336D2 XE/D2 L XE

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

Weights		
Operating Weight – Standard Undercarriage	34 700 kg-35 500 kg	76,500 lb-78,300 lb
Operating Weight – Long Undercarriage	35 400 kg-37 200 kg	78,000 lb-82,000 lb

336D2 XE/D2 L XE Differentiating Features

Engine and Hydraulics
The Cat C9 ACERT meets U.S. EPA Tier 3, EU Stage IIIA equivalent and meets China Stage III Nonroad 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.

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.

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

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 ACERT engine has been designed to meet U.S. EPA Tier 3, EU Stage IIIA equivalent, and China Nonroad III emission standards. The engine incorporates proven robust components and precision manufacturing for reliable and efficient operation.

Isochronous Control

The Isochronous engine speed control improves fuel efficiency and reduces fuel consumption and noise levels by managing pump and engine speed.

Filtration System

The engine features an improved 3-stage filtration system to ensure reliability even with less-than-quality fuel.

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

Electric Fuel Priming Pump

Electric priming pump eliminates the need for manual priming and reduces the risk of fuel contamination by preventing unfiltered fuel from being backfilled during filter changes.

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

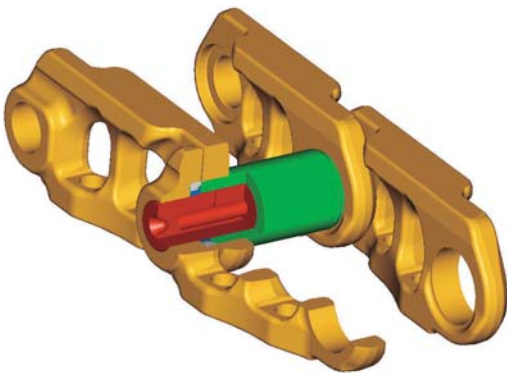
Standard undercarriage is well suited for applications that require frequent machine repositioning; it's also a good choice for restricted work spaces or uneven rocky terrain.

Long Undercarriage

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

Counterweight

The standard 5.35 mt (5.9 t) counterweight is available. It's designed to match the height of the machine and is built with thick steel plates and reinforced fabrications to make it less susceptible to damage. Its curved surfaces match the machine's sleek, smooth appearance.

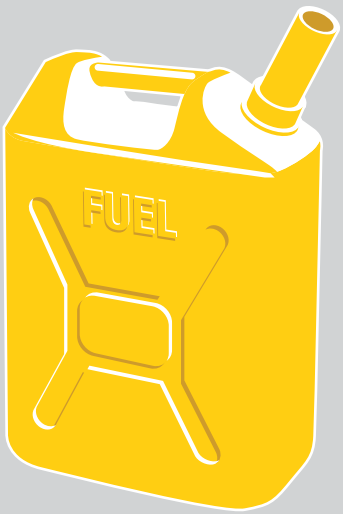


Undercarriage

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

High fuel efficiency was achieved with more than 300 patents for the technologies in this machine.

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 with Cat proven standard hydraulic components is a simple, reliable, and cost-effective solution that will help significantly reduce cost per ton, machine can still operate even if hybrid system doesn't. Technicians will require very little specialized training to service these machines and will not have to add high-voltage services.

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. Booms and sticks are stress-relieved for added 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.

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.

Wiring Harness and Routing

Industrial-grade electrical wiring resists dust, water, and vibration. The wires are color coded and numbered to facilitate troubleshooting in case of an issue. The navy-type electrical braiding over the wiring is flame resistant and properly secured by bolts, adding extra protection to the electrical system.

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.

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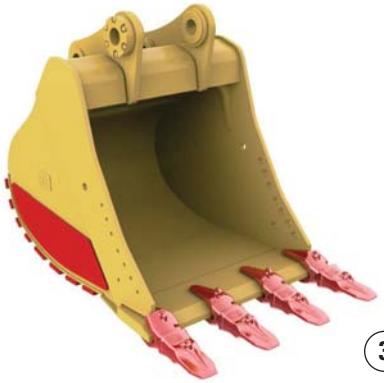

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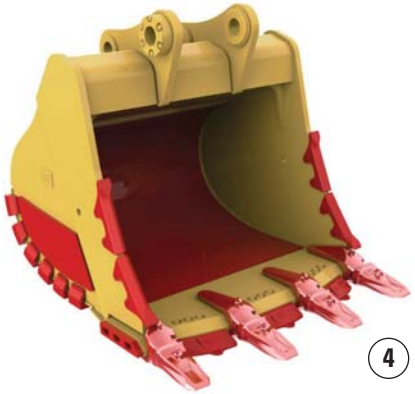

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Versatility and Performance

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.

Safety

Features to help protect you day in and day out.

Clear View

Optional rearview camera systems improve rearward and right-hand-side visibility, giving a clear view to the back side of the machine.

This not only improves job site safety, but also enhances productivity and helps to maintain the asset value of your machine.

Hydraulic Lockout Lever

The standard hydraulic lockout lever isolates all hydraulic and travel functions in the lowered position. It is specifically designed to not allow the operator to leave the cab without first lowering it.

Safe Platform

Anti-skid plating with countersunk bolts reduces the potential for slippage and trip hazards, providing a safe platform for all routine service and maintenance needs.

Firewall

A full length firewall separates the engine from the hydraulic pump and offers protection in the event of an incident.

Three Circuit Breakers and Battery Disconnect Switch

Three circuit breakers protect critical electrical components to increase machine uptime.

A battery disconnect switch helps to deter theft by isolating the battery and enhances safety when servicing the machine.

Shut-off Switch

Ground level shut-off switch stops all fuel to the engine when activated and shuts down the machine.

Caterpillar builds safety into every machine, allowing operators and service technicians to get home safely everyday.

Built with similar safety features like our standard machine, the 336D2 XE accumulator high-pressure oil is discharged after key-off to minimize risk during servicing.

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

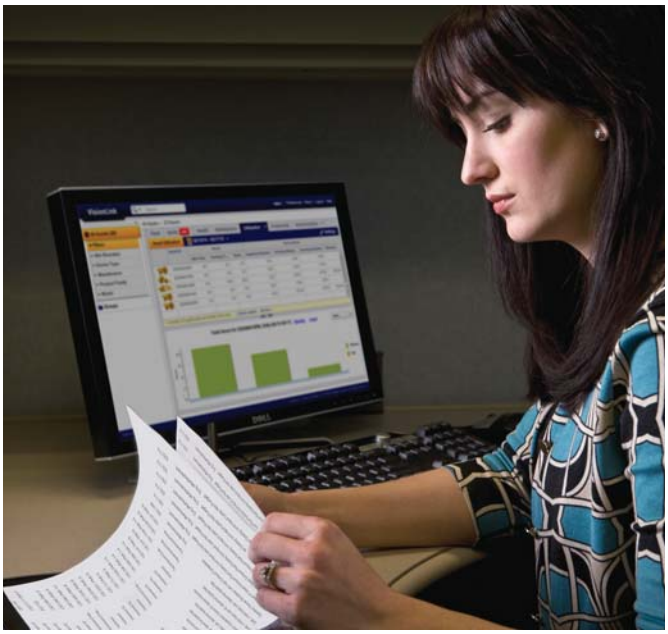
Cat dealers offer a variety of product support agreements that can be tailored to meet your specific needs. These plans can cover the entire machine – including attachments – to help protect your investment.

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.

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.

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 equivalent to U.S. EPA Tier 3, EU Stage IIIA, and meets 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).

Weights

Operating Weight		
Standard Undercarriage*	34 700 kg- 35 500 kg	76,500 lb- 78,300 lb
Long Undercarriage**	35 400 kg- 37 200 kg	78,000 lb- 82,000 lb

*Standard undercarriage minimum, R3.2 (10'6") reach stick, 600 mm (24 in) shoes, 5.35 mt (5.9 t) counterweight.
Standard undercarriage maximum, M2.55 m (8'4") mass stick, 800 mm (32 in) shoes, 5.35 mt (5.9 t) counterweight.

**Long undercarriage minimum, R3.2 (10'6") reach stick, 600 mm (24 in) shoes, 5.35 mt (5.9 t) counterweight.
Long undercarriage maximum, M2.55 m (8'4") mass stick, 800 mm (32 in) shoes, 5.35 mt (5.9 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)	562 L/min	148 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

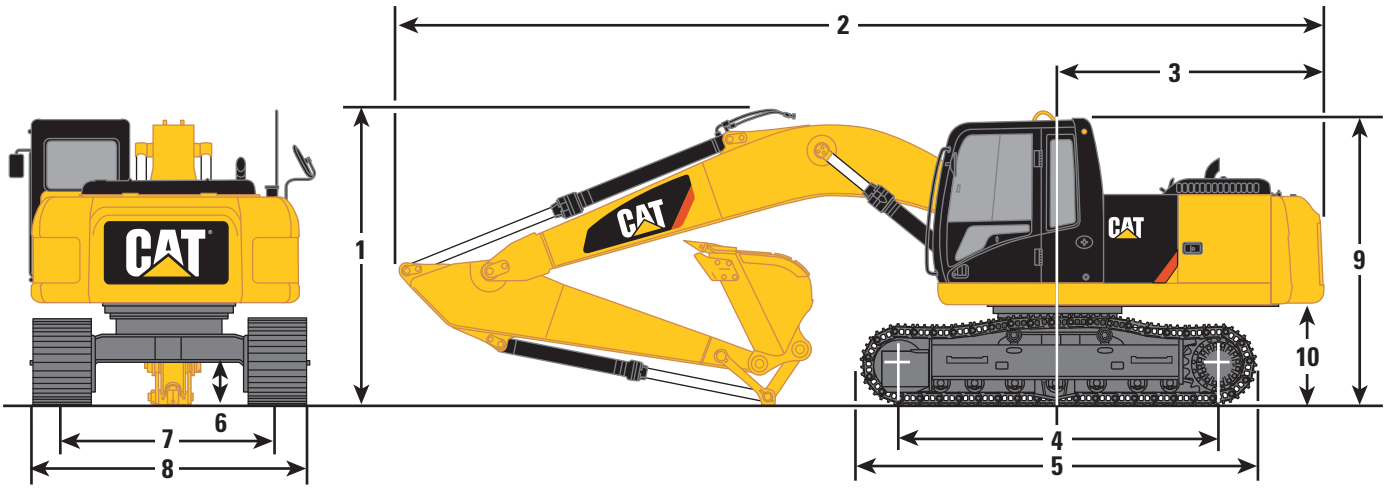
Service Refill Capacities

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.



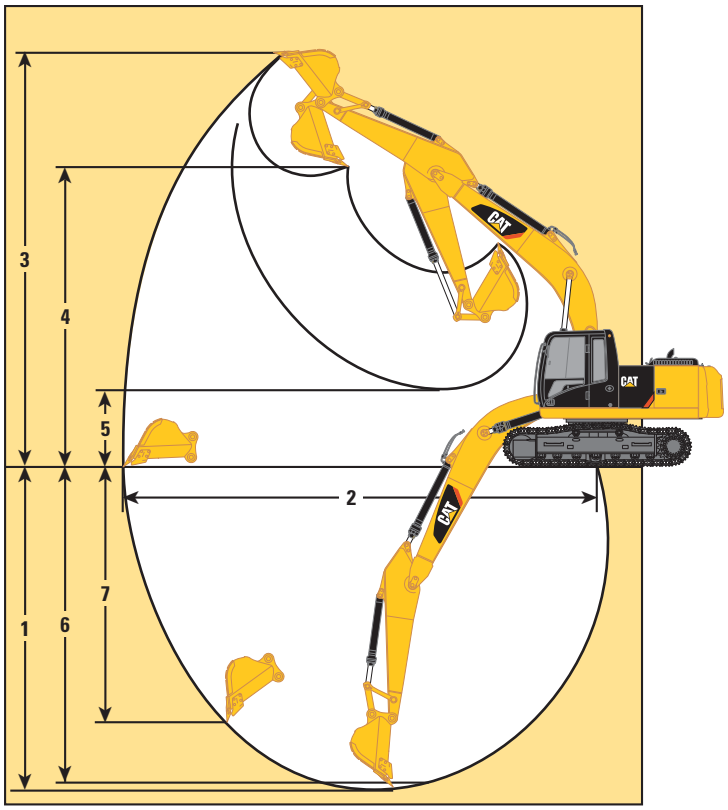
Boom Options		HD Reach Boom 6.5 m (21'4")			Mass Boom 6.18 m (20'3")	
Stick Options	**R3.9DB (12'10")**	**HD R3.2DB/R3.2DB (10'6")**	**HD R2.8DB (9'2")**	**M2.55TB (8'4")**	**M2.15TB (7'1")**
1 Shipping Height*	3670 mm (12'0")	3490 mm (11'5")	3640 mm (11'11")	3600 mm (11'10")	3630 mm (11'11")
2 Shipping 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")
3 Tail Swing Radius	3490 mm (11'5")	3490 mm (11'5")	3490 mm (11'5")	3490 mm (11'5")	3490 mm (11'5")
4 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")
5 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")
6 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")
7 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")
8 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")
9 Cab Height*	3140 mm (10'4")	3140 mm (10'4")	3140 mm (10'4")	3140 mm (10'4")	3140 mm (10'4")
10 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.

Working Ranges

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")**
1 Maximum Digging Depth	8210 mm (26'11")	7510 mm (24'8")	7110 mm (23'4")	6670 mm (21'11")	6270 mm (20'7")
2 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")
3 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")
4 Maximum Loading Height	7510 mm (24'8")	7080 mm (23'3")	7080 mm (23'3")	6600 mm (21'8")	6310 mm (20'8")
5 Minimum Loading Height	1880 mm (6'2")	2580 mm (8'6")	2980 mm (9'9")	2900 mm (9'6")	3300 mm (10'10")
6 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")
7 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")

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 5.35 mt (5.9 t) Counterweight	9700 kg (21,400 lb)
Counterweight	
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)
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.

Operating Weights and Ground Pressures

	336D2 XE – Standard Undercarriage – Counterweight 5.35 mt (5.9 t)							
	800 mm (32 in) Triple Grouser Shoes		700 mm (28 in) Triple Grouser Shoes		600 mm (24 in) Triple Grouser Shoes		600 mm (24 in) Double Grouser Shoes	
HD Reach Boom – 6.5 m (21'4")								
HD R3.2DB (10'6")	–	–	–	–	34 800 kg (76,700 lb)	72.0 kPa (10.4 psi)	35 500 kg (78,300 lb)	73.4 kPa (10.7 psi)
	–	–	–	–				
HD R2.8DB (9'2")	–	–	–	–	34 700 kg (76,500 lb)	71.8 kPa (10.4 psi)	35 400 kg (78,000 lb)	73.2 kPa (10.6 psi)
	–	–	–	–				

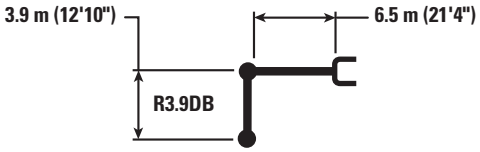
	336D2 L XE – Long Undercarriage – Counterweight 5.35 mt (5.9 t)							
	800 mm (32 in) Triple Grouser Shoes		700 mm (28 in) Triple Grouser Shoes		600 mm (24 in) Triple Grouser Shoes		600 mm (24 in) Double Grouser Shoes	
HD Reach Boom 6.5 m (21'4")								
R3.9DB (12'10")	36 700 kg (80,900 lb)	51.3 kPa (7.4 psi)	36 000 kg (79,400 lb)	57.5 kPa (8.3 psi)	35 700 kg (78,700 lb)	66.5 kPa (9.6 psi)	36 500 kg (80,500 lb)	68.0 kPa (9.9 psi)
R3.2DB (10'6")	36 400 kg (80,200 lb)	50.9 kPa (7.4 psi)	35 800 kg (78,900 lb)	57.2 kPa (8.3 psi)	35 400 kg (78,000 lb)	66.0 kPa (9.6 psi)	36 300 kg (80,000 lb)	67.6 kPa (9.8 psi)
HD R3.2DB (10'6")	36 600 kg (80,700 lb)	51.1 kPa (7.4 psi)	35 900 kg (79,100 lb)	57.3 kPa (8.3 psi)	35 600 kg (78,500 lb)	66.3 kPa (9.6 psi)	36 400 kg (80,200 lb)	67.8 kPa (9.8 psi)
HD R2.8DB (9'2")	36 500 kg (80,500 lb)	51.0 kPa (7.4 psi)	35 800 kg (78,900 lb)	57.2 kPa (8.3 psi)	35 500 kg (78,300 lb)	66.1 kPa (9.6 psi)	36 300 kg (80,000 lb)	67.6 kPa (9.8 psi)
Mass Boom – 6.18 m (20'3")								
M2.55TB (8'4")	37 200 kg (82,000 lb)	52.0 kPa (7.5 psi)	36 500 kg (80,500 lb)	58.3 kPa (8.5 psi)	36 200 kg (79,800 lb)	67.5 kPa (9.8 psi)	37 000 kg (81,600 lb)	68.9 kPa (10.0 psi)
M2.15TB (7'1")	37 200 kg (82,000 lb)	52.0 kPa (7.5 psi)	36 400 kg (80,200 lb)	58.1 kPa (8.4 psi)	36 100 kg (79,600 lb)	67.3 kPa (9.8 psi)	36 900 kg (81,400 lb)	68.8 kPa (10.0 psi)

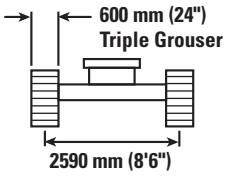
Bucket and Stick Digging Forces

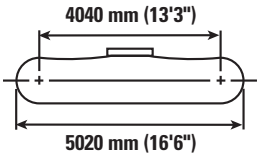
	HD Reach Boom – 6.5 m (21'4")			Mass Boom – 6.18 m (20'3")	
	R3.9DB (12'10")	HD R3.2DB (10'6")	HD R2.8DB (9'2")	M2.55TB (8'4")	M2.15TB (7'1")
Heavy-Duty Bucket					
Bucket Digging Force (ISO)	211 kN (47,460 lbf)	211 kN (47,460 lbf)	211 kN (47,460 lbf)	265 kN (59,570 lbf)	265 kN (59,570 lbf)
Bucket Digging 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 – Long Undercarriage – Counterweight: 5.35 mt (5.9 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**

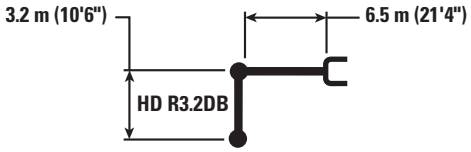
* GB/T 13331-2014 (ISO 10567:2007)

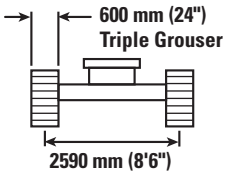
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard GB/T 13331-2014 (ISO 10567:2007). They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting 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.

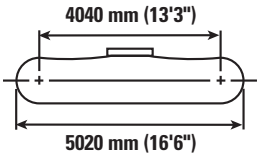
Lift capacity stays with ±5% for all available track shoes.

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

HD Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 5.35 mt (5.9 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 ***14,800**	6550 **14,650**	7710 **300**
6000 mm **240 in**	kg **lb**							*7850 ***17,200**	6800 **14,550**			*6500 ***14,300**	5350 **11,900**	8580 **340**
4500 mm **180 in**	kg **lb**			*12 050	*12 050	*9650 ***20,850**	9300 **20,050**	*8450 ***18,350**	6550 **14,050**	7650	4800	*6550 ***14,350**	4700 **10,400**	9130 **360**
3000 mm **120 in**	kg **lb**			*15 200 ***32,650**	13 200 **28,450**	*11 150 ***24,100**	8700 **18,700**	*9200 ***19,950**	6250 **13,400**	7500 **16,100**	4700 **10,050**	*6800 ***14,900**	4350 **9,600**	9410 **370**
1500 mm **60 in**	kg **lb**			*17 500 ***37,700**	12 200 **26,250**	*12 450 ***26,950**	8150 **17,550**	9700 **20,800**	5950 **12,800**	7350 **15,800**	4550 **9,750**	6850 **15,050**	4200 **9,250**	9440 **380**
0 mm **0 in**	kg **lb**			*18 250 ***39,500**	11 750 **25,300**	*13 250 ***28,450**	7800 **16,800**	9450 **20,300**	5750 **12,300**	7250 **15,550**	4450 **9,550**	7000 **15,350**	4300 **9,400**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*13 250 ***29,900**	*13 250 ***29,900**	*17 850 ***38,700**	11 700 **25,100**	13 100 **28,100**	7650 **16,500**	9350 **20,050**	5650 **12,100**			7500 **16,550**	4600 **10,100**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*20 900 ***47,350**	*20 900 ***47,350**	*16 550 ***35,800**	11 800 **25,400**	*12 600 ***27,150**	7700 **16,550**	9400 **20,200**	5700 **12,250**			8650 **19,150**	5250 **11,650**	7960 **320**
–4500 mm **–180 in**	kg **lb**	*18 550 ***39,900**	*18 550 ***39,900**	*13 950 ***30,000**	12 150 **26,150**	*10 550 ***22,450**	7950 **17,150**					*8900 ***19,550**	6800 **15,200**	6750 **270**

* **GB/T 13331-2014 (ISO 10567:2007)**

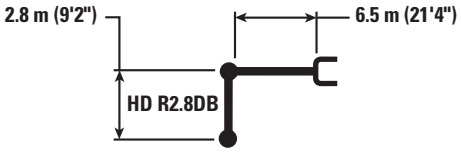
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard GB/T 13331-2014 (ISO 10567:2007). They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting 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.

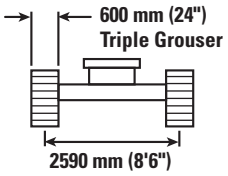
Lift capacity stays with ±5% for all available track shoes.

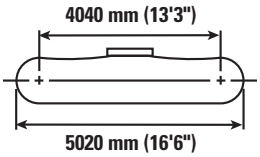
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336D2 XE/D2 L XE Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 5.35 mt (5.9 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	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**

* **GB/T 13331-2014 (ISO 10567:2007)**

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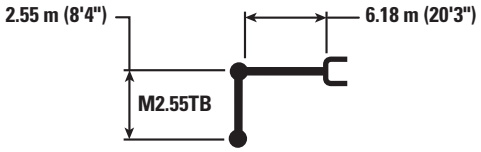
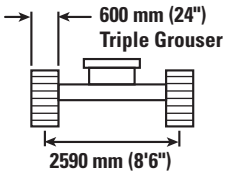
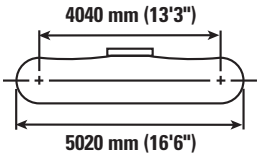
Lift capacity stays with ±5% for all available track shoes.

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

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 5.35 mt (5.9 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**

* GB/T 13331-2014 (ISO 10567:2007)

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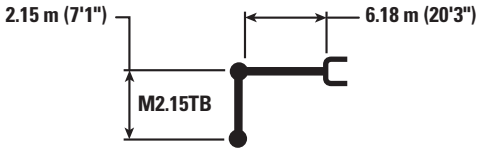
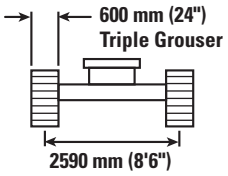
Lift capacity stays with ±5% for all available track shoes.

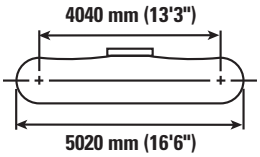
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336D2 XE/D2 L XE Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 5.35 mt (5.9 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**					*10 050	9600			*10 050 ***22,300**	9550 **21,650**	6030 **240**
6000 mm **240 in**	kg **lb**					*10 150 ***22,150**	9500 **20,400**			*9700 ***21,350**	7100 **15,900**	7120 **280**
4500 mm **180 in**	kg **lb**			*14 250 ***30,650**	13 950 **30,100**	*11 150 ***24,150**	9050 **19,450**	*9750 ***21,300**	6400 **13,700**	9550 **21,150**	6000 **13,300**	7780 **310**
3000 mm **120 in**	kg **lb**			* ***36,850**	 **27,400**	*12 400 ***26,800**	8500 **18,350**	9900 **21,300**	6150 **13,250**	8800 **19,350**	5500 **12,100**	8100 **320**
1500 mm **60 in**	kg **lb**					*13 350 ***28,850**	8100 **17,400**	9650 **20,800**	5950 **12,800**	8550 **18,850**	5300 **11,650**	8140 **320**
0 mm **0 in**	kg **lb**			*18 150 ***39,450**	11 900 **25,600**	13 300 **28,550**	7850 **16,950**	9550 **20,500**	5850 **12,550**	8900 **19,550**	5450 **12,000**	7890 **310**
–1500 mm **–60 in**	kg **lb**	*17 800 ***40,750**	*17 800 ***40,750**	*16 950 ***36,750**	12 000 **25,750**	*13 000 ***28,100**	7850 **16,900**			9900 **21,900**	6050 **13,350**	7320 **290**
–3000 mm **–120 in**	kg **lb**	*17 950 ***39,050**	*17 950 ***39,050**	*14 500 ***31,350**	12 250 **26,350**	*11 050 ***23,550**	8050 **17,450**			*10 100 ***22,250**	7500 **16,700**	6360 **250**

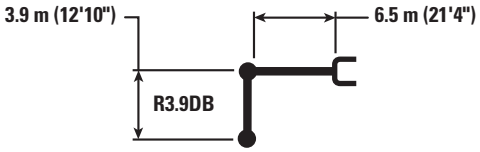
* GB/T 13331-2014 (ISO 10567:2007)

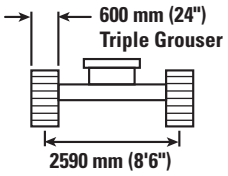
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard GB/T 13331-2014 (ISO 10567:2007). They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting 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.

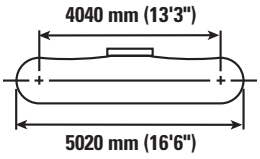
Lift capacity stays with ±5% for all available track shoes.

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

HD Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 5.35 mt (5.9 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**	7050 **15,200**	*6900 ***13,350**	5150 **10,950**	*5100 ***11,200**	4750 **10,550**	9360 **370**
4500 mm **180 in**	kg **lb**							*8700 ***18,900**	*8700 ***18,900**	*7800 ***16,900**	6800 **14,600**	*7250 ***15,850**	5000 **10,750**	*5100 ***11,200**	4250 **9,350**	9860 **390**
3000 mm **120 in**	kg **lb**					*13 650 ***29,350**	*13 650 ***29,350**	*10 300 ***22,300**	9050 **19,450**	*8650 ***18,750**	6450 **13,900**	*7700 ***16,500**	4850 **10,350**	*5250 ***11,500**	3950 **8,700**	10 120 **400**
1500 mm **60 in**	kg **lb**					*16 450 ***35,450**	12 700 **27,350**	*11 850 ***25,550**	8400 **18,150**	*9500 ***20,600**	6100 **13,150**	7500 **16,100**	4650 **10,000**	*5550 ***12,150**	3850 **8,450**	10 150 **400**
0 mm **0 in**	kg **lb**			*7600 ***17,300**	*7600 ***17,300**	*17 900 ***38,650**	12 000 **25,850**	*12 900 ***27,850**	8000 **17,200**	9600 **20,600**	5850 **12,550**	7300 **15,750**	4500 **9,650**	*6000 ***13,250**	3900 **8,550**	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**	11 750 **25,300**	13 200 **28,350**	7750 **16,650**	9400 **20,250**	5700 **12,200**	7250 **15,550**	4400 **9,500**	6700 **14,800**	4100 **9,050**	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**	11 800 **25,350**	*12 950 ***28,000**	7700 **16,550**	9350 **20,150**	5650 **12,150**			7500 **16,650**	4600 **10,150**	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**	12 000 **25,850**	*11 650 ***25,000**	7850 **16,900**	*8700 ***18,350**	5800 **12,550**			*8300 ***18,200**	5600 **12,500**	7710 **310**
–6000 mm **–240 in**	kg **lb**					*11 650 ***24,500**	*11 650 ***24,500**	*8250	*8250					*8000 ***17,500**	*8000 ***17,500**	6090 **240**

* **GB/T 13331-2014 (ISO 10567:2007)**

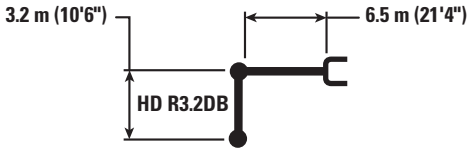
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard GB/T 13331-2014 (ISO 10567:2007). They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting 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.

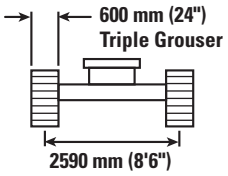
Lift capacity stays with ±5% for all available track shoes.

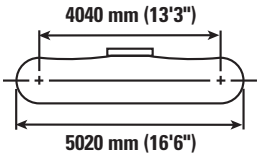
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336D2 XE/D2 L XE Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 5.35 mt (5.9 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	6950			*6700 ***14,800**	6600 ***14,800**	7710 **300**
6000 mm **240 in**	kg **lb**							*7850 ***17,200**	6900 **14,750**			*6500 ***14,300**	5400 **12,050**	8580 **340**
4500 mm **180 in**	kg **lb**			*12 050	*12 050	*9650 ***20,850**	9400 **20,300**	*8450 ***18,350**	6650 **14,250**	*7700	4900	*6550 ***14,350**	4750 **10,550**	9130 **360**
3000 mm **120 in**	kg **lb**			*15 200 ***32,650**	13 350 **28,850**	*11 150 ***24,100**	8800 **18,950**	*9200 ***19,950**	6300 **13,600**	7600 **16,300**	4750 **10,200**	*6800 ***14,900**	4400 **9,700**	9410 **370**
1500 mm **60 in**	kg **lb**			*17 500 ***37,700**	12 350 **26,650**	*12 450 ***26,950**	8250 **17,800**	9800 **21,050**	6050 **12,950**	7450 **15,950**	4600 **9,900**	6900 **15,200**	4300 **9,400**	9440 **380**
0 mm **0 in**	kg **lb**			*18 250 ***39,500**	11 950 **25,650**	*13 250 ***28,650**	7900 **17,050**	9550 **20,550**	5800 **12,500**	7300 **15,750**	4500 **9,650**	7050 **15,550**	4350 **9,550**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*13 250 ***29,900**	*13 250 ***29,900**	*17 850 ***38,700**	11 850 **25,450**	13 250 **28,400**	7800 **16,750**	9450 **20,300**	5700 **12,300**			7600 **16,750**	4650 **10,250**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*20 900 ***47,350**	*20 900 ***47,350**	*16 550 ***35,800**	12 000 **25,750**	*12 600 ***27,150**	7800 **16,800**	9500 **20,450**	5750 **12,450**			8750 **19,400**	5350 **11,850**	7960 **320**
–4500 mm **–180 in**	kg **lb**	*18 550 ***39,900**	*18 550 ***39,900**	*13 950 ***30,000**	12 300 **26,500**	*10 550 ***22,450**	8050 **17,400**					*8900 ***19,550**	6900 **15,450**	6750 **270**

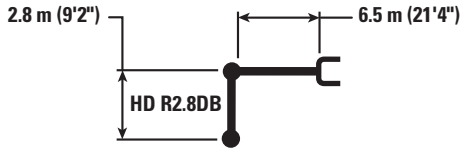
* **GB/T 13331-2014 (ISO 10567:2007)**

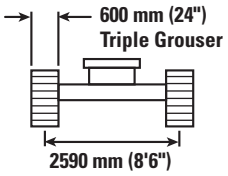
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard GB/T 13331-2014 (ISO 10567:2007). They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting 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.

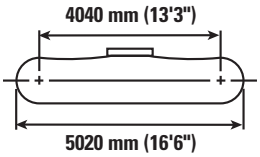
Lift capacity stays with ±5% for all available track shoes.

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

HD Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 5.35 mt (5.9 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**	7100 **16,000**	7340 **290**
6000 mm **240 in**	kg **lb**					*9000 ***19,500**	*9000 ***19,500**	*8350 ***18,250**	6800 **14,600**			*8150 ***18,000**	5750 **12,800**	8250 **330**
4500 mm **180 in**	kg **lb**			*13 000 ***27,850**	*13 000 ***27,850**	*10 200 ***22,050**	9300 **20,050**	*8850 ***19,200**	6600 **14,150**			7950 **17,600**	5050 **11,100**	8820 **350**
3000 mm **120 in**	kg **lb**			*16 100 ***34,600**	13 100 **28,300**	*11 650 ***25,150**	8700 **18,800**	*9550 ***20,700**	6300 **13,550**	7600	4750	7450 **16,400**	4650 **10,250**	9110 **360**
1500 mm **60 in**	kg **lb**			*15 900 ***38,700**	12 250 **26,450**	*12 850 ***27,750**	8250 **17,750**	9800 **21,050**	6050 **13,000**	7450	4650	7300 **16,050**	4550 **9,950**	9140 **360**
0 mm **0 in**	kg **lb**			*18 300 ***39,700**	12 000 **25,800**	13 400 **28,850**	7950 **17,100**	9600 **20,600**	5850 **12,600**			7500 **16,450**	4600 **10,150**	8920 **350**
–1500 mm **–60 in**	kg **lb**	*12 350 ***28,100**	*12 350 ***28,100**	*17 650 ***38,250**	12 000 **25,750**	*13 300 **28,600**	7850 **16,900**	9500 **20,500**	5800 **12,450**			8100 **17,850**	5000 **11,000**	8420 **340**
–3000 mm **–120 in**	kg **lb**	*21 050 ***45,750**	*21 050 ***45,750**	*16 000 ***34,700**	12 150 **26,150**	*12 300 ***26,550**	7950 **17,100**	*9300	5900			*9050 ***19,950**	5800 **12,850**	7600 **300**
–4500 mm **–180 in**	kg **lb**	*16 750 ***35,950**	*16 750 ***35,950**	*13 000 ***27,850**	12 550 **27,000**	*9650 ***20,250**	8250 **17,850**					*8800 ***19,350**	7750 **17,350**	6330 **250**

* **GB/T 13331-2014 (ISO 10567:2007)**

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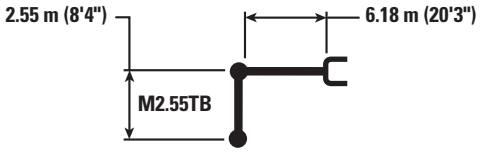
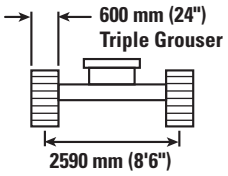
Lift capacity stays with ±5% for all available track shoes.

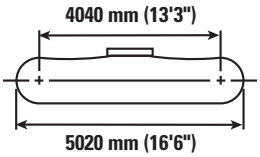
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336D2 XE/D2 L XE Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 5.35 mt (5.9 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 **20,850**	*9050	6650	*7900 ***17,450**	6500 **14,500**	7600 **300**
4500 mm **180 in**	kg **lb**			*13 400 ***28,750**	*13 400 ***28,750**	*10 650 ***23,050**	9250 **19,900**	*9300 ***20,300**	6500 **14,000**	*7900 ***17,400**	5600 **12,400**	8210 **330**
3000 mm **120 in**	kg **lb**			*16 350 ***35,150**	13 100 **28,350**	*11 950 ***25,900**	8700 **18,700**	*9900 ***21,500**	6250 **13,450**	8200 ***18,050**	5150 **11,300**	8520 **340**
1500 mm **60 in**	kg **lb**			*18 200 ***39,250**	12 300 **26,500**	*13 050 ***28,250**	8250 **17,750**	9750 **21,000**	6000 **12,950**	8000 **17,650**	5000 **10,950**	8550 **340**
0 mm **0 in**	kg **lb**			*18 350 ***39,800**	12 050 **25,900**	13 400 **28,850**	7950 **17,150**	9600 **20,600**	5850 **12,600**	8300 **18,200**	5100 **11,250**	8310 **330**
–1500 mm **–60 in**	kg **lb**	*16 900 ***38,350**	*16 900 ***38,350**	*17 450 ***37,800**	12 050 **25,900**	*13 200 ***28,550**	7900 **17,000**	9550 **20,600**	5850 **12,600**	9100 **20,100**	5600 **12,300**	7780 **310**
–3000 mm **–120 in**	kg **lb**	*19 950 ***43,300**	*19 950 ***43,300**	*15 350 ***33,200**	12 250 **26,350**	*11 700 ***25,100**	8050 **17,300**			*9650 ***21,200**	6700 **14,900**	6880 **270**
–4500 mm **–180 in**	kg **lb**			*11 250 ***23,800**	*11 250 ***23,800**					*8900 ***19,450**	*8900 ***19,450**	5430 **210**

* **GB/T 13331-2014 (ISO 10567:2007)**

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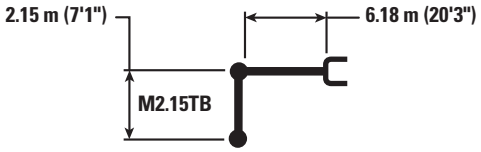
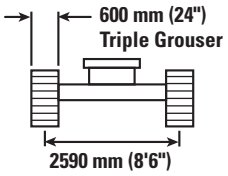
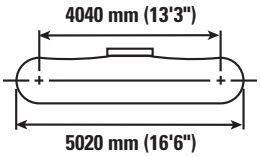
Lift capacity stays with ±5% for all available track shoes.

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

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 5.35 mt (5.9 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**					*10 050	9700			*10 050 ***22,300**	9650 **21,900**	6030 **240**
6000 mm **240 in**	kg **lb**					*10 150 ***22,150**	9600 **20,600**			*9700 ***21,350**	7200 **16,100**	7120 **280**
4500 mm **180 in**	kg **lb**			*14 250 ***30,650**	14 100 **30,450**	*11 150 ***24,150**	9150 **19,700**	*9750 ***21,300**	6450 **13,900**	*9600 ***21,150**	6100 **13,500**	7780 **310**
3000 mm **120 in**	kg **lb**			 ***36,850**	 **27,750**	*12 400 ***26,800**	8600 **18,550**	10 000 **21,500**	6250 **13,450**	8900 **19,600**	5550 **12,250**	8100 **320**
1500 mm **60 in**	kg **lb**					*13 350 ***28,850**	8200 **17,650**	9750 **21,000**	6050 **13,000**	8650 **19,100**	5400 **11,850**	8140 **320**
0 mm **0 in**	kg **lb**			*18 150 ***39,450**	12 050 **25,950**	13 450 **28,850**	8000 **17,200**	9650 **20,750**	5900 **12,750**	9000 **19,800**	5550 **12,200**	7890 **310**
–1500 mm **–60 in**	kg **lb**	*17 800 ***40,750**	*17 800 ***40,750**	*16 950 ***36,750**	12 150 **26,100**	*13 000 ***28,100**	7950 **17,150**			10 000 **22,100**	6150 **13,550**	7320 **290**
–3000 mm **–120 in**	kg **lb**	*17 950 ***39,050**	*17 950 ***39,050**	*14 500 ***31,350**	12 400 **26,700**	*11 050 ***23,550**	8200 **17,650**			*10 100 ***22,250**	7600 **16,900**	6360 **250**

* **GB/T 13331-2014 (ISO 10567:2007)**

*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 GB/T 13331-2014 (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 and Optional Equipment

Standard Equipment

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

ENGINE
- Cat C9 ACERT 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
- Automatic swing parking brake
- Bio-oil capability

CAB
- Retractable seat belt (51 mm [2 in])
- 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)
- 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
- 5.35 mt (5.9 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 and Stick Quick coupler lines
- Quick coupler circuit

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

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

INTEGRATED TECHNOLOGIES
- Rearview camera
- Cat Product Link

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

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(GCN1/APD/ADSD-S)