Duty Buckets (GD)

GD buckets are designed for digging in low-impact, moderately abrasive materials such as dirt, loam, gravel, and clay.

### Heavy-Duty Buckets (HD)

HD buckets are a good starting point when application conditions vary – especially when conditions include mixed dirt, clay, sand, and gravel.

### Severe-Duty Buckets (SD)

SD buckets are best suited to highly abrasive materials like shot rock, sand stone, and granite.

### Extreme-Duty Buckets (XD)

XD buckets are designed for extremely abrasive materials like high-quartzite granite.

- 1) *General-Duty Buckets (GD)*
- 2) *Heavy-Duty Buckets (HD)*
- 3) *Severe-Duty Buckets (SD)*
- 4) *Extreme-Duty Buckets (XD)*

## Couplers

Quick couplers allow one person to change work tools in seconds for maximum performance and flexibility on a job site. One machine can move rapidly from task to task, and a fleet of similarly equipped machines can share a common work tool inventory.

### Pin Grabber Coupler

Pin grabber coupler features a patent locking system. A highly visible secondary lock clearly displays when the coupler is engaged or disengaged from the bucket or work tool.

## E Series Hammers

E Series hammers bring together customer expectations for performance, quality, and serviceability along with Caterpillar manufacturing expertise. They are also quiet – a significant benefit in urban and noise-restricted work areas.

## Rippers

Constructed from high-strength steels and built to last, Cat rippers endure in the toughest conditions. The box-section structure is reinforced for maximum rigidity, transmitting the full machine power to the material being ripped. Rippers feature a replaceable wear tip, and most models also come equipped with a replaceable shank protector.

## Grapples

Cat grapples make Cat excavators the ideal machine for handling loose material, sorting trash, and demolition site cleanup. An array of styles and sizes is available to match excavators to the task at hand.

## Multi-Processors

Multi-processors do the work of many types of demolition tools by using interchangeable jaw sets. Changing jaws allows a single unit to crush, pulverize, and perform a variety of specialized tasks such as cutting steel rebar and tanks.

## Shears

Cat shears are designed to take full advantage of the hydraulic flows and pressures produced by Cat excavators – all to enhance productivity without compromising safety or causing premature wear of the shear or carrier.

## Pulverizers

Mechanical pulverizers are cost-effective tools for recycling demolished concrete debris. The bucket cylinder on the excavator powers the pulverizer, eliminating the need for a dedicated cylinder, associated hydraulics, and additional installation cost.

## Compactors

Cat compactors make job site compaction quick, efficient, and cost effective.



# Complete Customer Support

A wide range of personalized solutions from your local Cat dealer.

## Product Support

Cat dealers utilize a worldwide computer network to find in-stock parts to minimize machine downtime. You can also save money with our line of remanufactured components.

## Machine Selection

Your Cat dealers can provide specific recommendations with detailed comparisons of the Cat machines you are considering before you buy. This ensures you get the right size machine and appropriate work tools to meet all of your application needs.

## Maintenance Services

Repair option programs guarantee the cost of repairs up front. Condition monitoring services and diagnostic programs such as scheduled oil sampling, coolant sampling, and technical analysis help you avoid unscheduled repairs.

## Customer Support Agreements

Cat dealers offer a variety of product support agreements that can be tailored to meet your specific needs. These plans can cover the entire machine – including attachments – to help protect your investment.

## Replacement

Repair, rebuild, or replace? Your Cat dealers can help you evaluate the costs involved so you can make the right choice.



# Integrated Technologies

Monitor, manage, and enhance job site operations



Cat Connect makes smart use of technology and services to improve your job site efficiency. Using the data from technology-equipped machines, you'll get more information and insight into your equipment and operations than ever before.

Cat Connect technologies offers improvements in these key areas:



EQUIPMENT  
MANAGEMENT

**Equipment Management** – increase uptime and reduce operating costs.



PRODUCTIVITY

**Productivity** – monitor production and manage job site efficiency.



SAFETY

**Safety** – enhance job site awareness to keep your people and equipment safe.

## LINK Technologies

LINK technologies like Product Link™ wirelessly connect you to your equipment, giving you valuable insight into how your machine or fleet is performing. Track location, hours, fuel usage, idle time, and event codes through the online VisionLink® interface so you can make timely, fact-based decisions that can boost job site efficiency and productivity, and lower operating costs.

## GRADE Technologies

GRADE technologies like the AccuGrade™ system provide 3D bucket tip position and elevation guidance through the in-cab display indicating precisely where to work and how much to cut or fill. AccuGrade reduces the need for grade staking and checking, decreases labor costs, and improves job site safety.

## DETECT Technologies

DETECT technologies like the rear-vision camera enhance operator awareness by expanding your view of the environment around working equipment. Work with greater confidence and at peak potential while keeping people and assets safe.

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## Engine

Engine Model	Cat C9	
Engine Power (ISO 14396 )	209 kW	281 hp
Net Power (SAE J1349/ISO 9249)	208 kW	278 hp
Bore	112 mm	4.41 in
Stroke	149 mm	5.87 in
Displacement	8.8 L	2.3 gal

- The Cat C9 meets exhaust emissions equivalent to U.S. EPA Tier 2, EU Stage II, and China Tier 2 emission regulations.
- 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 engine can work efficiently at altitudes up to 2300 m (7,546 ft).

## Weights

Operating Weight		
Standard Undercarriage*	34 400 kg-	75,800 lb-
	36 100 kg	79,600 lb
Long Undercarriage**	35 300 kg-	77,800 lb-
	37 000 kg	81,600 lb

\*Standard undercarriage minimum, R3.2 (10'6") reach stick, 600 mm (24 in) shoes, 5.2 mt (5.7 t) counterweight.  
Standard undercarriage maximum, M2.55 m (8'4") mass stick, 800 mm (32 in) shoes, 5.2 mt (5.7 t) counterweight.

\*\*Long undercarriage minimum, R3.2 (10'6") reach stick, 600 mm (24 in) shoes, 5.2 mt (5.7 t) counterweight.  
Long undercarriage maximum, M2.55 m (8'4") mass stick, 800 mm (32 in) shoes, 5.2 mt (5.7 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	67,398 lbf

## Hydraulic System

Main System – Maximum Flow (total)	530 L/min	140 gal
Swing System – Maximum Flow	265 L/min	70 gal
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

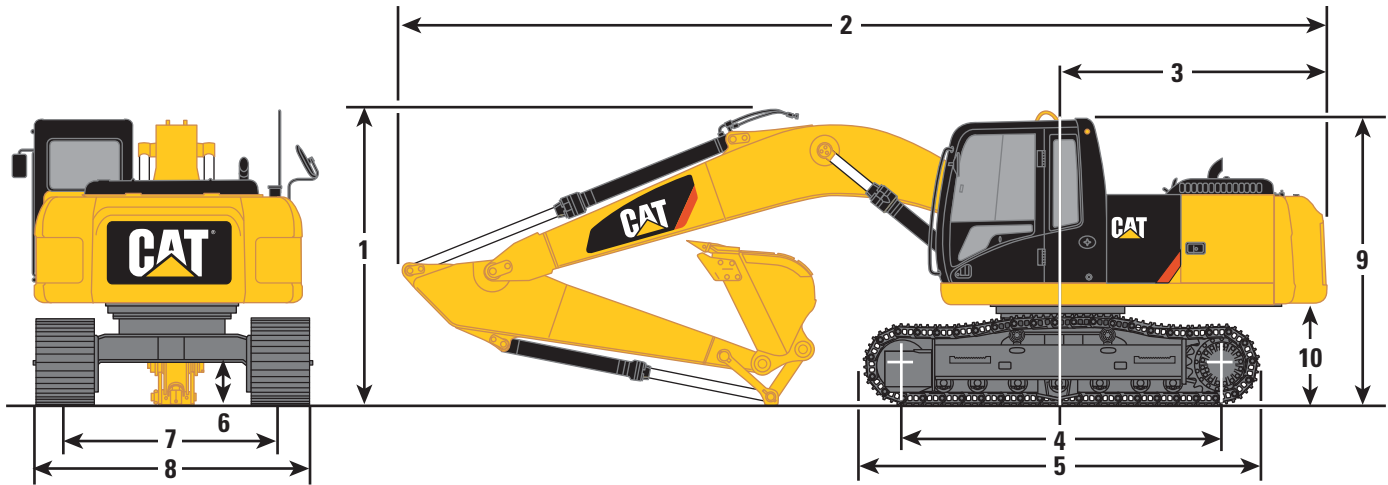
Fuel Tank Capacity	620 L	164 gal
Cooling System	40 L	11 gal
Engine Oil	41 L	11 gal
Swing Drive	19 L	5 gal
Final Drive (each)	8 L	2 gal
Hydraulic System Oil Capacity (including tank)	410 L	108 gal
Hydraulic Tank Oil	175 L	46 gal



# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## Dimensions

All dimensions are approximate.



Boom Options	HD Reach Boom 6.5 m (21'4")			Mass Boom 6.18 m (20'3")	
Stick Options	R3.9DB (12'10")	HD R3.2DB/R3.2DB (10'6")	HD R2.8DB (9'2")	M2.55TB (8'4")	M2.15TB (7'1")
<b>1</b> Shipping Height*	3670 mm (12'0")	3490 mm (11'5")	3640 mm (11'11")	3600 mm (11'10")	3630 mm (11'11")
<b>2</b> Shipping Length	11 210 mm (36'9")	11 190 mm (36'9")	11 230 mm (36'10")	10 890 mm (35'9")	10 930 mm (35'10")
<b>3</b> Tail Swing Radius	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")
<b>4</b> Length to Center of Rollers					
Standard Undercarriage	3610 mm (11'10")	3610 mm (11'10")	3610 mm (11'10")	3610 mm (11'10")	3610 mm (11'10")
Long Undercarriage	4040 mm (13'3")	4040 mm (13'3")	4040 mm (13'3")	4040 mm (13'3")	4040 mm (13'3")
<b>5</b> Track Length					
Standard Undercarriage	4590 mm (15'1")	4590 mm (15'1")	4590 mm (15'1")	4590 mm (15'1")	4590 mm (15'1")
Long Undercarriage	5020 mm (16'6")	5020 mm (16'6")	5020 mm (16'6")	5020 mm (16'6")	5020 mm (16'6")
<b>6</b> Ground Clearance*	480 mm (1'7")	480 mm (1'7")	480 mm (1'7")	480 mm (1'7")	480 mm (1'7")
Ground Clearance**	450 mm (1'6")	450 mm (1'6")	450 mm (1'6")	450 mm (1'6")	450 mm (1'6")
<b>7</b> Track Gauge					
Standard Undercarriage	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")
Long Undercarriage	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")
<b>8</b> Transport Width – Long/Standard Undercarriage					
600 mm (24 in) Shoes	3190 mm (10'6")	3190 mm (10'6")	3190 mm (10'6")	3190 mm (10'6")	3190 mm (10'6")
700 mm (28 in) Shoes	3290 mm (10'10")	3290 mm (10'10")	3290 mm (10'10")	3290 mm (10'10")	3290 mm (10'10")
800 mm (32 in) Shoes	3390 mm (11'1")	3390 mm (11'1")	3390 mm (11'1")	3390 mm (11'1")	3390 mm (11'1")
<b>9</b> Cab Height*	3140 mm (10'4")	3140 mm (10'4")	3140 mm (10'4")	3140 mm (10'4")	3140 mm (10'4")
<b>10</b> Counterweight Clearance**	1220 mm (4'0")	1220 mm (4'0")	1220 mm (4'0")	1220 mm (4'0")	1220 mm (4'0")

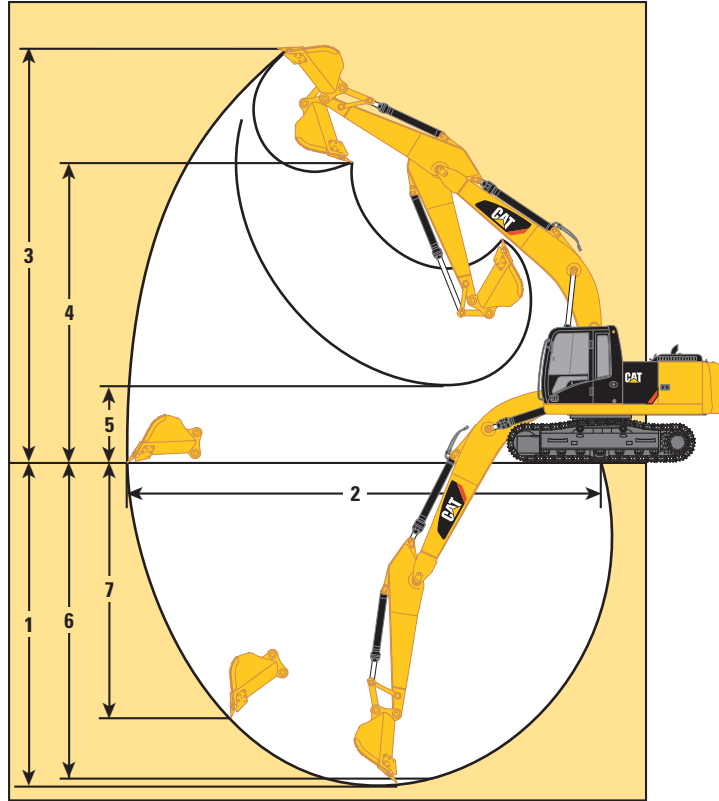
\*Including shoe lug height.

\*\*Without shoe lug height.

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## Working Ranges

All dimensions are approximate.



Boom Options	HD Reach Boom 6.5 m (21'4")			Mass Boom 6.18 m (20'3")	
	R3.9DB (12'10")	HD R3.2DB/R3.2DB (10'6")	HD R2.8DB (9'2")	M2.55TB (8'4")	M2.15TB (7'1")
<b>1</b> Maximum Digging Depth	8210 mm (26'11")	7510 mm (24'8")	7110 mm (23'4")	6670 mm (21'11")	6270 mm (20'7")
<b>2</b> Maximum Reach at Ground Level	11 760 mm (38'7")	11 050 mm (36'3")	10 750 mm (35'3")	10 280 mm (33'9")	9850 mm (32'4")
<b>3</b> Maximum Cutting Height	10 730 mm (35'2")	10 250 mm (33'8")	10 320 mm (33'10")	9990 mm (32'9")	9640 mm (31'8")
<b>4</b> Maximum Loading Height	7510 mm (24'8")	7080 mm (23'3")	7080 mm (23'3")	6600 mm (21'8")	6310 mm (20'8")
<b>5</b> Minimum Loading Height	1880 mm (6'2")	2580 mm (8'6")	2980 mm (9'9")	2900 mm (9'6")	3300 mm (10'10")
<b>6</b> Maximum Depth Cut for 2440 mm (8'0") Level Bottom	8080 mm (26'6")	7360 mm (24'2")	6950 mm (22'10")	6490 mm (21'4")	6060 mm (19'11")
<b>7</b> Maximum Vertical Wall Digging Depth	6290 mm (20'8")	5420 mm (17'9")	5400 mm (17'9")	4700 mm (15'5")	4060 mm (13'4")

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## Major Component Weights

Lower Structure (without counterweight and track)	
Standard Undercarriage	8200 kg (18,100 lb)
Long Undercarriage	8700 kg (19,200 lb)
Upper Structure (without front linkage)	
For 5.2 mt (5.7 t) Counterweight	9700 kg (21,400 lb)
For 5.35 mt (5.9 t) Counterweight	9700 kg (21,400 lb)
Counterweight	
5.2 mt (5.7 t)	5200 kg (11,500 lb)
5.35 mt (5.9 t)	5400 kg (11,900 lb)
Boom (includes lines, pins and stick cylinder)	
HD Reach Boom – 6.5 m (21'4")	4200 kg (9,300 lb)
Mass Boom – 6.18 m (20'3")	4000 kg (8,800 lb)
Stick (includes lines, pins and bucket cylinder)	
R3.9DB (12'10")	2100 kg (4,600 lb)
R3.2DB (10'6")	1800 kg (4,000 lb)
HD R3.2DB (10'6")	2000 kg (4,400 lb)
HD R2.8DB (9'2")	1900 kg (4,200 lb)
M2.55TB (8'4")	2000 kg (4,400 lb)
M2.15TB (7'1")	1900 kg (4,200 lb)
Track Shoe	
Standard Undercarriage	
600 mm (24") Triple Grouser	3700 kg (8,200 lb)
600 mm (24") Double Grouser	4500 kg (9,900 lb)
800 mm (32") Triple Grouser	4700 kg (10,400 lb)
Long Undercarriage	
600 mm (24") Triple Grouser	4100 kg (9,000 lb)
600 mm (24") Double Grouser	4900 kg (10,800 lb)
700 mm (28") Triple Grouser	4400 kg (9,700 lb)
800 mm (32") Triple Grouser	5100 kg (11,200 lb)

\*Base machine includes 75 kg (165 lb) operator weight and 90% fuel weight, and undercarriage with center guard.

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## Operating Weights and Ground Pressures

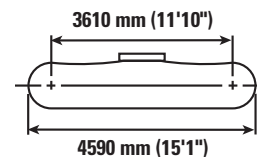
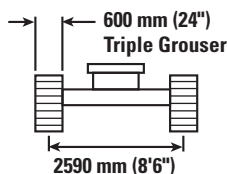
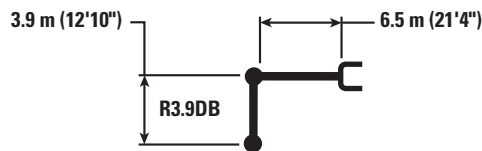
336D2 XE – Standard Undercarriage – Counterweight 5.2 mt (5.7 t)								
	600 mm (24 in) Triple Grouser Shoes		600 mm (24 in) Double Grouser Shoes		800 mm (32 in) Triple Grouser Shoes			
	HD Reach Boom – 6.5 m (21'4")							
R3.9DB (12'10")	34 700 kg (76,500 lb)	71.8 kPa (10.4 psi)	35 400 kg (78,000 lb)	73.2 kPa (10.6 psi)	35 600 kg (78,500 lb)	55.2 kPa (8.0 psi)		
R3.2DB (10'6")	34 400 kg (75,800 lb)	71.2 kPa (10.3 psi)	35 200 kg (77,600 lb)	72.8 kPa (10.6 psi)	35 400 kg (78,000 lb)	54.9 kPa (8.0 psi)		
HD R3.2DB (10'6")	34 600 kg (76,300 lb)	71.6 kPa (10.4 psi)	35 400 kg (78,000 lb)	73.2 kPa (10.6 psi)	35 500 kg (78,300 lb)	55.1 kPa (8.0 psi)		
HD R2.8DB (9'2")	34 500 kg (76,100 lb)	71.4 kPa (10.4 psi)	35 300 kg (77,800 lb)	73.0 kPa (10.6 psi)	35 400 kg (78,000 lb)	54.9 kPa (8.0 psi)		
Mass Boom – 6.18 m (20'3")								
M2.55TB (8'4")	35 200 kg (77,600 lb)	72.8 kPa (10.6 psi)	35 900 kg (79,100 lb)	74.3 kPa (10.8 psi)	36 100 kg (79,600 lb)	56.0 kPa (8.1 psi)		
M2.15TB (7'1")	35 100 kg (77,400 lb)	72.6 kPa (10.5 psi)	35 900 kg (79,100 lb)	74.3 kPa (10.8 psi)	36 000 kg (79,400 lb)	55.8 kPa (8.1 psi)		
336D2 L XE – Long Undercarriage – Counterweight 5.2 mt (5.7 t)								
	600 mm (24 in) Triple Grouser Shoes		600 mm (24 in) Double Grouser Shoes		700 mm (28 in) Triple Grouser Shoes		800 mm (32 in) Triple Grouser Shoes	
	HD Reach Boom 6.5 m (21'4")							
R3.9DB (12'10")	35 500 kg (78,300 lb)	66.1 kPa (9.6 psi)	36 400 kg (80,200 lb)	67.8 kPa (9.8 psi)	35 900 kg (79,100 lb)	57.3 kPa (8.3 psi)	36 500 kg (80,500 lb)	51.0 kPa (7.4 psi)
R3.2DB (10'6")	35 300 kg (77,800 lb)	65.8 kPa (9.5 psi)	36 100 kg (79,600 lb)	67.3 kPa (9.8 psi)	35 600 kg (78,500 lb)	56.9 kPa (8.2 psi)	36 300 kg (80,000 lb)	50.7 kPa (7.4 psi)
HD R3.2DB (10'6")	35 500 kg (78,300 lb)	66.1 kPa (9.6 psi)	36 300 kg (80,000 lb)	67.6 kPa (9.8 psi)	35 800 kg (78,900 lb)	57.2 kPa (8.3 psi)	36 500 kg (80,500 lb)	51.0 kPa (7.4 psi)
HD R2.8DB (9'2")	35 300 kg (77,800 lb)	65.8 kPa (9.5 psi)	36 200 kg (79,800 lb)	67.5 kPa (9.8 psi)	35 700 kg (78,700 lb)	57.0 kPa (8.3 psi)	36 400 kg (80,200 lb)	50.9 kPa (7.4 psi)
Mass Boom – 6.18 m (20'3")								
M2.55TB (8'4")	36 000 kg (79,400 lb)	67.1 kPa (9.7 psi)	36 900 kg (81,400 lb)	68.8 kPa (10.0 psi)	36 400 kg (80,200 lb)	58.1 kPa (8.4 psi)	37 000 kg (81,600 lb)	51.7 kPa (7.5 psi)
M2.15TB (7'1")	36 000 kg (79,400 lb)	67.1 kPa (9.7 psi)	36 800 kg (81,100 lb)	68.6 kPa (9.9 psi)	36 300 kg (80,000 lb)	58.0 kPa (8.4 psi)	37 000 kg (81,600 lb)	51.7 kPa (7.5 psi)
















## Bucket and Stick Digging Forces

	HD Reach Boom – 6.5 m (21'4")			Mass Boom – 6.18 m (20'3")	
	R3.9DB (12'10")	HD R3.2DB (10'6")	HD R2.8DB (9'2")	M2.55TB (8'4")	M2.15TB (7'1")
<b>Heavy-Duty Bucket</b>					
Bucket Digging Force (ISO)	211 kN (47,460 lbf)	211 kN (47,460 lbf)	211 kN (47,460 lbf)	265 kN (59,570 lbf)	265 kN (59,570 lbf)
Bucket Digging Force (SAE)	185 kN (41,440 lbf)	185 kN (41,440 lbf)	185 kN (41,440 lbf)	229 kN (51,410 lbf)	229 kN (51,410 lbf)
Stick Digging Force (ISO)	145 kN (32,600 lbf)	167 kN (37,520 lbf)	186 kN (41,760 lbf)	191 kN (42,880 lbf)	222 kN (49,950 lbf)
Stick Digging Force (SAE)	141 kN (31,700 lbf)	162 kN (36,360 lbf)	179 kN (40,320 lbf)	183 kN (41,130 lbf)	212 kN (47,630 lbf)

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## HD Reach Boom Lift Capacities – Standard Undercarriage – Counterweight: 5.2 mt (5.7 t)



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in				mm in	
																	
9000 mm 360 in	kg lb														*5650 *12,600	*5650 *12,600	7370 290
7500 mm 300 in	kg lb									*6850 *15,150	*6850 14,950				*5250 *11,600	*5250 *11,600	8560 340
6000 mm 240 in	kg lb									*7100 *15,550	6850 14,700	6750 *13,350	4950 10,550	*5100 *11,200	4600 10,150	9360 370	
4500 mm 180 in	kg lb							*8700 *18,900	*8700 *18,900	*7800 *16,900	6550 14,100	6650 14,200	4850 10,350	*5100 *11,200	4100 9,000	9860 390	
3000 mm 120 in	kg lb					*13 650 *29,350	13 450 29,050	*10 300 *22,300	8750 18,800	8600 18,450	6200 13,400	6450 13,800	4650 9,950	*5250 *11,500	3800 8,350	10 120 400	
1500 mm 60 in	kg lb					*16 450 *35,450	12 250 26,400	11 500 24,800	8100 17,500	8250 17,700	5900 12,650	6250 13,400	4450 9,600	5200 11,400	3700 8,100	10 150 400	
0 mm 0 in	kg lb			*7600 *17,300	*7600 *17,300	17 400 37,300	11 550 24,900	11 050 23,700	7700 16,500	7950 17,050	5600 12,050	6100 13,050	4300 9,250	5250 11,550	3700 8,200	9950 400	
-1500 mm -60 in	kg lb	*7950 *17,750	*7950 *17,750	*12 000 *27,150	*12 000 *27,150	17 100 36,650	11 300 24,300	10 800 23,150	7450 16,000	7750 16,700	5450 11,700	6000 12,900	4250 9,100	5550 12,250	3950 8,650	9510 380	
-3000 mm -120 in	kg lb	*12 750 *28,550	*12 750 *28,550	*17 650 *39,900	*17 650 *39,900	17 100 36,650	11 350 24,350	10 700 23,050	7400 15,900	7750 16,650	5400 11,650			6250 13,800	4400 9,750	8790 350	
-4500 mm -180 in	kg lb	*18 400 *41,400	*18 400 *41,400	*21 350 *46,000	*21 350 *46,000	*15 400 *33,150	11 550 24,900	10 850 23,400	7550 16,250	7900 17,050	5550 12,050			7600 17,000	5400 12,000	7710 310	
-6000 mm -240 in	kg lb					*11 650 *24,500	*11 650 *24,500	*8250	7950					*8000 *17,500	7800 *17,500	6090 240	



ISO 10567



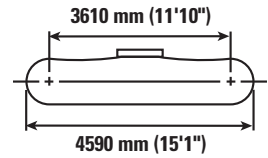
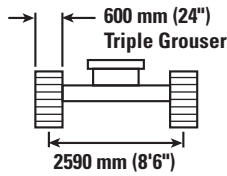
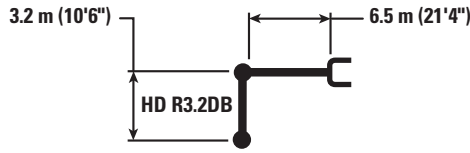
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.














Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## HD Reach Boom Lift Capacities – Standard Undercarriage – Counterweight: 5.2 mt (5.7 t)



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in				
														mm in
7500 mm 300 in	kg lb							*7750	6700			*6700	6400	7710
6000 mm 240 in	kg lb							*7850	6650			*6500	5200	8580
								<b>*17,200</b>	<b>14,250</b>			<b>*14,300</b>	<b>11,600</b>	<b>340</b>
4500 mm 180 in	kg lb			*12 050	*12 050	*9650	9100	*8450	6400	6500	4700	6350	4600	9130
						<b>*20,850</b>	<b>19,600</b>	<b>*18,350</b>	<b>13,750</b>			<b>14,000</b>	<b>10,100</b>	<b>360</b>
3000 mm 120 in	kg lb			*15 200	12 900	*11 150	8500	8450	6100	6350	4550	5900	4250	9410
				<b>*32,650</b>	<b>27,850</b>	<b>*24,100</b>	<b>18,300</b>	<b>18,150</b>	<b>13,100</b>	<b>13,600</b>	<b>9,800</b>	<b>13,000</b>	<b>9,350</b>	<b>370</b>
1500 mm 60 in	kg lb			*17 500	11 900	11 350	7950	8150	5800	6200	4400	5750	4100	9440
				<b>*37,700</b>	<b>25,650</b>	<b>24,400</b>	<b>17,150</b>	<b>17,500</b>	<b>12,450</b>	<b>13,300</b>	<b>9,500</b>	<b>12,650</b>	<b>9,050</b>	<b>380</b>
0 mm 0 in	kg lb			17 250	11 500	10 950	7600	7900	5600	6100	4300	5900	4150	9220
				<b>37,050</b>	<b>24,700</b>	<b>23,550</b>	<b>16,400</b>	<b>17,000</b>	<b>12,000</b>	<b>13,100</b>	<b>9,250</b>	<b>12,900</b>	<b>9,150</b>	<b>370</b>
-1500 mm -60 in	kg lb	*13 250	*13 250	17 200	11 400	10 800	7450	7800	5500			6300	4450	8750
		<b>*29,900</b>	<b>*29,900</b>	<b>36,800</b>	<b>24,500</b>	<b>23,200</b>	<b>16,100</b>	<b>16,800</b>	<b>11,800</b>			<b>13,900</b>	<b>9,850</b>	<b>350</b>
-3000 mm -120 in	kg lb	*20 900	*20 900	*16 550	11 500	10 850	7500	7850	5550			7250	5150	7960
		<b>*47,350</b>	<b>*47,350</b>	<b>*35,800</b>	<b>24,750</b>	<b>23,300</b>	<b>16,150</b>	<b>16,900</b>	<b>11,950</b>			<b>16,050</b>	<b>11,350</b>	<b>320</b>
-4500 mm -180 in	kg lb	*18 550	*18 550	*13 950	11 850	*10 550	7750					*8900	6650	6750
		<b>*39,900</b>	<b>*39,900</b>	<b>*30,000</b>	<b>25,500</b>	<b>*22,450</b>	<b>16,700</b>					<b>*19,550</b>	<b>14,850</b>	<b>270</b>



ISO 10567



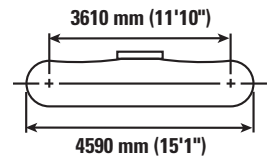
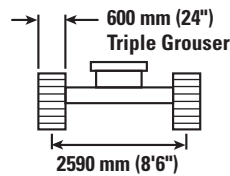
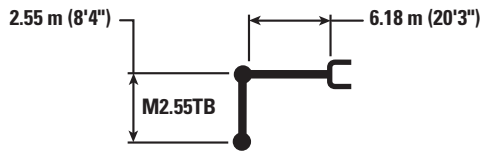
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.












Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## Mass Boom Lift Capacities – Standard Undercarriage – Counterweight: 5.2 mt (5.7 t)



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in
												
7500 mm 300 in	kg lb					*9250 *20,450	*9250 *20,450			*8300 *18,400	8100 18,350	6590 260
6000 mm 240 in	kg lb					*9600 *20,850	9400 20,200	8800	6450	*7900 *17,450	6300 14,000	7600 300
4500 mm 180 in	kg lb			*13 400 *28,750	*13 400 *28,750	*10 650 *23,050	8950 19,250	8650 18,550	6300 13,500	7450 16,450	5400 11,900	8210 330
3000 mm 120 in	kg lb			*16 350 *35,150	12 650 27,350	11 800 25,350	8400 18,050	8350 18,000	6050 12,950	6850 15,100	4950 10,900	8520 340
1500 mm 60 in	kg lb			17 700 37,950	11 850 25,550	11 300 24,300	7900 17,050	8100 17,450	5800 12,450	6700 14,700	4800 10,500	8550 340
0 mm 0 in	kg lb			17 350 37,250	11 600 24,900	11 000 23,650	7650 16,500	7950 17,100	5650 12,100	6900 15,150	4900 10,800	8310 330
-1500 mm -60 in	kg lb	*16 900 *38,350	*16 900 *38,350	17 400 37,250	11 600 24,900	10 900 23,500	7600 16,350	7950 17,100	5600 12,100	7550 16,650	5350 11,850	7780 310
-3000 mm -120 in	kg lb	*19 950 *43,300	*19 950 *43,300	*15 350 *33,200	11 800 25,400	11 050 23,850	7750 16,650			9150 20,250	6450 14,350	6880 270
-4500 mm -180 in	kg lb			*11 250 *23,800	*11 250 *23,800					*8900 *19,450	*8900 *19,450	5430 210



ISO 10567



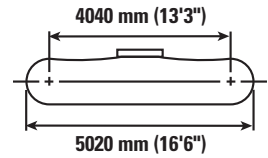
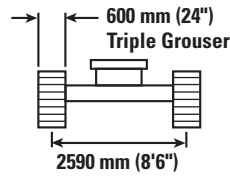
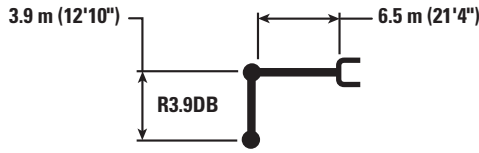
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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## HD Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 5.2 mt (5.7 t)



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
9000 mm 360 in	kg lb													*5650 *12,600	*5650 *12,600	7370 290
7500 mm 300 in	kg lb									*6850 *15,150	*6850 *15,150			*5250 *11,600	*5250 *11,600	8560 340
6000 mm 240 in	kg lb									*7100 *15,550	7000 15,000	*6900 *13,350	5050 10,800	*5100 *11,200	4700 10,400	9360 370
4500 mm 180 in	kg lb							*8700 *18,900	*8700 *18,900	*7800 *16,900	6700 14,450	*7250 *15,850	4950 10,600	*5100 *11,200	4200 9,250	9860 390
3000 mm 120 in	kg lb					*13 650 *29,350	*13 650 *29,350	*10 300 *22,300	8950 19,250	*8650 *18,750	6350 13,700	7600 16,300	4750 10,200	*5250 *11,500	3900 8,600	10 120 400
1500 mm 60 in	kg lb					*16 450 *35,450	12 550 27,000	*11 850 *25,550	8300 17,900	*9500 *20,600	6050 12,950	7400 15,900	4600 9,850	*5550 *12,150	3800 8,300	10 150 400
0 mm 0 in	kg lb			*7600 *17,300	*7600 *17,300	*17 900 *38,650	11 850 25,500	*12 900 *27,850	7850 16,950	9500 20,400	5750 12,400	7250 15,550	4450 9,500	*6000 *13,250	3800 8,400	9950 400
-1500 mm -60 in	kg lb	*7950 *17,750	*7950 *17,750	*12 000 *27,150	*12 000 *27,150	*18 100 *39,200	11 600 24,950	13 050 28,050	7650 16,400	9300 20,000	5600 12,050	7150 15,400	4350 9,350	6650 14,600	4050 8,900	9510 380
-3000 mm -120 in	kg lb	*12 750 *28,550	*12 750 *28,550	*17 650 *39,900	*17 650 *39,900	*17 300 *37,450	11 600 24,950	*12 950 27,900	7600 16,350	9250 19,950	5550 12,000			7450 16,450	4550 10,000	8790 350
-4500 mm -180 in	kg lb	*18 400 *41,400	*18 400 *41,400	*21 350 *46,000	*21 350 *46,000	*15 400 *33,150	11 850 25,500	*11 650 *25,000	7700 16,650	*8700 *18,350	5700 12,400			*8300 *18,200	5550 12,350	7710 310
-6000 mm -240 in	kg lb					*11 650 *24,500	*11 650 *24,500	*8250	8150					*8000 *17,500	*8000 *17,500	6090 240



ISO 10567



\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

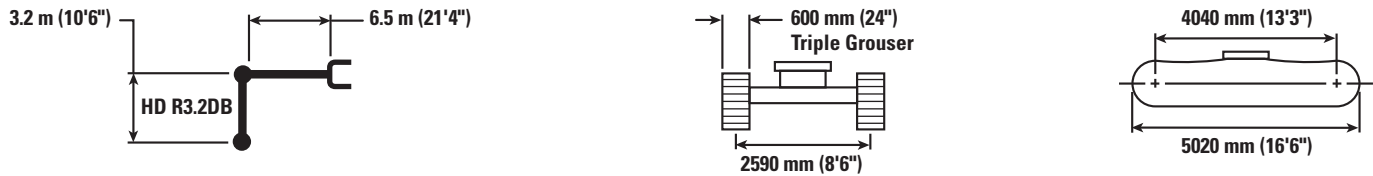
Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.



# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## HD Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 5.2 mt (5.7 t)



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb							*7750	6850			*6700	6550	7710
6000 mm 240 in	kg lb							*7850	6800			*6500	5350	8580
								<b>*17,200</b>	<b>14,550</b>			<b>*14,300</b>	<b>11,900</b>	<b>340</b>
4500 mm 180 in	kg lb			*12 050	*12 050	*9650	9300	*8450	6550	7650	4800	*6550	4700	9130
				<b>*20,850</b>	<b>20,050</b>	<b>*18,350</b>	<b>14,050</b>					<b>*14,350</b>	<b>10,400</b>	<b>360</b>
3000 mm 120 in	kg lb			*15 200	13 200	*11 150	8700	*9200	6250	7500	4700	*6800	4350	9410
				<b>*32,650</b>	<b>28,450</b>	<b>*24,100</b>	<b>18,700</b>	<b>*19,950</b>	<b>13,400</b>	<b>16,100</b>	<b>10,050</b>	<b>*14,900</b>	<b>9,600</b>	<b>370</b>
1500 mm 60 in	kg lb			*17 500	12 200	*12 450	8150	9700	5950	7350	4550	6850	4200	9440
				<b>*37,700</b>	<b>26,250</b>	<b>*26,950</b>	<b>17,550</b>	<b>20,800</b>	<b>12,800</b>	<b>15,800</b>	<b>9,750</b>	<b>15,050</b>	<b>9,250</b>	<b>380</b>
0 mm 0 in	kg lb			*18 250	11 750	*13 250	7800	9450	5750	7250	4450	7000	4300	9220
				<b>*39,500</b>	<b>25,300</b>	<b>28,450</b>	<b>16,800</b>	<b>20,300</b>	<b>12,300</b>	<b>15,550</b>	<b>9,550</b>	<b>15,350</b>	<b>9,400</b>	<b>370</b>
-1500 mm -60 in	kg lb	*13 250	*13 250	*17 850	11 700	13 100	7650	9350	5650			7500	4600	8750
		<b>*29,900</b>	<b>*29,900</b>	<b>*38,700</b>	<b>25,100</b>	<b>28,100</b>	<b>16,500</b>	<b>20,050</b>	<b>12,100</b>			<b>16,550</b>	<b>10,100</b>	<b>350</b>
-3000 mm -120 in	kg lb	*20 900	*20 900	*16 550	11 800	*12 600	7700	9400	5700			8650	5250	7960
		<b>*47,350</b>	<b>*47,350</b>	<b>*35,800</b>	<b>25,400</b>	<b>*27,150</b>	<b>16,550</b>	<b>20,200</b>	<b>12,250</b>			<b>19,150</b>	<b>11,650</b>	<b>320</b>
-4500 mm -180 in	kg lb	*18 550	*18 550	*13 950	12 150	*10 550	7950					*8900	6800	6750
		<b>*39,900</b>	<b>*39,900</b>	<b>*30,000</b>	<b>26,150</b>	<b>*22,450</b>	<b>17,150</b>					<b>*19,550</b>	<b>15,200</b>	<b>270</b>



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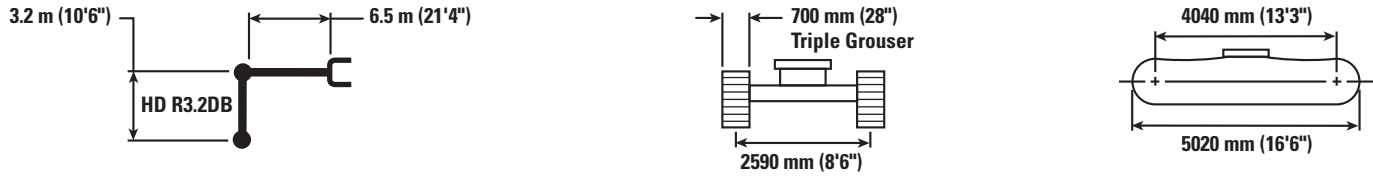
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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## HD Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 5.2 mt (5.7 t)



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in				
													mm in	
7500 mm 300 in	kg lb							*7750	6900			*6700	6600	7710
												*14,800	*14,800	300
6000 mm 240 in	kg lb							*7850	6850			*6500	5400	8580
								*17,200	14,700			*14,300	12,000	340
4500 mm 180 in	kg lb			*12 050	*12 050	*9650	9350	*8450	6600	*7700	4850	*6550	4750	9130
				*32,650	28,700	*24,100	18,900	*18,350	14,200			*14,350	10,450	360
3000 mm 120 in	kg lb			*15 200	13 300	*11 150	8750	*9200	6300	7600	4750	*6800	4400	9410
				*32,650	28,700	*24,100	18,900	*19,950	13,550	16,250	10,150	*14,900	9,650	370
1500 mm 60 in	kg lb			*17 500	12 300	*12 450	8200	9750	6000	7400	4600	6900	4250	9440
				*37,700	26,500	*26,950	17,700	21,000	12,900	15,950	9,850	15,200	9,350	380
0 mm 0 in	kg lb			*18 250	11 900	*13 250	7900	9550	5800	7300	4500	7050	4350	9220
				*39,500	25,550	*28,650	16,950	20,500	12,450	15,700	9,600	15,500	9,500	370
-1500 mm -60 in	kg lb	*13 250	*13 250	*17 850	11 800	13 200	7750	9400	5700			7600	4650	8750
		*29,900	*29,900	*38,700	25,350	28,350	16,650	20,250	12,250			16,700	10,200	350
-3000 mm -120 in	kg lb	*20 900	*20 900	*16 550	11 900	*12 600	7750	9450	5750			8750	5300	7960
		*47,350	*47,350	*35,800	25,600	*27,150	16,750	20,400	12,350			19,350	11,800	320
-4500 mm -180 in	kg lb	*18 550	*18 550	*13 950	12 250	*10 550	8000					*8900	6850	6750
		*39,900	*39,900	*30,000	26,350	*22,450	17,300					*19,550	15,350	270



ISO 10567



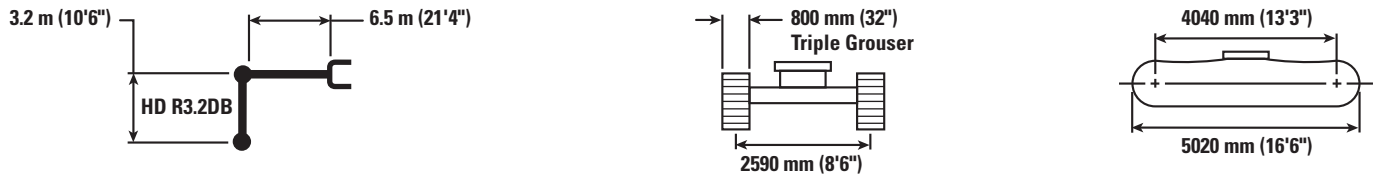
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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## HD Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 5.2 mt (5.7 t)



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in				
														mm in
7500 mm 300 in	kg lb							*7750	7050			*6700	*6700	7710 300
6000 mm 240 in	kg lb							*7850	6950			*6500	5500	8580 340
								<b>*17,200</b>	<b>14,950</b>			<b>*14,300</b>	<b>12,200</b>	
4500 mm 180 in	kg lb			*12 050	*12 050	*9650	9550	*8450	6700	*7700	4950	*6550	4850	9130 360
						<b>*20,850</b>	<b>20,550</b>	<b>*18,350</b>	<b>14,450</b>			<b>*14,350</b>	<b>10,700</b>	
3000 mm 120 in	kg lb			*15 200	13 550	*11 150	8900	*9200	6400	7750	4800	*6800	4500	9410 370
				<b>*32,650</b>	<b>29,200</b>	<b>*24,100</b>	<b>19,200</b>	<b>*19,950</b>	<b>13,800</b>	<b>16,600</b>	<b>10,350</b>	<b>*14,900</b>	<b>9,850</b>	
1500 mm 60 in	kg lb			*17 500	12 550	*12 450	8400	*9950	6100	7550	4700	7050	4350	9440 380
				<b>*37,700</b>	<b>27,000</b>	<b>*26,950</b>	<b>18,050</b>	<b>21,400</b>	<b>13,150</b>	<b>16,250</b>	<b>10,050</b>	<b>15,500</b>	<b>9,550</b>	
0 mm 0 in	kg lb			*18 250	12 100	*13 250	8050	9700	5900	7450	4550	7200	4400	9220 370
				<b>*39,500</b>	<b>26,050</b>	<b>*28,650</b>	<b>17,300</b>	<b>20,900</b>	<b>12,700</b>	<b>16,050</b>	<b>9,850</b>	<b>15,850</b>	<b>9,700</b>	
-1500 mm -60 in	kg lb	*13 250	*13 250	*17 850	12 000	*13 300	7900	9600	5800			7750	4750	8750 350
		<b>*29,900</b>	<b>*29,900</b>	<b>*38,700</b>	<b>25,850</b>	<b>*28,800</b>	<b>17,000</b>	<b>20,700</b>	<b>12,500</b>			<b>17,050</b>	<b>10,400</b>	
-3000 mm -120 in	kg lb	*20 900	*20 900	*16 550	12 150	*12 600	7950	9650	5850			*8850	5450	7960 320
		<b>*47,350</b>	<b>*47,350</b>	<b>*35,800</b>	<b>26,100</b>	<b>*27,150</b>	<b>17,050</b>	<b>*20,800</b>	<b>12,600</b>			<b>*19,550</b>	<b>12,000</b>	
-4500 mm -180 in	kg lb	*18 550	*18 550	*13 950	12 500	*10 550	8150					*8900	7000	6750 270
		<b>*39,900</b>	<b>*39,900</b>	<b>*30,000</b>	<b>26,850</b>	<b>*22,450</b>	<b>17,650</b>					<b>*19,550</b>	<b>15,650</b>	



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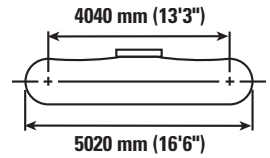
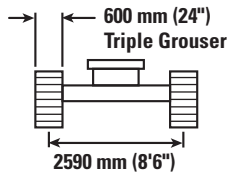
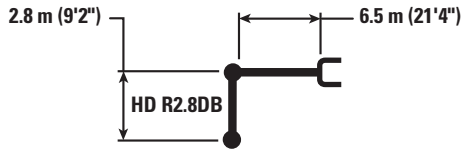
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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## HD Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 5.2 mt (5.7 t)



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb											*8400 *18,550	7000 15,800	7340 290
6000 mm 240 in	kg lb					*9000 *19,500	*9000 *19,500	*8350 *18,250	6750 14,400			*8150 *18,000	5650 12,600	8250 330
4500 mm 180 in	kg lb			*13 000 *27,850	*13 000 *27,850	*10 200 *22,050	9200 19,800	*8850 *19,200	6500 14,000			7900 17,400	4950 10,950	8820 350
3000 mm 120 in	kg lb			*16 100 *34,600	12 950 27,950	*11 650 *25,150	8600 18,550	*9550 *20,700	6200 13,400	7500 4700		7350 16,200	4600 10,100	9110 360
1500 mm 60 in	kg lb			*15 900 *38,700	12 100 26,050	*12 850 *27,750	8100 17,500	9700 20,800	5950 12,800	7350 4550		7200 15,850	4450 9,800	9140 360
0 mm 0 in	kg lb			*18 300 *39,700	11 800 25,400	13 250 28,500	7850 16,900	9500 20,400	5750 12,400			7400 16,250	4550 10,000	8920 350
-1500 mm -60 in	kg lb	*12 350 *28,100	*12 350 *28,100	*17 650 *38,250	11 800 25,400	13 150 28,250	7750 16,650	9400 20,250	5700 12,300			8000 17,650	4900 10,800	8420 340
-3000 mm -120 in	kg lb	*21 050 *45,750	*21 050 *45,750	*16 000 *34,700	12 000 25,800	*12 300 *26,550	7800 16,850	*9300 20,500	5800			*9050 *19,950	5750 12,700	7600 300
-4500 mm -180 in	kg lb	*16 750 *35,950	*16 750 *35,950	*13 000 *27,850	12 400 26,650	*9650 *20,250	8150 17,650					*8800 *19,350	7600 17,100	6330 250



ISO 10567



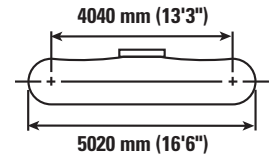
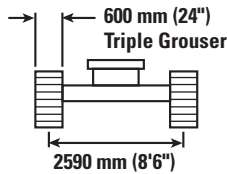
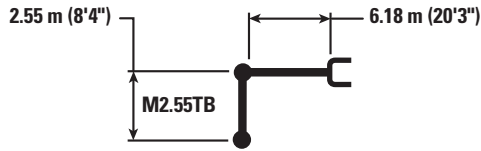
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








Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336D2 XE/D2 L XE Hydraulic Excavator Specifications

## Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 5.2 mt (5.7 t)



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
												mm in
7500 mm 300 in	kg lb					*9250 *20,450	*9250 *20,450			*8300 *18,400	8300 *18,400	6590 260
6000 mm 240 in	kg lb					*9600 *20,850	9600 20,600	*9050	6600	*7900 *17,450	6450 14,350	7600 300
4500 mm 180 in	kg lb			*13 400 *28,750	*13 400 *28,750	*10 650 *23,050	9100 19,650	*9300 *20,300	6450 13,800	*7900 *17,400	5500 12,200	8210 330
3000 mm 120 in	kg lb			*16 350 *35,150	12 950 27,950	*11 950 *25,900	8550 18,500	*9900 21,300	6150 13,250	8100 17,900	5050 11,150	8520 340
1500 mm 60 in	kg lb			*18 200 *39,250	12 150 26,150	*13 050 *28,250	8100 17,500	9650 20,750	5950 12,750	7950 17,450	4900 10,800	8550 340
0 mm 0 in	kg lb			*18 350 *39,800	11 850 25,500	13 250 28,500	7850 16,900	9500 20,400	5800 12,450	8200 18,000	5050 11,050	8310 330
-1500 mm -60 in	kg lb	*16 900 *38,350	*16 900 *38,350	*17 450 *37,800	11 900 25,550	*13 200 28,350	7800 16,750	9450 20,400	5750 12,450	9000 19,850	5500 12,150	7780 310
-3000 mm -120 in	kg lb	*19 950 *43,300	*19 950 *43,300	*15 350 *33,200	12 100 26,000	*11 700 *25,100	7900 17,100			*9650 *21,200	6650 14,700	6880 270
-4500 mm -180 in	kg lb			*11 250 *23,800	*11 250 *23,800					*8900 *19,450	*8900 *19,450	5430 210



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\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336D2 XE/D2 L XE Standard Equipment

## Standard Equipment

Standard equipment may vary. Consult your Cat dealer for details.

### ENGINE

- Cat C9 engine
- 2300 m (7,546 ft) altitude capability
- 65 amp alternator
- Air intake heater
- High power version with Power Management Mode
- Radial seal air filters (primary and secondary filter)
- Automatic engine speed control
- Water separator with water level indicator sensor
- Waved fin radiator with space for cleaning
- Two-speed travel
- Two (2) micron fuel filters
- Electric priming pump

### HYDRAULIC SYSTEM

- Capability of installing additional valves and circuits
- Regeneration circuits for boom and stick
- Reverse swing damping valve
- Automatic swing parking brake
- Bio-oil capability
- Fine swing control

### CAB

- Air suspension seat, with head rest and seat heater
- Retractable seat belt (51 mm [2 in]; 76 mm [3 in] width)
- 70/30 split front windshield
- Laminated upper front windshield and tempered other windows
- Sliding upper door window
- Bi-level air conditioner (automatic) with defroster (pressurized cab)
- Color LCD display with warning, filter/fluid change, and working hour information
- Neutral lever (lock out) for all controls
- Travel control pedals with removable hand levers
- Radio mounting (DIN size)
- 12V-10A power supply with two (2) cigar lighter type sockets
- Two stereo speakers
- Beverage holder
- Coat hook, ashtray, literature holder
- Openable roof hatch
- Washable floor mat

### UNDERCARRIAGE

- Idler and center section track guiding guards
- Towing eye on base frame
- Grease lubricated track GLT2, resin seal

### ELECTRICAL

- Circuit breaker
- Light, boom mounted, left and right
- Light, storage box mounted

### SAFETY AND SECURITY

- Cat one key security system
- Door and compartment locks
- Signaling/warning horn
- Rearview mirrors
- Emergency engine shutoff switch
- Emergency exit rear window
- Capability to connect a beacon

### COUNTERWEIGHT

- 5.2 mt (5.7 t) counterweight

## Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

### FRONT PARTS

- Heavy duty Reach boom 6.5 m (21'4")
  - R3.9DB stick
  - R3.2DB stick
  - HD R3.2DB stick
  - HD R2.8DB stick
- Mass Excavation boom
  - M2.55TB stick
  - M2.15TB stick
- Bucket linkage
  - DB Bucket linkage (with/without lifting eye)
  - TB Bucket linkage (with lifting eye)

### UNDERCARRIAGE

- Standard undercarriage
- Long undercarriage
- Heavy duty bottom guard
- Standard/HD Swivel guard
- HD Travel motor guard
- Full length track guiding guards
- FOGS (bolt-on)
- 600 mm (24 in) Double Grouser tracks
- 600 mm, 700 mm, 800 mm (24 in, 28 in, 32 in) Triple Grouser tracks

### HYDRAULICS

- Boom and Stick High pressure lines
- Boom and Stick Medium pressure lines
- Boom, Stick and Bucket Quick coupler lines
- Boom/Stick lowering control device
- Quick coupler circuit

### CAB

- Mechanical suspension seat, with head rest
- AM/FM radio

### COUNTERWEIGHT

- 5.35 mt (5.9 t) counterweight

### OTHER OPTIONAL EQUIPMENT

- Travel alarm
- Starting kit, cold weather
- Electric refueling pump with auto shut off

### INTEGRATED TECHNOLOGIES

- Rearview camera
- AccuGrade ready attachment
- Cat Product Link

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

AEHQ7326-01 (01-2015)  
Replaces AEHQ7326

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