336D2

Hydraulic Excavator

Engine		
Engine Model	Cat® C9	
Engine Power (ISO 14396)	209 kW	280 hp
Net Power (SAE J1349/ISO 9249)	200 kW	268 hp

Weights		
Operating Weight – Standard Undercarriage	34 489 kg	76,035 lb
Operating Weight – Long Undercarriage	37 086 kg	81,761 lb

336D2 Differentiating Features

Engine and Hydraulics
A powerful Cat C9 engine that meets U.S. EPA Tier 2, EU Stage II regulations, and China Tier 2 emission regulations combined with a highly efficient hydraulic system deliver excellent performance with low fuel consumption. In fact, the 336D2 uses up to 8 percent less fuel than its predecessor moving the same amount of material.

Structures
Caterpillar design and manufacturing techniques assure you get 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 new cab provides you with a comfortable working environment for maximum production and efficiency.

Reduced Service and Maintenance Cost
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 keep downtime to a minimum.

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.

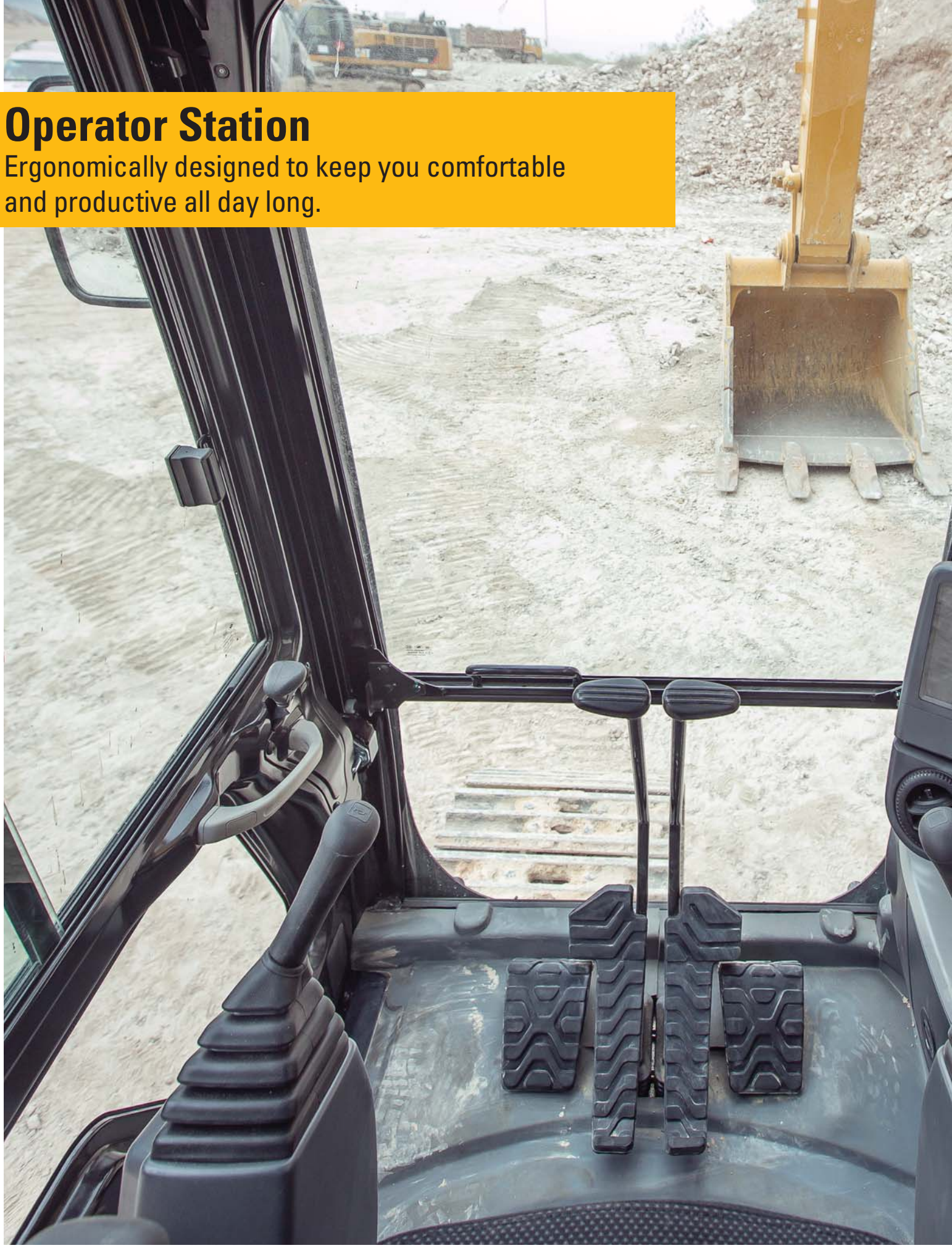
Cat 336D2 Total Solutions
Caterpillar and its extensive dealer network offer a wide variety of solutions designed to meet the unique needs of your business.

Contents

The 336D2 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

Low-effort pilot-operated joystick controls are 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 during the course of a long 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

The full-color LCD monitor can be adjusted to minimize glare, and it has the capability of displaying information in 28 languages to meet the needs of today's diverse work force.

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 you can count on for reliable and efficient operation.

Filtration System

The C9 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 limited vibration, which contributes to improving your comfort.

Hydraulics

Uncanny power and control for multiple applications.

Hydraulic System

Hydraulic system pressure from the two-pump system delivers terrific digging performance and productivity. The hydraulic system and component locations have been designed to provide a high level of system efficiency. The main pumps, control valves, and hydraulic tank are located close together to allow for shorter tubes and lines between components, reducing friction loss and pressure drops.

Pilot System

An independent pilot pump enables smooth, precise control for the front linkage, swing, and travel operations.

Hydraulic Cross-Sensing System

The hydraulic cross-sensing system utilizes each of two hydraulic pumps to 100 percent of engine power under all operating conditions. This improves productivity with faster implement speeds and quicker, stronger pivot turns.

Auxiliary Hydraulic Valve

Control circuits are available as attachments to improve versatility. They allow operation of high- and medium-pressure tools such as shears, grapples, hammers, pulverizers, multiprocessors, and vibratory plate compactors.

Boom and Stick Regeneration Circuit

Boom and stick regeneration circuits save energy during boom-down and stick-in operation to increase efficiency and reduce cycle times and pressure loss for higher productivity, lower operating costs, and increased fuel efficiency.

Hydraulic Cylinder Snubbers

Snubbers are located at the rod end of the boom cylinders and both ends of the stick cylinders to cushion shocks while reducing sound levels and extending component life.

Hydraulic Activation Control Lever

With the hydraulic activation lever in the neutral position, all front linkage, swing, and travel functions are isolated.

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, and 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

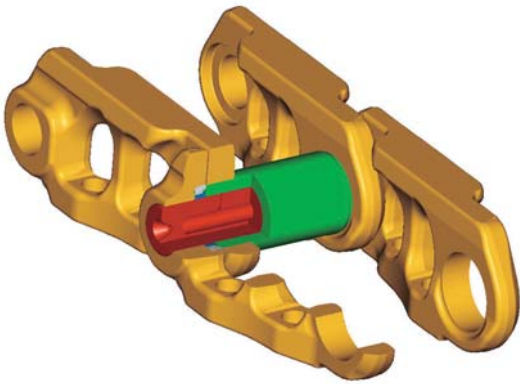
Wide and sturdy long undercarriage offers an excellent platform for applications that require maximum stability and lift capacity.

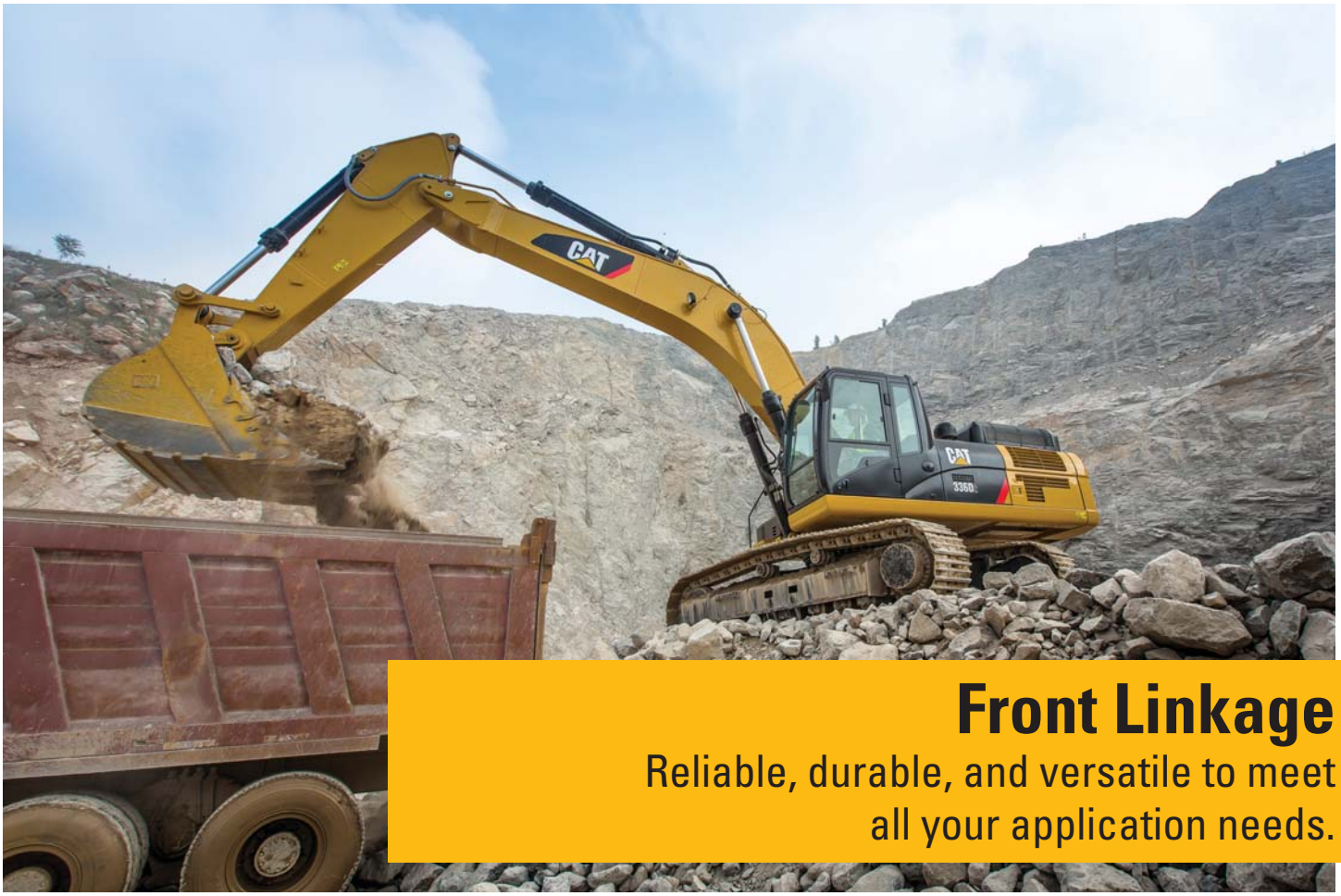
Counterweights

A 6.0 mt (6.6 t) weight works well in applications that require heavy lifting. It's bolted directly to the main frame for extra rigidity.

Undercarriage

Durable Cat undercarriage absorbs stress and provides excellent stability. The 336D2 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 lowering operating costs.





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 like loading rock or hammering concrete. The 6.5 m (21'4") HD boom is made of high-tensile-strength steel using a large box-section design with interior baffle plates and an additional bottom guard for long life and durability.

There are three HD 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 like 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 2.8 m (9'2") stick is best used when you are working primarily in truck loading applications to maximize your breakout force and increase your bucket fill factor.

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 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.

Service and Maintenance

Simplified design to save you time and money.

Ground-Level Service

The design and layout of the 336D2 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, 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 carrying out 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.

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.

Work Tools

Dig, hammer, rip, and cut with confidence.

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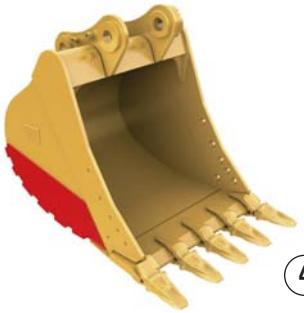

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Versatility and Performance

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.

Buckets and GET

Cat buckets and Cat Ground Engaging Tools (GET) are designed and matched to the machine to ensure optimal performance and fuel efficiency.

Utility Buckets (UD)

UD buckets are for digging in low-impact, low-abrasive material such as dirt, loam, and clay.

General-Duty Buckets (GD)

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

1) Utility Buckets (UD)
2) General-Duty Buckets (GD)
3) Heavy-Duty Buckets (HD)
4) Severe-Duty Buckets (SD)
5) 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.

Center-Lock™ Pin Grabber Coupler

Center-Lock is a pin grabber coupler and features a patent-pending locking system. A highly visible secondary lock clearly shows the operator 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 use of 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.

Crushers

The hydraulic concrete crusher is well suited for demolition in residential areas. The tool combines several demolition operations in one piece of equipment:

- Breaking out concrete from fixed structures
- Pulverizing concrete
- Cutting reinforcement rods and small steel profiles

336D2 Hydraulic Excavator Specifications

Engine

Engine Model	Cat C9	
Engine Power (ISO 14396)	209 kW	280 hp
Net Power (SAE J1349/ISO 9249)	200 kW	268 hp
Bore	112 mm	4.41 in
Stroke	149 mm	5.87 in
Displacement	8.8 L	537 in³

- 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*	34 489 kg	76,035 lb
Long Undercarriage**	37 086 kg	81,761 lb

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

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

Swing Mechanism

Swing Speed	8.98 rpm	
Swing Torque	108.6 kN·m	80,142 lbf-ft

Drive

Maximum Travel Speed	4.85 km/h	3.0 mph
Maximum Drawbar Pull	300.5 kN	67,555 lbf

Hydraulic System

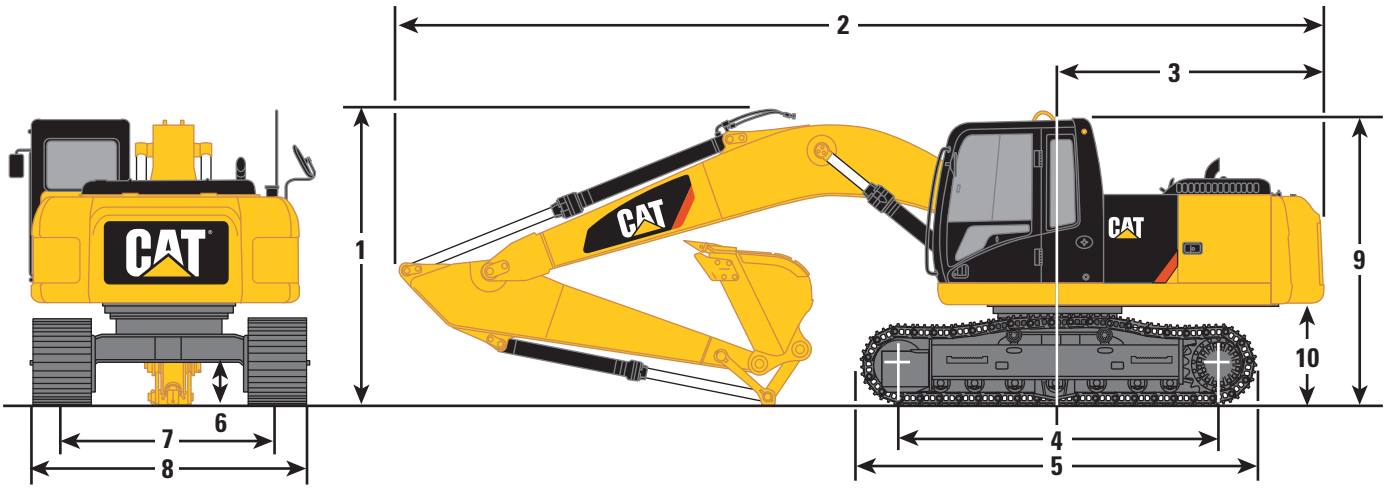
Main System – Maximum Flow (each)	265 L/min	70 gal
Swing System – Maximum Flow	265 L/min	70 gal
Maximum Pressure – Equipment	35 000 kPa	5,076 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	29 000 kPa	4,061 psi
Pilot System – Maximum Flow	40 L/min	10.6 gal/min
Pilot System – Maximum Pressure	4000 kPa	580.2 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

Service Refill Capacities

Fuel Tank Capacity	620 L	163.79 gal
Cooling System	40 L	10.57 gal
Engine Oil	40 L	10.57 gal
Swing Drive	19 L	5.02 gal
Final Drive (each)	8 L	2.11 gal
Hydraulic System (including tank)	410 L	108.31 gal
Hydraulic Tank	175 L	46.2 gal

Dimensions

All dimensions are approximate.



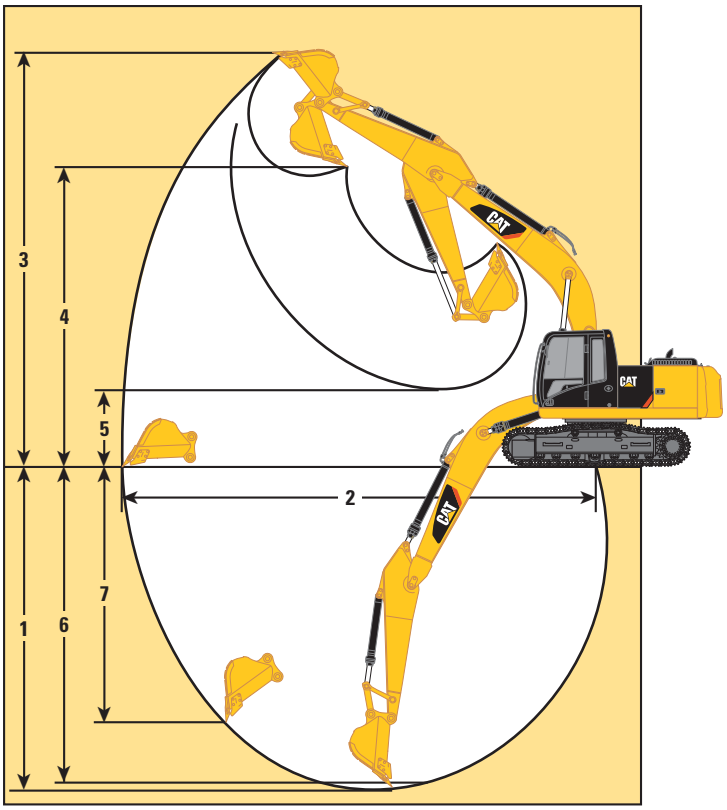
Boom Options		Reach Boom 6.50 m (21'4")			Mass Boom 6.18 m (20'3")	
Stick Options	**R3.9DB (12'10")**	**R3.2DB (10'6")**	**R2.8DB (9'2")**	**M2.55TB (8'4")**	**M2.15TB (7'1")**
1 Shipping Height*	3700 mm (12'2")	3340 mm (11'0")	3570 mm (11'9")	3650 mm (12'0")	3680 mm (12'1")
2 Shipping Length	11 200 mm (36'9")	11 150 mm (36'7")	11 210 mm (36'9")	10 910 mm (35'10")	11 200 mm (36'9")
3 Tail Swing Radius	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")
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**	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 (11'2")	3390 mm (11'2")	3390 mm (11'2")	3390 mm (11'2")	3390 mm (11'2")
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		Reach Boom 6.50 m (21'4")		Mass Boom 6.18 m (20'3")	
Stick Options	**R3.9DB (12'10")**	**R3.2DB (10'6")**	**R2.8DB (9'2")**	**M2.55TB (8'4")**	**M2.15TB (7'1")**
1 Maximum Digging Depth	8090 mm (26'7")	7390 mm (24'3")	6990 mm (22'11")	6570 mm (21'9")	6170 mm (20'3")
2 Maximum Reach at Ground Level	11 640 mm (38'2")	10 920 mm (35'10")	10 620 mm (34'10")	10 180 mm (33'5")	9760 mm (32'0")
3 Maximum Cutting Height	10 710 mm (35'2")	10 240 mm (33'7")	10 300 mm (33'10")	10 070 mm (33'1")	9740 mm (32'0")
4 Maximum Loading Height	7640 mm (25'1")	7200 mm (23'8")	7200 mm (23'8")	6690 mm (21'11")	6410 mm (21'0")
5 Minimum Loading Height	2010 mm (6'7")	2710 mm (8'11")	3110 mm (10'2")	3000 mm (9'10")	3400 mm (11'2")
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	7960 mm (26'1")	7230 mm (23'9")	6820 mm (22'5")	6400 mm (21'0")	5970 mm (19'7")
7 Maximum Vertical Wall Digging Depth	6700 mm (22'0")	5830 mm (19'2")	5770 mm (18'11")	5340 mm (17'6")	4710 mm (15'5")

Major Component Weights

Base Machine – 6.0 mt/6.6 t counterweight (with counterweight and without front linkage)	
Standard Undercarriage – 600 mm (24 in) Shoes	26 753 kg (58,980 lb)
Long Undercarriage – 700 mm (28 in) Shoes	27 987 kg (61,701 lb)
Counterweight	
Standard Counterweight	6018 kg (13,267 lb)
Two Boom Cylinders	668 kg (1,473 lb)
Boom (includes lines, pins, and stick cylinder)	
Reach Boom – 6.50 m (21'4")	3526 kg (7,773 lb)
Mass Boom – 6.18 m (20'3")	3294 kg (7,262 lb)
Stick (includes lines, pins, linkage, and bucket cylinder)	
R3.9DB (12'10")	2089 kg (4,605 lb)
R3.2DB (10'6")	2015 kg (4,442 lb)
R2.8DB (9'2")	1907 kg (4,204 lb)
M2.55TB (8'4")	2024 kg (4,462 lb)
M2.15TB (7'1")	1949 kg (4,296 lb)
Track Shoe (Long/per one track)	
600 mm (24 in) Triple Grouser Shoes	2033 kg (4,482 lb)
700 mm (28 in) Triple Grouser Shoes	2196 kg (4,841 lb)
800 mm (32 in) Triple Grouser Shoes	2538 kg (5,595 lb)
Track Shoe (Standard/per one track)	
600 mm (24 in) Triple Grouser Shoes	1867 kg (4,116 lb)
700 mm (28 in) Triple Grouser Shoes	2016 kg (4,445 lb)
800 mm (32 in) Triple Grouser Shoes	2330 kg (5,137 lb)

336D2 Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

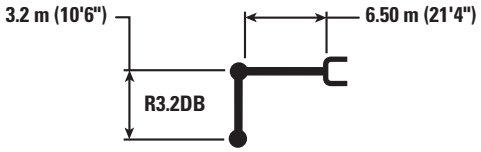
	336D2 Standard Undercarriage – Counterweight 6.0 mt (6.6 t)					
	600 mm (24 in) Triple Grouser Shoes		700 mm (28 in) Triple Grouser Shoes		800 mm (32 in) Triple Grouser Shoes	
HD Reach Boom – 6.50 m (21'4")						
R3.9DB (12'10")	34 671 kg (76,436 lb)	71.7 kPa (10.4 psi)	34 969 kg (77,093 lb)	62.0 kPa (8.99 psi)	35 597 kg (78,478 lb)	55.2 kPa (8.01 psi)
R3.2DB (10'6")	34 597 kg (76,273 lb)	71.5 kPa (10.37 psi)	34 895 kg (76,930 lb)	61.9 kPa (8.98 psi)	35 523 kg (78,315 lb)	55.1 kPa (8.0 psi)
R2.8DB (9'2")	34 489 kg (76,035 lb)	71.3 kPa (10.34 psi)	34 787 kg (76,692 lb)	61.7 kPa (8.95 psi)	35 415 kg (78,077 lb)	54.9 kPa (7.96 psi)
Mass Boom – 6.18 m (20'3")						
M2.55TB (8'4")	35 168 kg (77,532 lb)	72.7 kPa (10.54 psi)	35 466 kg (78,189 lb)	62.9 kPa (9.12 psi)	36 094 kg (79,574 lb)	56.0 kPa (8.12 psi)
M2.15TB (7'1")	35 093 kg (77,367 lb)	72.6 kPa (10.53 psi)	35 391 kg (78,024 lb)	62.7 kPa (9.09 psi)	36 019 kg (79,408 lb)	55.9 kPa (8.11 psi)

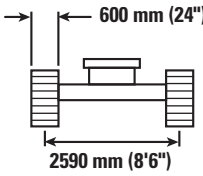
	336D2 Long Undercarriage – Counterweight 6.0 mt (6.6 t)					
	600 mm (24 in) Triple Grouser Shoes		700 mm (28 in) Triple Grouser Shoes		800 mm (32 in) Triple Grouser Shoes	
HD Reach Boom – 6.50 m (21'4")						
R3.9DB (12'10")	35 579 kg (78,438 lb)	66.3 kPa (9.62 psi)	35 905 kg (79,157 lb)	57.3 kPa (8.31 psi)	36 589 kg (80,665 lb)	51.1 kPa (7.41 psi)
R3.2DB (10'6")	35 505 kg (78,275 lb)	66.1 kPa (9.59 psi)	35 831 kg (78,994 lb)	57.2 kPa (8.30 psi)	36 515 kg (80,502 lb)	51.0 kPa (7.40 psi)
R2.8DB (9'2")	35 397 kg (78,037 lb)	65.9 kPa (9.56 psi)	35 723 kg (78,756 lb)	57.0 kPa (8.27 psi)	36 407 kg (80,264 lb)	50.9 kPa (7.38 psi)
Mass Boom – 6.18 m (20'3")						
M2.55TB (8'4")	36 076 kg (79,534 lb)	67.2 kPa (9.75 psi)	36 402 kg (80,253 lb)	58.1 kPa (8.43 psi)	37 086 kg (81,761 lb)	51.8 kPa (7.51 psi)
M2.15TB (7'1")	36 001 kg (79,369 lb)	67.1 kPa (9.73 psi)	36 327 kg (80,087 lb)	58.0 kPa (8.41 psi)	37 011 kg (81,595 lb)	51.7 kPa (7.50 psi)

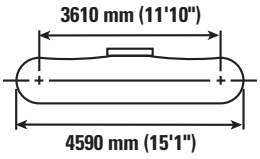
Bucket and Stick Digging Forces

	Reach Boom – 6.50 m (21'4") (DB1550HD)			Mass Boom – 6.18 m (20'3") (TB1650HD)	
	R3.9DB (12'10")	R3.2DB (10'6")	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)

Reach Boom Lift Capacities – Standard Undercarriage – Counterweight: 6.0 mt (6.6 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	6800			*6700 ***14,800**	6450 **14,550**	7710 **300**
6000 mm **240 in**	kg **lb**							*7850 ***17,200**	6750 **14,450**			*6500 ***14,300**	5300 **11,750**	8580 **340**
4500 mm **180 in**	kg **lb**			*12 050	*12 050	*9650 ***20,850**	9200 **19,850**	*8450 ***18,350**	6500 **13,950**	6550	4750	6400 **14,150**	4650 **10,250**	9130 **360**
3000 mm **120 in**	kg **lb**			*15 200 ***32,650**	13 050 **28,200**	*11 150 ***24,100**	8600 **18,550**	8550 **18,400**	6200 **13,300**	6450 **13,800**	4650 **9,950**	6000 **13,200**	4300 **9,500**	9410 **370**
1500 mm **60 in**	kg **lb**			*17 500 ***37,700**	12 050 **26,000**	11 500 **24,700**	8050 **17,400**	8250 **17,700**	5900 **12,650**	6250 **13,500**	4500 **9,650**	5850 **12,850**	4150 **9,150**	9440 **380**
0 mm **0 in**	kg **lb**			17 500 **37,500**	11 650 **25,050**	11 100 **23,850**	7750 **16,650**	8000 **17,200**	5650 **12,200**	6150 **13,250**	4400 **9,400**	5950 **13,100**	4250 **9,300**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*13 250 ***29,900**	*13 250 ***29,900**	17 400 **37,300**	11 550 **24,850**	10 950 **23,550**	7600 **16,300**	7900 **17,000**	5550 **12,000**			6400 **14,100**	4550 **10,000**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*20 900 ***47,350**	*20 900 ***47,350**	*16 550 ***35,800**	11 700 **25,150**	11 000 **23,600**	7600 **16,400**	7950 **17,150**	5600 **12,100**			7350 **16,300**	5200 **11,550**	7960 **320**
–4500 mm **–180 in**	kg **lb**	*18 550 ***39,900**	*18 550 ***39,900**	*13 950 ***30,000**	12 050 **25,900**	*10 550 ***22,450**	7850 **16,950**					*8900 ***19,550**	6750 **15,050**	6750 **270**

* **ISO 10567**

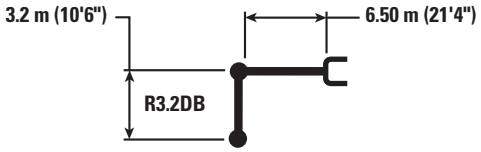
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

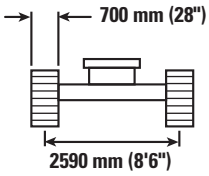
Lift capacity stays with ±5% for all available track shoes.

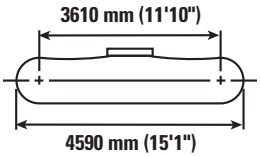
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336D2 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Standard Undercarriage – Counterweight: 6.0 mt (6.6 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**	6500 **14,650**	7710 **300**
6000 mm **240 in**	kg **lb**							*7850 ***17,200**	6800 **14,550**			*6500 ***14,300**	5350 **11,850**	8580 **340**
4500 mm **180 in**	kg **lb**			*12 050	*12 050	*9650 ***20,850**	9300 **20,000**	*8450 ***18,350**	6550 **14,050**	6650	4800	6450 **14,300**	4700 **10,350**	9130 **360**
3000 mm **120 in**	kg **lb**			*15 200 ***32,650**	13 150 **28,450**	*11 150 ***24,100**	8650 **18,700**	8600 **18,550**	6250 **13,400**	6500 **13,900**	4700 **10,000**	6050 **13,300**	4350 **9,550**	9410 **370**
1500 mm **60 in**	kg **lb**			*17 500 ***37,700**	12 150 **26,250**	11 550 **24,900**	8150 **17,550**	8300 **17,850**	5950 **12,750**	6350 **13,600**	4550 **9,700**	5900 **12,950**	4200 **9,250**	9440 **380**
0 mm **0 in**	kg **lb**			17 650 **37,850**	11 750 **25,250**	11 200 **24,100**	7800 **16,800**	8100 **17,400**	5700 **12,300**	6200 **13,350**	4400 **9,500**	6000 **13,200**	4300 **9,400**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*13 250 ***29,900**	*13 250 ***29,900**	17 550 **37,600**	11 650 **25,050**	11 050 **23,750**	7650 **16,450**	7950 **17,150**	5600 **12,100**			6450 **14,200**	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 **25,350**	11 100 **23,800**	7700 **16,550**	8000 **17,300**	5650 **12,200**			7400 **16,400**	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 **26,100**	*10 550 ***22,450**	7950 **17,100**					*8900 ***19,550**	6800 **15,200**	6750 **270**

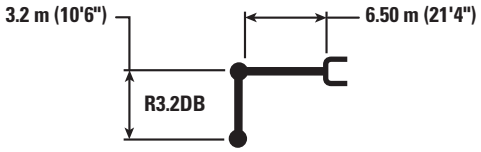
ISO 10567

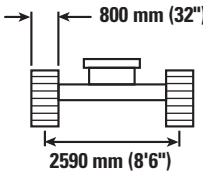
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

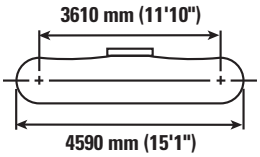
Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Standard Undercarriage – Counterweight: 6.0 mt (6.6 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**	6650 ***14,800**	7710 **300**
6000 mm **240 in**	kg **lb**							*7850 ***17,200**	6900 **14,800**			*6500 ***14,300**	5450 **12,050**	8580 **340**
4500 mm **180 in**	kg **lb**			*12 050	*12 050	*9650 ***20,850**	9450 **20,300**	*8450 ***18,350**	6650 **14,300**	6750	4900	*6550 ***14,350**	4750 **10,550**	9130 **360**
3000 mm **120 in**	kg **lb**			*15 200 ***32,650**	13 400 **28,900**	*11 150 ***24,100**	8800 **19,000**	8750 **18,850**	6350 **13,650**	6600 **14,150**	4750 **10,200**	6150 **13,550**	4450 **9,750**	9410 **370**
1500 mm **60 in**	kg **lb**			*17 500 ***37,700**	12 400 **26,700**	11 800 **25,350**	8300 **17,850**	8450 **18,200**	6050 **13,000**	6450 **13,850**	4600 **9,900**	6000 **13,200**	4300 **9,450**	9440 **380**
0 mm **0 in**	kg **lb**			17 950 **38,500**	11 950 **25,750**	11 400 **24,500**	7950 **17,100**	8250 **17,700**	5850 **12,550**	6350 **13,650**	4500 **9,700**	6100 **13,450**	4350 **9,600**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*13 250 ***29,900**	*13 250 ***29,900**	*17 850 **38,300**	11 900 **25,550**	11 250 **24,150**	7800 **16,750**	8100 **17,450**	5750 **12,350**			6550 **14,500**	4650 **10,300**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*20 900 ***47,350**	*20 900 ***47,350**	*16 550 ***35,800**	12 000 **25,800**	11 300 **24,250**	7850 **16,850**	8150 **17,600**	5750 **12,450**			7550 **16,750**	5350 **11,850**	7960 **320**
–4500 mm **–180 in**	kg **lb**	*18 550 ***39,900**	*18 550 ***39,900**	*13 950 ***30,000**	12 350 **26,550**	*10 550 ***22,450**	8050 **17,400**					*8900 ***19,550**	6900 **15,450**	6750 **270**

* **ISO 10567**

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

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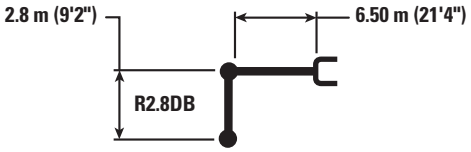
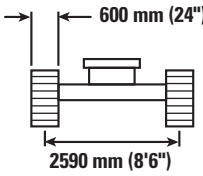
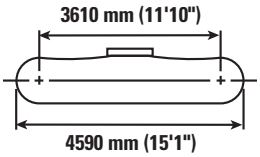
336D2 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Standard Undercarriage – Counterweight: 6.0 mt (6.6 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**	6950 **15,650**	7340 **290**
6000 mm **240 in**	kg **lb**					*9000 ***19,500**	*9000 ***19,500**	*8350 ***18,250**	6650 **14,300**			7700 **17,100**	5600 **12,500**	8250 **330**
4500 mm **180 in**	kg **lb**			*13 000 ***27,850**	*13 000 ***27,850**	*10 200 ***22,050**	9100 **19,650**	8850 **19,000**	6450 **13,850**			6750 **14,950**	4900 **10,850**	8820 **350**
3000 mm **120 in**	kg **lb**			*16 100 ***34,600**	12 800 **27,700**	*11 650 ***25,150**	8550 **18,400**	8550 **18,350**	6150 **13,250**	6400	4650	6300 **13,900**	4550 **10,000**	9110 **360**
1500 mm **60 in**	kg **lb**			*15 900 **38,350**	12 000 **25,800**	11 450 **24,650**	8050 **17,350**	8250 **17,750**	5900 **12,700**	6300	4500	6150 **13,550**	4400 **9,700**	9140 **360**
0 mm **0 in**	kg **lb**			17 550 **37,600**	11 700 **25,150**	11 150 **23,950**	7750 **16,700**	8050 **17,300**	5700 **12,300**			6300 **13,850**	4500 **9,900**	8920 **350**
–1500 mm **–60 in**	kg **lb**	*12 350 ***28,100**	*12 350 ***28,100**	17 550 **37,600**	11 700 **25,150**	11 050 **23,700**	7650 **16,500**	8000 **17,150**	5650 **12,150**			6800 **15,050**	4850 **10,700**	8420 **340**
–3000 mm **–120 in**	kg **lb**	*21 050 ***45,750**	*21 050 ***45,750**	*16 000 ***34,700**	11 850 **25,500**	11 100 **23,900**	7750 **16,700**	8100	5750			7950 **17,650**	5650 **12,550**	7600 **300**
–4500 mm **–180 in**	kg **lb**	*16 750 ***35,950**	*16 750 ***35,950**	*13 000 ***27,850**	12 250 **26,400**	*9650 ***20,250**	8050 **17,450**					*8800 ***19,350**	7550 **16,950**	6330 **250**

* **ISO 10567**

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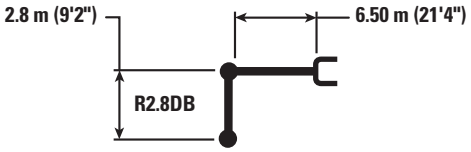
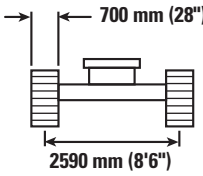
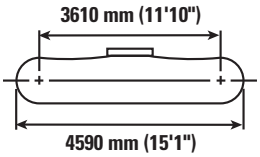
Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Standard Undercarriage – Counterweight: 6.0 mt (6.6 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**	6700 **14,400**			7750 **17,200**	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 **19,150**	6500 **13,950**			6800 **15,100**	4950 **10,950**	8820 **350**
3000 mm **120 in**	kg **lb**			*16 100 ***34,600**	12 900 **27,900**	*11 650 ***25,150**	8600 **18,550**	8600 **18,500**	6200 **13,350**	6500	4700	6350 **14,000**	4600 **10,100**	9110 **360**
1500 mm **60 in**	kg **lb**			*15 900 **38,700**	12 100 **26,050**	11 550 **24,850**	8100 **17,500**	8300 **17,900**	5950 **12,800**	6350	4550	6200 **13,650**	4450 **9,800**	9140 **360**
0 mm **0 in**	kg **lb**			17 700 **37,950**	11 800 **25,400**	11 200 **24,150**	7850 **16,850**	8100 **17,450**	5750 **12,400**			6350 **14,000**	4550 **10,000**	8920 **350**
–1500 mm **–60 in**	kg **lb**	*12 350 ***28,100**	*12 350 ***28,100**	*17 650 **37,900**	11 800 **25,350**	11 100 **23,900**	7750 **16,650**	8050 **17,350**	5700 **12,250**			6900 **15,150**	4900 **10,800**	8420 **340**
–3000 mm **–120 in**	kg **lb**	*21 050 ***45,750**	*21 050 ***45,750**	*16 000 ***34,700**	11 950 **25,750**	11 200 **24,100**	7800 **16,850**	8150	5800			8050 **17,800**	5700 **12,650**	7600 **300**
–4500 mm **–180 in**	kg **lb**	*16 750 ***35,950**	*16 750 ***35,950**	*13 000 ***27,850**	12 350 **26,600**	*9650 ***20,250**	8150 **17,600**					*8800 ***19,350**	7600 **17,100**	6330 **250**

* **ISO 10567**

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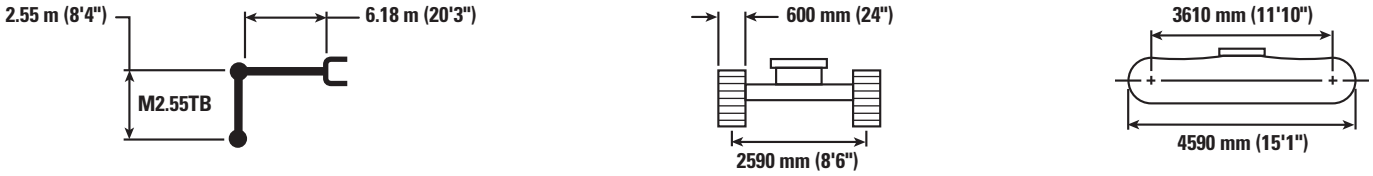
Lift capacity stays with ±5% for all available track shoes.

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

336D2 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Standard Undercarriage – Counterweight: 6.0 mt (6.6 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**	8200 ***18,400**	6590 **260**
6000 mm **240 in**	kg **lb**					*9600 ***20,850**	9500 **20,450**	8900	6500	*7900 ***17,450**	6350 **14,200**	7600 **300**
4500 mm **180 in**	kg **lb**			*13 400 ***28,750**	*13 400 ***28,750**	*10 650 ***23,050**	9050 **19,500**	8750 **18,750**	6350 **13,650**	7500 **16,650**	5450 **12,100**	8210 **330**
3000 mm **120 in**	kg **lb**			*16 350 ***35,150**	12 850 **27,700**	11 950 **25,650**	8500 **18,300**	8450 **18,200**	6100 **13,150**	6950 **15,300**	5000 **11,050**	8520 **340**
1500 mm **60 in**	kg **lb**			17 900 **38,450**	12 000 **25,900**	11 450 **24,600**	8050 **17,300**	8200 **17,650**	5850 **12,650**	6750 **14,900**	4850 **10,700**	8550 **340**
0 mm **0 in**	kg **lb**			17 600 **37,700**	11 750 **25,250**	11 150 **23,950**	7750 **16,750**	8050 **17,300**	5700 **12,300**	6950 **15,350**	5000 **10,950**	8310 **330**
–1500 mm **–60 in**	kg **lb**	*16 900 ***38,350**	*16 900 ***38,350**	*17 450 **37,700**	11 750 **25,300**	11 050 **23,800**	7700 **16,600**	8050 **17,300**	5700 **12,300**	7650 **16,900**	5450 **12,000**	7780 **310**
–3000 mm **–120 in**	kg **lb**	*19 950 ***43,300**	*19 950 ***43,300**	*15 350 ***33,200**	12 000 **25,750**	11 200 **24,150**	7850 **16,900**			9250 **20,550**	6550 **14,550**	6880 **270**
–4500 mm **–180 in**	kg **lb**			*11 250 ***23,800**	*11 250 ***23,800**					*8900 ***19,450**	*8900 ***19,450**	5430 **210**

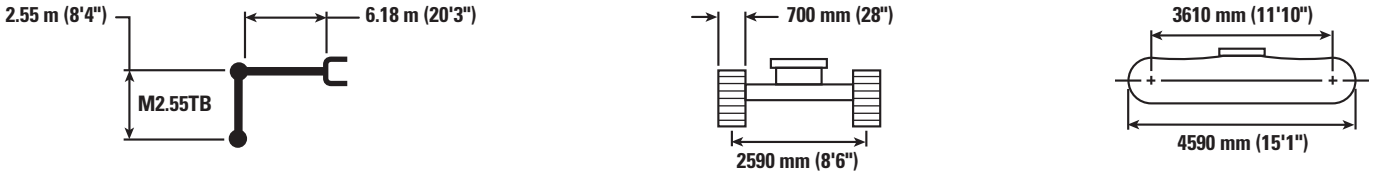
* **ISO 10567**

*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.

Mass Boom Lift Capacities – Standard Undercarriage – Counterweight: 6.0 mt (6.6 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**	9550 **20,600**	9000	6550	*7900 ***17,450**	6400 **14,300**	7600 **300**
4500 mm **180 in**	kg **lb**			*13 400 ***28,750**	*13 400 ***28,750**	*10 650 ***23,050**	9100 **19,600**	8800 **18,950**	6400 **13,800**	7600 **16,800**	5500 **12,200**	8210 **330**
3000 mm **120 in**	kg **lb**			*16 350 ***35,150**	12 950 **27,950**	*11 950 **25,900**	8550 **18,450**	8550 **18,350**	6150 **13,250**	7000 **15,450**	5050 **11,150**	8520 **340**
1500 mm **60 in**	kg **lb**			18 050 **38,750**	12 100 **26,100**	11 500 **24,800**	8100 **17,450**	8300 **17,800**	5900 **12,750**	6850 **15,050**	4900 **10,800**	8550 **340**
0 mm **0 in**	kg **lb**			17 750 **38,000**	11 850 **25,500**	11 250 **24,150**	7850 **16,900**	8100 **17,450**	5750 **12,400**	7050 **15,500**	5000 **11,050**	8310 **330**
–1500 mm **–60 in**	kg **lb**	*16 900 ***38,350**	*16 900 ***38,350**	*17 450 ***37,800**	11 850 **25,500**	11 150 **24,000**	7750 **16,750**	8100 **17,450**	5750 **12,400**	7700 **17,050**	5500 **12,100**	7780 **310**
–3000 mm **–120 in**	kg **lb**	*19 950 ***43,300**	*19 950 ***43,300**	*15 350 ***33,200**	12 100 **25,950**	11 300 **24,350**	7900 **17,050**			9350 **20,700**	6600 **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**

* **ISO 10567**

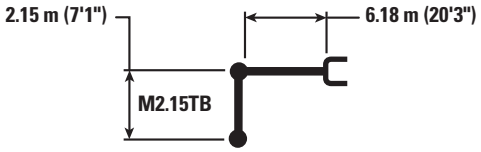
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

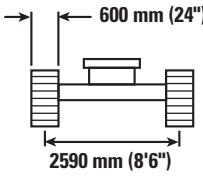
Lift capacity stays with ±5% for all available track shoes.

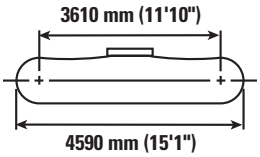
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336D2 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Standard Undercarriage – Counterweight: 6.0 mt (6.6 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 9550				*10 050 ***22,300**	9450 **21,500**	6030 **240**
6000 mm **240 in**	kg **lb**					*10 150 ***22,150**	9400 **20,200**			9650 ***21,350**	7050 **15,750**	7120 **280**
4500 mm **180 in**	kg **lb**			*14 250 ***30,650**	13 850 **29,850**	*11 150 ***24,150**	8950 **19,300**	8700 **18,650**	6300 **13,550**	8200 **18,150**	5950 **13,200**	7780 **310**
3000 mm **120 in**	kg **lb**			* ***36,850**	 **27,150**	11 850 **25,500**	8400 **18,150**	8450 **18,200**	6100 **13,100**	7500 **16,550**	5450 **11,950**	8100 **320**
1500 mm **60 in**	kg **lb**					11 400 **24,500**	8000 **17,250**	8200 **17,700**	5900 **12,650**	7300 **16,100**	5250 **11,550**	8140 **320**
0 mm **0 in**	kg **lb**			17 600 **37,750**	11 800 **25,300**	11 150 **24,000**	7800 **16,800**	8100 **17,450**	5750 **12,450**	7550 **16,650**	5400 **11,900**	7890 **310**
–1500 mm **–60 in**	kg **lb**	*17 800 ***40,750**	*17 800 ***40,750**	*16 950 ***36,750**	11 850 **25,500**	11 150 **23,950**	7800 **16,750**			8400 **18,600**	6000 **13,200**	7320 **290**
–3000 mm **–120 in**	kg **lb**	*17 950 ***39,050**	*17 950 ***39,050**	*14 500 ***31,350**	12 150 **26,100**	*11 050 ***23,550**	8000 **17,250**			*10 100 ***22,250**	7450 **16,500**	6360 **250**

* **ISO 10567**

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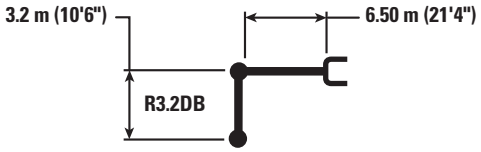
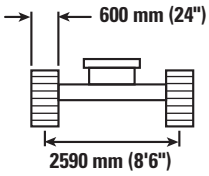
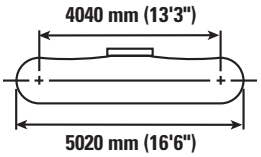
Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 6.0 mt (6.6 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 **14,800**			*6500 ***14,300**	5450 **12,050**	8580 **340**
4500 mm **180 in**	kg **lb**			*12 050	*12 050	*9650 ***20,850**	9450 **20,300**	*8450 ***18,350**	6650 **14,300**	*7700	4900	*6550 ***14,350**	4750 **10,550**	9130 **360**
3000 mm **120 in**	kg **lb**			*15 200 ***32,650**	13 400 **28,900**	*11 150 ***24,100**	8800 **19,000**	*9200 ***19,950**	6350 **13,600**	7600 **16,300**	4750 **10,200**	*6800 ***14,900**	4400 **9,750**	9410 **370**
1500 mm **60 in**	kg **lb**			*17 500 ***37,700**	12 400 **26,700**	*12 450 ***26,950**	8300 **17,850**	9800 **21,100**	6050 **13,000**	7450 **16,000**	4600 **9,900**	6950 **15,250**	4300 **9,450**	9440 **380**
0 mm **0 in**	kg **lb**			*18 250 ***39,500**	11 950 **25,700**	*13 250 ***28,650**	7950 **17,100**	9550 **20,550**	5800 **12,550**	7350 **15,750**	4500 **9,700**	7100 **15,600**	4350 **9,600**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*13 250 ***29,900**	*13 250 ***29,900**	*17 850 ***38,700**	11 850 **25,500**	13 250 **28,450**	7800 **16,750**	9450 **20,350**	5700 **12,300**			7600 **16,800**	4650 **10,300**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*20 900 ***47,350**	*20 900 ***47,350**	*16 550 ***35,800**	12 000 **25,800**	*12 600 ***27,150**	7800 **16,850**	9500 **20,500**	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**	12 350 **26,550**	*10 550 ***22,450**	8050 **17,400**					*8900 ***19,550**	6900 **15,450**	6750 **270**

* **ISO 10567**

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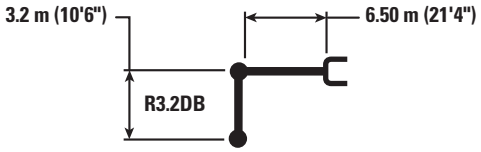
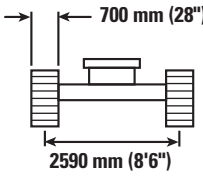
Lift capacity stays with ±5% for all available track shoes.

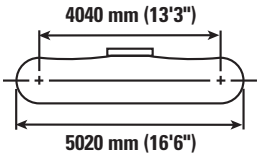
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336D2 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 6.0 mt (6.6 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	7000			*6700 ***14,800**	6700 ***14,800**	7710 **300**
6000 mm **240 in**	kg **lb**							*7850 ***17,200**	6950 **14,900**			*6500 ***14,300**	5450 **12,150**	8580 **340**
4500 mm **180 in**	kg **lb**			*12 050	*12 050	*9650 ***20,850**	9500 **20,450**	*8450 ***18,350**	6700 **14,400**	*7700	4950	*6550 ***14,350**	4800 **10,650**	9130 **360**
3000 mm **120 in**	kg **lb**			*15 200 ***32,650**	13 500 **29,100**	*11 150 ***24,100**	8900 **19,150**	*9200 ***19,950**	6400 **13,750**	7650 **16,500**	4800 **10,300**	*6800 ***14,900**	4450 **9,850**	9410 **370**
1500 mm **60 in**	kg **lb**			*17 500 ***37,700**	12 500 **26,900**	*12 450 ***26,950**	8350 **18,000**	9900 **21,300**	6100 **13,100**	7500 **16,150**	4650 **10,000**	7000 **15,400**	4350 **9,550**	9440 **380**
0 mm **0 in**	kg **lb**			*18 250 ***39,500**	12 050 **25,950**	*13 250 ***28,650**	8000 **17,250**	9650 **20,750**	5900 **12,650**	7400 **15,900**	4550 **9,800**	7150 **15,750**	4400 **9,700**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*13 250 ***29,900**	*13 250 ***29,900**	*17 850 ***38,700**	12 000 **25,750**	*13 300 **28,750**	7850 **16,950**	9550 **20,550**	5800 **12,450**			7700 **16,950**	4700 **10,400**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*20 900 ***47,350**	*20 900 ***47,350**	*16 550 ***35,800**	12 100 **26,000**	*12 600 ***27,150**	7900 **17,000**	9600 **20,700**	5850 **12,550**			8850 ***19,550**	5400 **12,000**	7960 **320**
–4500 mm **–180 in**	kg **lb**	*18 550 ***39,900**	*18 550 ***39,900**	*13 950 ***30,000**	12 450 **26,800**	*10 550 ***22,450**	8150 **17,550**					*8900 ***19,550**	6950 **15,600**	6750 **270**

* **ISO 10567**

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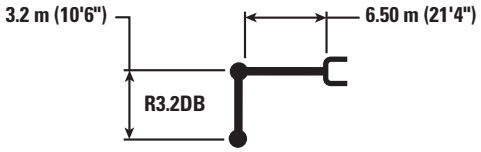
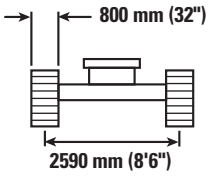
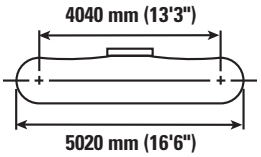
Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 6.0 mt (6.6 t)







		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	7150			*6700 ***14,800**	*6700 ***14,800**	7710 **300**
6000 mm **240 in**	kg **lb**							*7850 ***17,200**	7050 **15,150**			*6500 ***14,300**	5550 **12,400**	8580 **340**
4500 mm **180 in**	kg **lb**			*12 050	*12 050	*9650 ***20,850**	*9650 **20,800**	*8450 ***18,350**	6800 **14,650**	*7700	5050	*6550 ***14,350**	4900 **10,850**	9130 **360**
3000 mm **120 in**	kg **lb**			*15 200 ***32,650**	13 700 **29,600**	*11 150 ***24,100**	9050 **19,500**	*9200 ***19,950**	6500 **14,000**	7800 **16,800**	4900 **10,500**	*6800 ***14,900**	4550 **10,050**	9410 **370**
1500 mm **60 in**	kg **lb**			*17 500 ***37,700**	12 700 **27,400**	*12 450 ***26,950**	8500 **18,350**	*9950 ***21,550**	6200 **13,350**	7650 **16,450**	4750 **10,200**	7150 **15,700**	4400 **9,700**	9440 **380**
0 mm **0 in**	kg **lb**			*18 250 ***39,500**	12 300 **26,450**	*13 250 ***28,650**	8150 **17,600**	9850 **21,150**	6000 **12,900**	7550 **16,250**	4650 **10,000**	7300 **16,050**	4500 **9,900**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*13 250 ***29,900**	*13 250 ***29,900**	*17 850 ***38,700**	12 200 **26,250**	*13 300 ***28,800**	8000 **17,250**	9750 **20,950**	5900 **12,700**			7850 **17,300**	4800 **10,600**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*20 900 ***47,350**	*20 900 ***47,350**	*16 550 ***35,800**	12 350 **26,500**	*12 600 ***27,150**	8050 **17,350**	*9700 ***20,800**	5950 **12,800**			*8850 ***19,550**	5500 **12,200**	7960 **320**
–4500 mm **–180 in**	kg **lb**	*18 550 ***39,900**	*18 550 ***39,900**	*13 950 ***30,000**	12 650 **27,250**	*10 550 ***22,450**	8300 **17,900**					*8900 ***19,550**	7100 **15,900**	6750 **270**

* **ISO 10567**

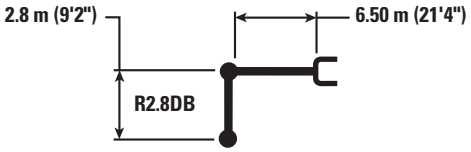
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

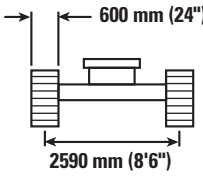
Lift capacity stays with ±5% for all available track shoes.

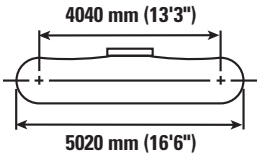
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336D2 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 6.0 mt (6.6 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 **14,650**			*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 **20,100**	*8850 ***19,200**	6600 **14,200**			8000 **17,650**	5050 **11,150**	8820 **350**
3000 mm **120 in**	kg **lb**			*16 100 ***34,600**	13 150 **28,350**	*11 650 ***25,150**	8750 **18,850**	*9550 ***20,700**	6300 **13,600**	7600	4750	7450 **16,400**	4650 **10,300**	9110 **360**
1500 mm **60 in**	kg **lb**			*15 900 ***38,700**	12 300 **26,450**	*12 850 ***27,750**	8250 **17,800**	9800 **21,100**	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**	*13 450 **28,900**	7950 **17,150**	9600 **20,650**	5850 **12,600**			7500 **16,500**	4650 **10,200**	8920 **350**
–1500 mm **–60 in**	kg **lb**	*12 350 ***28,100**	*12 350 ***28,100**	*17 650 ***38,250**	12 000 **25,800**	*13 300 **28,650**	7850 **16,950**	9550 **20,500**	5800 **12,500**			8100 **17,900**	5000 **11,000**	8420 **340**
–3000 mm **–120 in**	kg **lb**	*21 050 ***45,750**	*21 050 ***45,750**	*16 000 ***34,700**	12 200 **26,200**	*12 300 ***26,550**	7950 **17,150**	*9300	5900			*9050 ***19,950**	5800 **12,900**	7600 **300**
–4500 mm **–180 in**	kg **lb**	*16 750 ***35,950**	*16 750 ***35,950**	*13 000 ***27,850**	12 550 **27,050**	*9650 ***20,250**	8250 **17,900**					*8800 ***19,350**	7750 **17,350**	6330 **250**

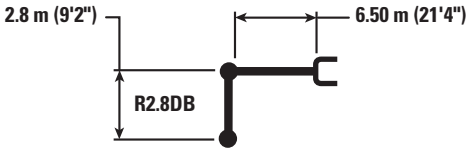
* **ISO 10567**

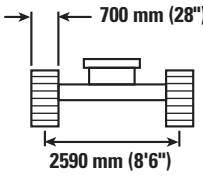
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

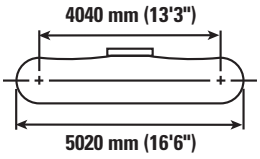
Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 6.0 mt (6.6 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**	7200 **16,150**	7340 **290**
6000 mm **240 in**	kg **lb**					*9000 ***19,500**	*9000 ***19,500**	*8350 ***18,250**	6900 **14,750**			*8150 ***18,000**	5800 **12,900**	8250 **330**
4500 mm **180 in**	kg **lb**			*13 000 ***27,850**	*13 000 ***27,850**	*10 200 ***22,050**	9400 **20,250**	*8850 ***19,200**	6650 **14,300**			8050 **17,800**	5100 **11,250**	8820 **350**
3000 mm **120 in**	kg **lb**			*16 100 ***34,600**	13 250 **28,600**	*11 650 ***25,150**	8800 **19,000**	*9550 ***20,700**	6350 **13,700**	7650	4800	7500 **16,600**	4700 **10,400**	9110 **360**
1500 mm **60 in**	kg **lb**			*15 900 ***38,700**	12 400 **26,700**	*12 850 ***27,750**	8350 **17,950**	9900 **21,300**	6100 **13,150**	7550	4700	7350 **16,200**	4600 **10,050**	9140 **360**
0 mm **0 in**	kg **lb**			*18 300 ***39,700**	12 100 **26,050**	*13 450 ***29,100**	8050 **17,300**	9700 **20,850**	5900 **12,750**			7550 **16,650**	4650 **10,300**	8920 **350**
–1500 mm **–60 in**	kg **lb**	*12 350 ***28,100**	*12 350 ***28,100**	*17 650 ***38,250**	12 100 **26,050**	*13 300 ***28,800**	7950 **17,100**	9600 **20,700**	5850 **12,600**			8200 **18,050**	5050 **11,100**	8420 **340**
–3000 mm **–120 in**	kg **lb**	*21 050 ***45,750**	*21 050 ***45,750**	*16 000 ***34,700**	12 300 **26,400**	*12 300 ***26,550**	8050 **17,300**	*9300	5950			*9050 ***19,950**	5900 **13,000**	7600 **300**
–4500 mm **–180 in**	kg **lb**	*16 750 ***35,950**	*16 750 ***35,950**	*13 000 ***27,850**	12 700 **27,300**	*9650 ***20,250**	8350 **18,050**					*8800 ***19,350**	7800 **17,500**	6330 **250**

* **ISO 10567**

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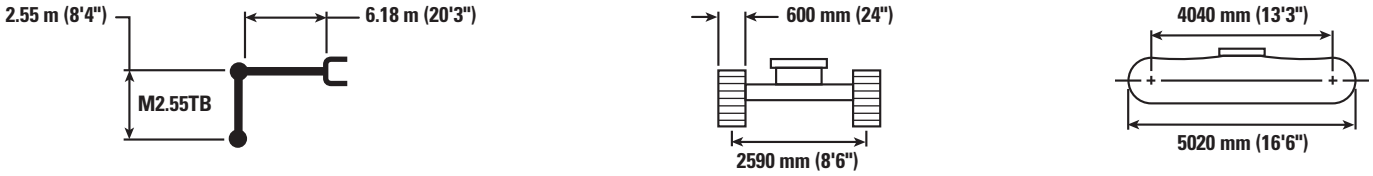
Lift capacity stays with ±5% for all available track shoes.

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

336D2 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 6.0 mt (6.6 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**	6550 **14,550**	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**	13 150 **28,350**	*11 950 ***25,900**	8700 **18,750**	*9900 ***21,500**	6250 **13,500**	*8200 ***18,050**	5150 **11,350**	8520 **340**
1500 mm **60 in**	kg **lb**			*18 200 ***39,250**	12 350 **26,550**	*13 050 ***28,250**	8250 **17,750**	9750 **21,000**	6050 **12,950**	8050 **17,700**	5000 **11,000**	8550 **340**
0 mm **0 in**	kg **lb**			*18 350 ***39,800**	12 050 **25,950**	13 450 **28,900**	8000 **17,200**	9600 **20,650**	5850 **12,650**	8300 **18,250**	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 **25,950**	*13 200 ***28,550**	7900 **17,050**	9600 **20,650**	5850 **12,650**	9100 **20,100**	5600 **12,350**	7780 **310**
–3000 mm **–120 in**	kg **lb**	*19 950 ***43,300**	*19 950 ***43,300**	*15 350 ***33,200**	12 300 **26,400**	*11 700 ***25,100**	8050 **17,350**			*9650 ***21,200**	6750 **14,950**	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.

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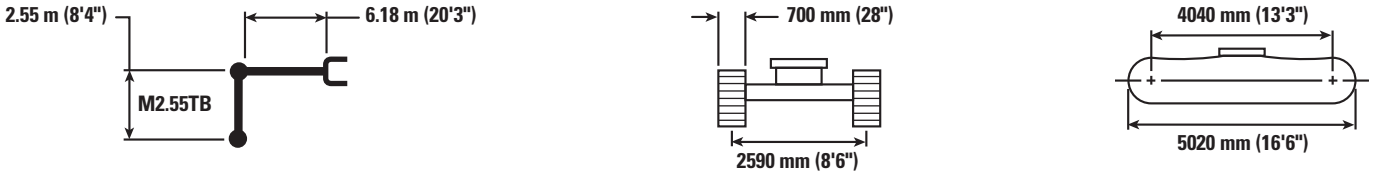
Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 6.0 mt (6.6 t)



		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	6750	*7900 ***17,450**	6600 **14,650**	7600 **300**
4500 mm **180 in**	kg **lb**			*13 400 ***28,750**	*13 400 ***28,750**	*10 650 ***23,050**	9300 **20,100**	*9300 ***20,300**	6600 **14,100**	*7900 ***17,400**	5650 **12,500**	8210 **330**
3000 mm **120 in**	kg **lb**			*16 350 ***35,150**	13 250 **28,600**	*11 950 ***25,900**	8800 **18,900**	*9900 ***21,500**	6300 **13,600**	*8200 ***18,050**	5200 **11,450**	8520 **340**
1500 mm **60 in**	kg **lb**			*18 200 ***39,250**	12 450 **26,800**	*13 050 ***28,250**	8300 **17,900**	9850 **21,200**	6100 **13,100**	8100 **17,850**	5050 **11,100**	8550 **340**
0 mm **0 in**	kg **lb**			*18 350 ***39,800**	12 150 **26,150**	*13 550 ***29,150**	8050 **17,350**	9700 **20,850**	5950 **12,750**	8350 **18,400**	5150 **11,350**	8310 **330**
–1500 mm **–60 in**	kg **lb**	*16 900 ***38,350**	*16 900 ***38,350**	*17 450 ***37,800**	12 200 **26,150**	*13 200 ***28,550**	8000 **17,200**	9650 **20,850**	5900 **12,750**	9200 **20,300**	5650 **12,450**	7780 **310**
–3000 mm **–120 in**	kg **lb**	*19 950 ***43,300**	*19 950 ***43,300**	*15 350 ***33,200**	12 400 **26,650**	*11 700 ***25,100**	8100 **17,500**			*9650 ***21,200**	6800 **15,100**	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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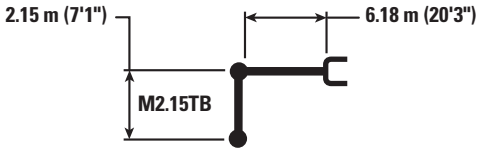
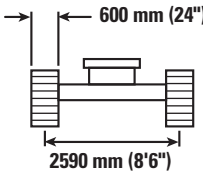
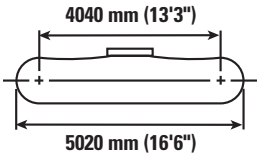
336D2 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 6.0 mt (6.6 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 9750				*10 050 ***22,300**	9650 **21,950**	6030 **240**
6000 mm **240 in**	kg **lb**					*10 150 ***22,150**	9600 **20,650**			*9700 ***21,350**	7200 **16,100**	7120 **280**
4500 mm **180 in**	kg **lb**			*14 250 ***30,650**	14 150 **30,500**	*11 150 ***24,150**	9150 **19,750**	*9750 ***21,300**	6500 **13,900**	*9600 ***21,150**	6100 **13,500**	7780 **310**
3000 mm **120 in**	kg **lb**			* ***36,850**	 **27,800**	*12 400 ***26,800**	8650 **18,600**	10 000 **21,550**	6250 **13,450**	8900 **19,600**	5550 **12,250**	8100 **320**
1500 mm **60 in**	kg **lb**					*13 350 ***28,850**	8200 **17,700**	9800 **21,050**	6050 **13,000**	8700 **19,100**	5400 **11,850**	8140 **320**
0 mm **0 in**	kg **lb**			*18 150 ***39,450**	12 100 **26,000**	13 450 **28,900**	8000 **17,200**	9650 **20,800**	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 **26,150**	*13 000 ***28,100**	8000 **17,200**			10 050 **22,150**	6150 **13,550**	7320 **290**
–3000 mm **–120 in**	kg **lb**	*17 950 ***39,050**	*17 950 ***39,050**	*14 500 ***31,350**	12 450 **26,750**	*11 050 ***23,550**	8200 **17,700**			*10 100 ***22,250**	7600 **16,950**	6360 **250**

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

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Standard Equipment

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

ENGINE
- C9 engine
- Meets U.S. EPA Tier 2, EU Stage II, and China Tier 2 emission regulations
- 2300 m (7,546 ft) altitude capability
- Radial seal air filters (primary and secondary filter)
- Glow plugs (for cold weather start)
- Automatic engine speed control with one touch low idle
- High ambient cooling package 52° C (125° F)
- Water separator with water level indicator sensor
- Waved fin radiator with space for cleaning
- Two-speed travel
- Electric priming pump
- Fuel pressure differential gauge

HYDRAULIC SYSTEM
- Regeneration circuits for boom and stick
- Auxiliary hydraulic valve
- Reverse swing damping valve
- Automatic swing parking brake
- Boom drift reducing valve
- Boom lowering device for back-up
- Stick drift reducing valve
- Straight travel hydraulic circuit
- High performance hydraulic return filters

CAB
- Pressurized cab
- Fully adjustable mechanical suspension seat
- Adjustable armrest
- Retractable seat belt (51 mm [2 in] width)
- 70/30 split front windshield
- Laminated upper front windshield and tempered other windows
- Sliding upper door window
- Openable front windshield with assist device
- Pillar mounted upper windshield wiper and washer
- Bi-level air conditioner (automatic) with defroster (pressurized function)
- Color LCD display with warning, filter/fluid change, and working hour information
- Control lever joysticks
- Neutral lever (lock out) for all controls
- Travel control pedals with removable hand levers
- Radio mounting (DIN size)
- Radio ready
- 12V – 2× maximum 10A power supply
- Two stereo speakers
- Beverage holder
- Coat hook
- Openable roof hatch
- Washable floor mat

UNDERCARRIAGE
- Idler and center section track guiding guard
- Towing eye on base frame
- Grease lubricated track

ELECTRICAL
- Batteries (×2)
- 65 amp alternator

LIGHTS
- Left boom working light
- Storage box mounted right working light
- Interior lighting

SAFETY AND SECURITY
- Cat one key security system
- Door and compartment locks
- Signaling/warning horn
- Rearview mirrors
- Fire wall between engine and pump compartment
- Emergency engine shutoff switch
- Emergency exit rear window
- Battery disconnect switch

COUNTERWEIGHT
- 6.0 mt (6.6 t) counterweight

TECHNOLOGY
- Cat Electronic Technician data link

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

AEHQ7176 (11-2013)
(Global)

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