329D2/D2 L

Hydraulic Excavator

Engine		
Engine Model	Cat® C7.1	
Engine Power (ISO 14396)	158 kW	209 hp
Net Power (SAE J1349/ISO 9249)	151 kW	203 hp

Weights		
Minimum Operating Weight	27 835 kg	61,370 lb
Maximum Operating Weight	30 115 kg	66,390 lb

Powerful, reliable, durable

The Cat 329D2/D2 L is designed and built for a variety of applications from quarry to industrial material-handling to construction and more. It is powerful, reliable, and durable with great productivity and versatility, making it an ideal machine whatever your job site needs.

Contents

The 329D2/D2 L comes with a number of new developments and features to help you make the best use of your machine including, isochronous engine speed control, a new fuel filtration system, a built-in economy mode to reduce fuel consumption by up to 11 percent. A variable speed fan with viscous clutch makes this machine productive, efficient, and safe.

Key Features

World class design combines excellent performance with low fuel consumption and top reliability

Performance/Efficiency

- Up to an 11% reduction in fuel consumption
- Improves fuel efficiency by managing pump and isochronous engine speed control
- Electrical Fuel Priming Pump (EPP) replaces hand priming pump
- Pressure sensor added to measure Negative Flow Control, improving hydraulic efficiency

Ease of Operation

- Ergonomically designed cab with easy to operate controls
- Multiple seat and joystick adjustment options enhance comfort
- Excellent work site visibility from cab enhances productivity
- Optimized low effort joystick controls reduce operator fatigue
- New monitor with 40% larger viewing screen, 4× higher resolution and 42 language options available

Reliability/Serviceability

- Strong and durable carbody designed to work in the toughest operating conditions
- All electrical wires are colored, numbered and protected with thick braiding for ease of identification and durability
- Modified X-frame structure provides long life and durability
- Heavy duty booms and sticks are standard
- Grease and Lubricated Tracks (GLT) provide longer life
- New fuel injection system improves reliability

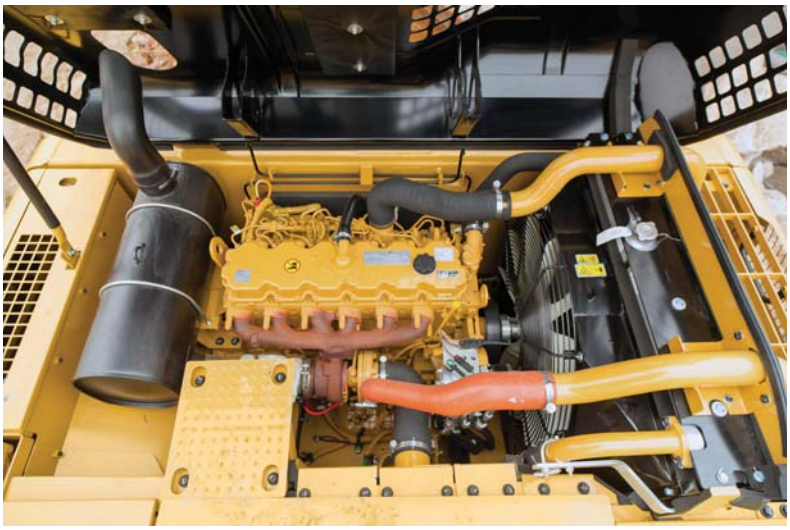
Reduced Costs

- Improved filtration efficiency and machine robustness
- 500 hour service intervals
- Two power modes are available: High Horse Power (HHP) and ECO Mode. ECO Mode reduces fuel consumption up to 11% with no loss in digging or lifting forces

Technology

- Integrated Cat technology solutions increase production and minimize operating costs
- Product Link™ reports key information from the machine to any location
- Cat AccuGrade™ technologies enable precise operation

Engine
Built for power, reliability and economy



Reliable Cat C7.1 Engine

The Cat C7.1 engine has been designed to meet Tier 2, Stage II, and China Stage II equivalent emission standards. The C7.1 engine incorporates proven, robust components and precision manufacturing you can count on for reliable and efficient operation. This is a proven engine that boasts improved reliability, as it's less sensitive to low quality fuel and also delivers reduced fuel consumption.

An ECO-Mode feature helps reduce fuel consumption by up to 11 percent for fuel-conscious customers.

Automatic Engine Speed Control

Automatic engine speed control is activated during no-load or light-load conditions which reduces engine speed minimizing fuel consumption.

Air Cleaner

The radially sealed air filter features a double-layered filter core for more efficient filtration and is located in a compartment behind the cab.

A warning is displayed on the monitor when dust accumulates above a preset level.

Filtration System

The C7.1 engine features an improved filtration system to ensure good reliability to fuel injection system components. Intervals have been extended and the number of filters has been increased to 3. The primary filter and the secondary twin filters improve filtration efficiency and machine robustness.

Operator Station

Comfort and convenience to keep you productive all day long

Monitor

The new monitor on the 329D2/D2 L features a 40 percent larger screen with four times increased resolution display.

The LCD monitor is equipped with a warning lamp and buzzer for critical engine oil pressure, coolant temperature and oil temperature. Programmable in up to 42 languages to meet today's diverse workforce, the monitor clearly displays critical information needed to operate efficiently and effectively.

Filters and fluid change intervals are available in the main menu which also projects the image from the optional rearview camera, further enhancing your job site safety and productivity.

Seat

The mechanical or air suspension seats provide a variety of adjustments to accommodate a wide range of operators. All seats include a reclining back, upper and lower seat slide adjustments, and height and tilt adjustments.

Controls

Operators can adjust the right and left joysticks for individual preferences, helping them become more comfortable, more productive, and more alert. Low-effort, pilot-operated joystick controls are designed to match your natural wrist and arm position for maximum comfort and minimum fatigue.

Climate Control

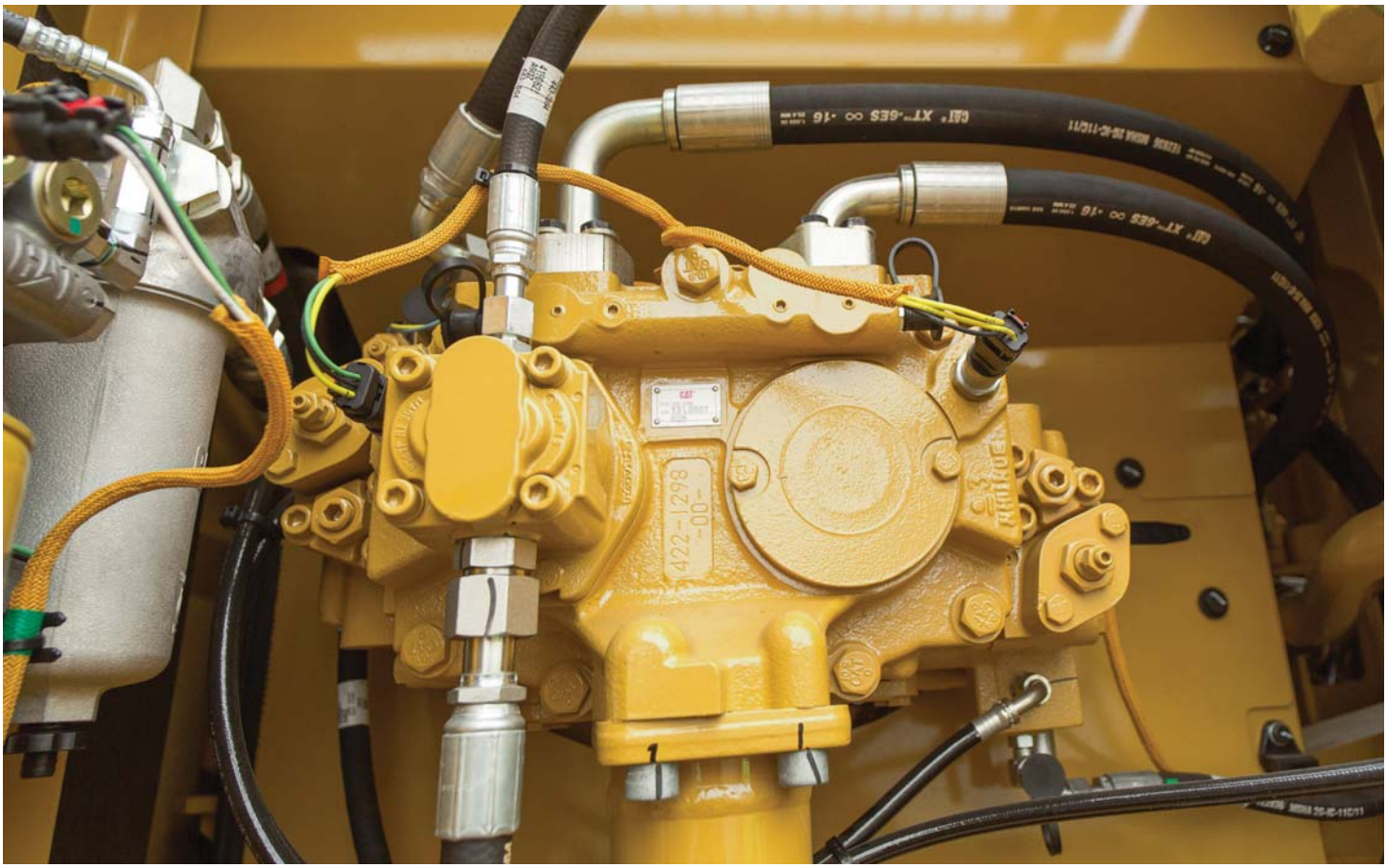
The 329D2/D2 L offers positive filtered ventilation with a pressurized cab. Fresh air or recirculated air can be selected, which makes working in the heat and cold much more pleasant.

Cab Structure and Mounts

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

Hydraulics

Precise power and control to move more material



Hydraulic System

Hydraulic system pressure from the two-hydraulic pump system delivers terrific digging performance and productivity.

Pilot System

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

Component Layout

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.

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, multi-processors, 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.

Undercarriage and Structures

Built to work in your tough, heavy-duty applications

Robotic Welding

Up to 95% of the structural welds on a Cat Excavator are completed by robots. Robotic welds achieve over three times the penetration of manual welds.

Carbody Design and Track Roller Frames

X-shaped, box-section carbody provides excellent resistance to torsional bending. Robot-welded track roller frames are press-formed, pentagonal units which deliver exceptional strength and service life.

Rollers and Idlers

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

Standard Undercarriage

The standard undercarriage is well suited for machine applications requiring frequent repositioning, restricted working space or uneven rocky terrain.

Long Undercarriage

The long undercarriage (L) maximizes stability and lift capacity. This long, wide and sturdy undercarriage offers a very stable work platform.

Tracks

The 329D2/D2 L track links are assembled and sealed with grease to decrease internal bushing wear, reduce travel noise and extend service life lowering operating costs.

Counterweights

The 5.9 mt (6.5 t) standard weight makes a better choice for heavy lifting with long undercarriage. Counterweights are bolted directly to the main frame for extra rigidity.

Front Linkage

Options to take on your far-reaching or up-close tasks

Reach Boom and Heavy-Duty Reach Boom Front Linkage

The 6.15 m (10'2") heavy-duty (HD) reach boom is reinforced to be used in the severest applications for maximum digging capability. The 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.

The Standard and HD reach booms have four stick options available to meet all your application requirements.

- R3.2 (10'6") CB2 and CB2 HD sticks
- R2.65 (8'8") CB2 and CB2 HD sticks

Mass Boom Front Linkage

The mass excavation (ME) front linkage is designed to maximize machine performance through superior digging forces and a larger bucket capacity. The 5.55 m (18'3") mass excavation boom is reinforced with a large cross section and internal baffle plates for long life and durability.

- M2.5DB (8'2") stick

SLR Boom Front Linkage

Super Long Reach (SLR) machines come with heavy counterweight to give you enhanced stability. Their booms, sticks, and frames are built to handle the stresses such distant work can bring.

- SLR boom (10.2 m/33'6") with SLR stick (7.85 m/25'9")

Service and Maintenance

Designed to make your maintenance quick and easy

Ground-Level Service

The design and layout of the 329D2/D2 L 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 cleaner plugs, a warning is displayed on the monitor screen inside the cab.

Pump Compartment

A service door on the right side of the upper structure allows ground-level access to the pump, pilot filter, and water separator with primary fuel filter.

Radiator Compartment

The left rear service door allows easy access to the engine radiator, oil cooler, air-to-air-aftercooler, water separator, second and third fuel filters, and fuel cooler. A reserve tank and drain cock are attached to the radiator for simplified maintenance.

Greasing Points

A concentrated remote greasing block on the boom delivers grease to hard-to-reach locations on the front.

Fan Guard

The engine radiator fan is completely enclosed by fine wire mesh, reducing the risk of an accident.

Anti-Skid Plate

Anti-skid plate covers top of storage box and upper structure to prevent slipping during maintenance.

Diagnostics and Monitoring

The 329D2/D2 L is equipped with S·O·S℠ sampling ports and hydraulic test ports for the hydraulic system, engine oil, and for coolant.

Work Tools

Do more jobs with one machine

1

2

3

3

4

4

Each Cat work tool attachment 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 are available for your 329D2/D2 L. Contact your local Cat dealer for more information on the attachments available in your region.

Buckets

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

1 – General Duty Buckets (GD)

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

2 – 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.

3 – Severe Duty Buckets (SD)

These buckets are best suited to highly abrasive applications such as shot rock, sand stone, and granite.

4 – Extreme Duty Buckets (XD)

These buckets are for very high abrasion conditions including high quartzite granite.
Example: Digging conditions where tip life is less than or equal to 200 hours with Extra Duty tips.

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 the pin grabber style 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 of performance, quality, and serviceability along with Caterpillar manufacturing and logistics experience.

E Series hammers are quiet, and noise suppression is valuable in urban and restricted work areas.

Pin On Rippers, Rip and Load Package

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 replace the bucket on Cat excavators, converting them to the ideal machine for handling loose material, sorting trash, and demolition site cleanup. An array of styles and sizes are 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 cutting tasks such as cutting steel rebar and tanks.

Shear

Cat shears are designed for Cat machines – taking full advantage of the hydraulic flows and pressures to enhance productivity without compromising safety or causing premature wear of the shear and carrier.

Pulverizer

The excavator mounted mechanical pulverizer is a cost-effective tool for recycling demolished concrete debris. The bucket cylinder on the excavator powers the mechanical pulverizer. This eliminates the need for a dedicated cylinder and associated hydraulics and additional installation cost.

Vibratory Plate Compactor

Compactors enhance the versatility of your excavator and makes compacting faster, more efficient, and cost-effective. Cat compactors are the superior choice for any job site's compaction tasks.

Crusher

The hydraulic concrete crusher has taken modern demolition technology a step further. It is well suited for concrete demolition in residential areas. The hydraulic concrete crusher combines several concrete demolition operations in one piece of equipment:

- breaking out concrete from fixed structures
- pulverizing concrete
- cutting reinforcement rods and small steel profiles

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 offer 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.

Cat Connect LINK Technologies

LINK technologies wirelessly connect you to your equipment giving you access to essential information you need to know to run your business. Link data can give you valuable insight into how your machine or fleet is performing so you can make timely, fact-based decisions that can boost job site efficiency and productivity.

Product Link/VisionLink®

Product Link is deeply integrated into your machine, helping to take the guesswork out of equipment management. Easy access to timely information like machine location, hours, fuel usage, idle time and event codes via the online VisionLink user interface can help you effectively manage your fleet and lower operating costs.

Cat Connect GRADE Technologies

GRADE technologies combine digital design data, in-cab guidance and automatic machine control to help operators hit target grade faster and finish jobs quickly, accurately, and in fewer passes – improving grading productivity and efficiency with less rework.

Cat AccuGrade

The dealer-installed AccuGrade system provides operators an easy-to-read display to deliver real-time cut/fill data to guide operators to grade quickly. Experienced operators can maintain peak efficiency levels throughout the work day, and less experienced operators can be more productive faster. AccuGrade reduces grade checking and staking, labor and material costs, and improves job site safety.

Caterpillar offers a choice of:

- Depth and Slope Guidance – for simple 2D planes and slopes
- Global Navigation Satellite System – for complex 3D designs

AccuGrade Ready Option (ARO)

The factory AccuGrade Ready Option provides optimal mounting locations, brackets, and hardware to make the AccuGrade installation quick and easy. Deep integration optimizes machine and system performance and productivity.

Cat Connect DETECT Technologies

DETECT technologies combine safety features, functionalities and alerts to enhance your job site awareness and keep your people and assets safe.

Rearview Camera

Rear vision cameras greatly enhance visibility behind the machine, helping the operator work more safely and productively. The camera view is automatically displayed on the integrated in-cab monitor increasing awareness of the working area around the machine giving the operator the confidence to work more safely and efficiently, at maximum potential.

Complete Customer Support

Unmatched support makes the difference

Product Support

You can maximize your machines' uptime with the Cat worldwide dealer network. You can also decrease your repair costs by utilizing Cat remanufactured components while contributing to sustainable development.

Machine Selection

What are the job requirements and machine attachments? What production do you need? Your Cat dealer can provide recommendations to help you make the right machine configuration.

Purchase

You can ensure lower owning and operating costs by utilizing unique Cat dealer services and financing options.

Customer Support Agreements

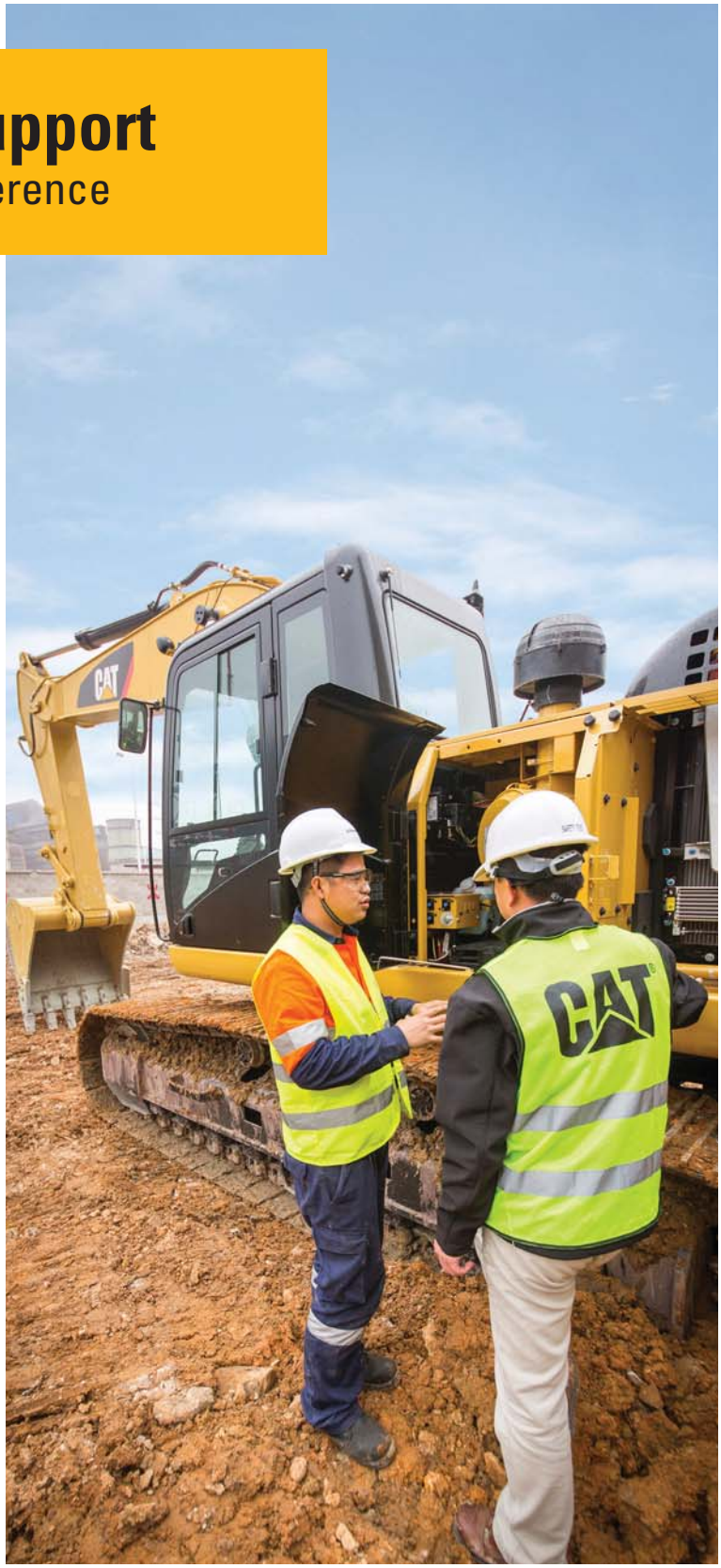
Cat dealers offer a variety of customer support agreements and work with you to develop a plan to meet your specific needs. These plans can cover the entire machine, including attachments, to help protect your investment.

Operation

You can boost your profits by improving your operators' techniques. Your Cat dealer has videos, literature, and other ideas to help increase productivity. Caterpillar also offers simulators and certified operator training to help maximize the return on your investment.

Replacement

Repair, rebuild, or replace? Your Cat dealer can help you evaluate the cost involved so you can make the best choice for your business.



Engine

Engine Model	Cat C7.1 ATAAC	
Type	Direct Injection	
Engine Power (ISO 14396)	158 kW	209 hp
Net Power (SAE J1349/ISO 9249)	151 kW	203 hp
Displacement	7.01 L	428 in^3
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Rated Speed (engine)	1,800 rpm	
Hi-Idle Speed	1,700 rpm	
Low-Idle Speed	950 rpm	
Maximum Torque (torque peak) @ 1,400 rpm	900 N·m	663.8 lbf-ft
Maximum Altitude (without derate)	3000 m	9,842 ft
Maximum Altitude (with derate)	5000 m	16,404 ft

- All engine horsepower (hp) are metric including front page.
- The C7.1 engine meets Tier 2, Stage II, and China Stage II equivalent emission standards.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator.
- Full engine net power up to 3000 m (9,842 ft) altitude (engine derating required above 3000 m [9,842 ft]).

Weights

Minimum Operating Weight*	27 835 kg	61,370 lb
Maximum Operating Weight**	30 115 kg	66,390 lb

*6.15 m (20'2") HD reach boom, R3.2CB2 (10'6") stick, 1.54 m^3 (2.02 yd^3) bucket, 600 mm (24") triple grouser track shoes

**Long undercarriage, 6.15 m (20'2") HD reach boom, R3.2CB2 (10'6") stick, 1.54 m^3 (2.02 yd^3) bucket, 800 mm (32") triple grouser track shoes

Swing Mechanism

Swing Speed	9.6 rpm	
Swing Torque	82.2 kN·m	60,627.6 lbf-ft

Drive

Maximum Travel Speed	5.3 km/h	3.4 mph
Maximum Drawbar Pull	248 kN	55,752.6 lbf

Service Refill Capacities

Fuel Tank Capacity	520 L	137.4 gal
Cooling System	31 L	8.2 gal
Engine Oil	22 L	5.8 gal
Swing Drive	10 L	2.6 gal
Final Drive (each)	6 L	1.6 gal
Hydraulic System (including tank)	310 L	81.9 gal
Hydraulic Tank	257 L	67.9 gal

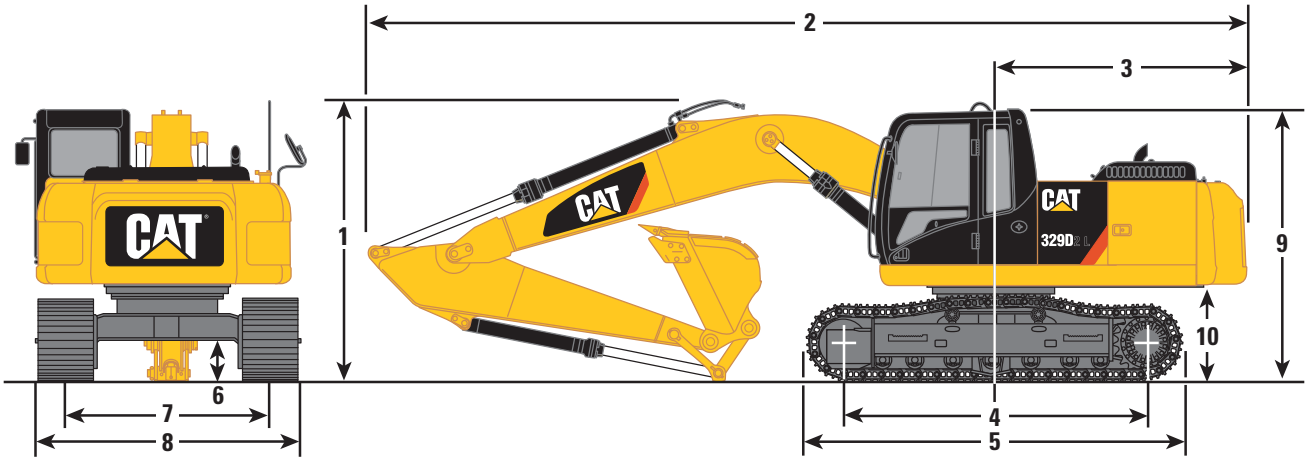
Hydraulic System

Main System – Maximum Flow at Travel H/L (1,800 rpm)	254 × 2 (508 total) L/min	67.1 × 2 (134.2 total) gal/min
Main System – Maximum Flow at Travel L/L (1,750 rpm)	247 × 2 (494 total) L/min	65.2 × 2 (130.4 total) gal/min
Main System – Maximum Flow (each) at Operation (1,700 rpm)	240 × 2 (480 total) L/min	63.4 × 2 (126.8 total) gal/min
Swing System – Maximum Flow	240 L/min	63.4 gal/min
Maximum Pressure – Equipment	35 MPa	5,076.4 psi
Maximum Pressure – Travel	35 MPa	5,076.4 psi
Maximum Pressure – Swing	27.5 MPa	3,982.7 psi
Pilot System – Maximum Flow	23.1 L/min	6.1 gal/min
Pilot System – Maximum Pressure	3920 kPa	568.6 psi
Boom Cylinder – Bore	140 mm	5.5 in
Boom Cylinder – Stroke	1407 mm	55.4 in
Stick Cylinder – Bore	150 mm	5.9 in
Stick Cylinder – Stroke	1646 mm	64.8 in
CB2 Bucket Cylinder – Bore	135 mm	5.3 in
CB2 Bucket Cylinder – Stroke	1156 mm	45.5 in
DB Bucket Cylinder – Bore	150 mm	5.9 in
DB Bucket Cylinder – Stroke	1151 mm	45.3 in

329D2/D2 L Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



	Reach Boom* 6.15 m (20'2")		Mass Boom 5.55 m (18'3")	SLR Boom 10.2 m (33'6")
Stick Type	**R3.2CB2 (10'6")**	**R2.65CB2 (8'8")**	**M2.5DB (8'2")**	**SLR Stick 7.85 m (25'9")**
1 Shipping Height**	3330 mm (10'11")	3420 mm (11'3")	3490 mm (11'5")	3230 mm (10'7")
2 Shipping Length	10 360 mm (34'0")	10 370 mm (34'0")	9800 mm (32'2")	14 420 mm (47'4")
3 Tail Swing Radius	3080 mm (10'1")	3080 mm (10'1")	3080 mm (10'1")	3080 mm (10'1")
4 Length to Center of Rollers				
Standard Undercarriage	3490 mm (11'5")	3490 mm (11'5")	3490 mm (11'5")	—
Long Undercarriage	3990 mm (13'1")	3990 mm (13'1")	3990 mm (13'1")	3990 mm (13'1")
5 Track Length				
Standard Undercarriage	4360 mm (14'4")	4360 mm (14'4")	4360 mm (14'4")	—
Long Undercarriage	4860 mm (15'11")	4860 mm (15'11")	4860 mm (15'11")	4860 mm (15'11")
6 Ground Clearance***	480 mm (19")	480 mm (19")	480 mm (19")	480 mm (19")
7 Track Gauge				
Standard Undercarriage	2390 mm (7'10")	2390 mm (7'10")	2390 mm (7'10")	—
Long Undercarriage	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")
8 Transport Width				
Standard Undercarriage				
600 mm (24") Shoes	2990 mm (9'10")	2990 mm (9'10")	2990 mm (9'10")	—
700 mm (28") Shoes	3090 mm (10'2")	3090 mm (10'2")	3090 mm (10'2")	—
800 mm (31") Shoes	3190 mm (10'6")	3190 mm (10'6")	3190 mm (10'6")	—
Long Undercarriage				
600 mm (24") Shoes	3190 mm (10'6")	3190 mm (10'6")	3190 mm (10'6")	3190 mm (10'6")
700 mm (28") Shoes	3290 mm (10'10")	3290 mm (10'10")	3290 mm (10'10")	3290 mm (10'10")
800 mm (31") Shoes	3390 mm (11'1")	3390 mm (11'1")	3390 mm (11'1")	3390 mm (11'1")
9 Cab Height**	3040 mm (10'0")	3040 mm (10'0")	3040 mm (10'0")	3040 mm (10'0")
10 Counterweight Clearance***	1100 mm (3'7")	1100 mm (3'7")	1100 mm (3'7")	1100 mm (3'7")
Bucket Type	SD	SD	SD	Ditch Cleaning
Bucket Capacity	1.54 m³ (2.01 yd³)	1.54 m³ (2.01 yd³)	2.12 m³ (2.77 yd³)	0.6 m³ (0.78 yd³)
Bucket Tip Radius	1690 mm (5'7")	1690 mm (5'7")	1780 mm (5'10")	1090 mm (3'7")

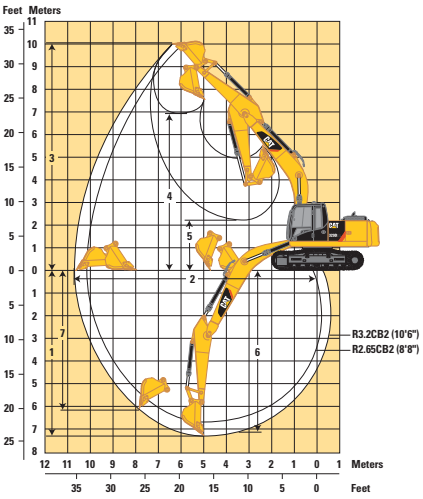
*HD Reach boom is same as Reach boom.

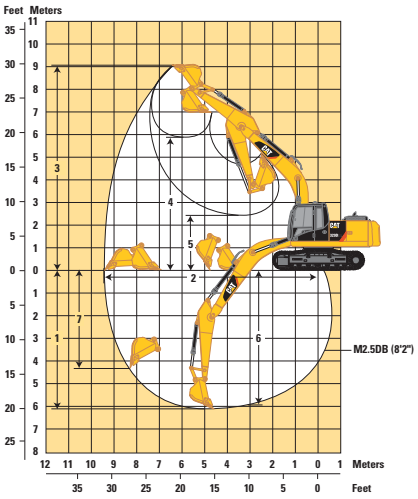
**Including shoe lug height.

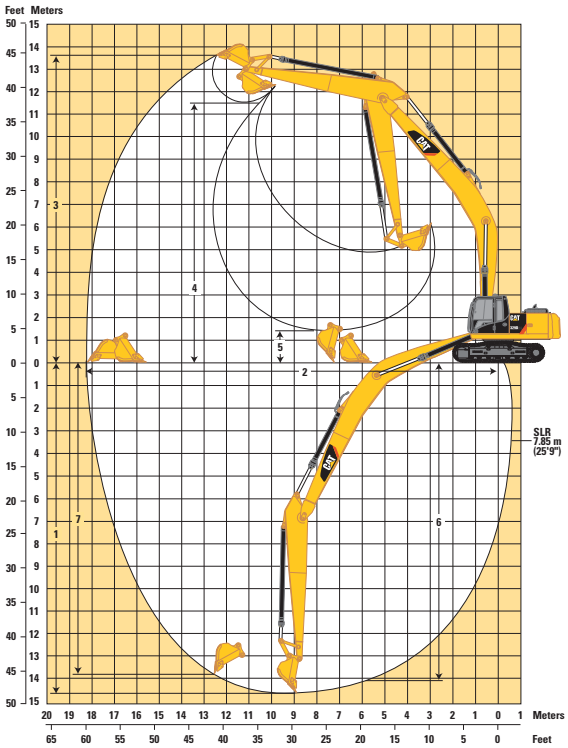
***Without shoe lug height.

Working Ranges

All dimensions are approximate.







	Reach Boom* 6.15 m (20'2")		Mass Boom 5.55 m (18'3")	SLR Boom 10.2 m (33'6")
Stick Type	**3.2 m (10'6")**	**2.65 m (8'8")**	**2.5 m (8'2")**	**SLR Stick 7.85 m (25'9")**
Bucket	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**2.12 m³ (2.77 yd³)**	**Ditch Cleaning 0.6 m³ (0.78 yd³)**
1 Maximum Digging Depth	7290 mm (23'11")	6740 mm (22'1")	6140 mm (20'2")	14 620 mm (48'0")
2 Maximum Reach at Ground Level	10 720 mm (35'2")	10 240 mm (33'7")	9470 mm (31'1")	18 290 mm (60'0")
3 Maximum Cutting Height	10 040 mm (32'11")	9930 mm (32'7")	9140 mm (30'0")	13 580 mm (44'7")
4 Maximum Loading Height	6900 mm (22'8")	6760 mm (22'2")	5960 mm (19'7")	11 550 mm (37'11")
5 Minimum Loading Height	2250 mm (7'5")	2800 mm (9'2")	2430 mm (8'0")	1300 mm (4'3")
6 Maximum Depth Cut for 2440 mm (8'1") Level Bottom	7130 mm (23'5")	6560 mm (21'6")	5950 mm (19'6")	14 150 mm (46'5")
7 Maximum Digging (Vertical Wall)	6160 mm (20'3")	5840 mm (19'2")	4290 mm (14'1")	13 840 mm (45'5")
Bucket Type	SD	SD	SD	Ditch Cleaning
Bucket Capacity	1.54 m³ (2.01 yd³)	1.54 m³ (2.01 yd³)	2.12 m³ (2.77 yd³)	0.6 m³ (0.78 yd³)
Bucket Tip Radius	1690 mm (5'7")	1690 mm (5'7")	1780 mm (5'10")	1090 mm (3'7")

*HD Reach boom is same as Reach boom.

Operating Weight and Ground Pressure

Boom	Reach				Reach (HD)				Mass	SLR
Stick	**R3.2**	**R3.2HD**	**R2.65**	**R2.65HD**	**R3.2**	**R3.2HD**	**R2.65**	**R2.65HD**	**M2.5**	**SLR Stick**
Bucket Linkage	**CB**	**CB**	**CB**	**CB**	**CB**	**CB**	**CB**	**CB**	**DB**	**—**
Bucket Capacity	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**2.12 m³ (2.77 yd³)**	**0.6 m³ (0.78 yd³)**
Bucket Width	**1400 mm (55 in)**	**1400 mm (55 in)**	**1400 mm (55 in)**	**1400 mm (55 in)**	**1400 mm (55 in)**	**1400 mm (55 in)**	**1400 mm (55 in)**	**1400 mm (55 in)**	**1700 mm (67 in)**	**— —**
Total Weight (600 TG)	27 837 kg (61,241 lb)	28 010 kg (61,622 lb)	27 663 kg (60,859 lb)	27 806 kg (61,173 lb)	27 990 kg (61,578 lb)	28 163 kg (61,959 lb)	27 816 kg (61,195 lb)	27 959 kg (61,510 lb)	28 343 kg (62,355 lb)	— —
Total Weight (790 TG-LC)	29 792 kg (65,542 lb)	29 965 kg (65,923 lb)	29 618 kg (65,160 lb)	29 761 kg (65,474 lb)	29 945 kg (65,879 lb)	30 118 kg (66,260 lb)	29 771 kg (65,496 lb)	29 914 kg (65,811 lb)	30 298 kg (66,656 lb)	30 589 kg (67,437 lb)
Ground Pressure										
Standard Undercarriage										
600 mm (24") TG	59.9 kPa (8.7 psi)	60.3 kPa (8.7 psi)	59.6 kPa (8.6 psi)	59.9 kPa (8.7 psi)	60.3 kPa (8.7 psi)	60.7 kPa (8.8 psi)	59.9 kPa (8.7 psi)	60.2 kPa (8.7 psi)	61.0 kPa (8.8 psi)	— —
700 mm (28") TG	52.0 kPa (7.5 psi)	52.3 kPa (7.6 psi)	51.6 kPa (7.5 psi)	51.9 kPa (7.5 psi)	52.2 kPa (7.6 psi)	52.6 kPa (7.6 psi)	51.9 kPa (7.5 psi)	52.2 kPa (7.6 psi)	52.9 kPa (7.7 psi)	— —
800 mm (31") TG	46.4 kPa (6.7 psi)	46.7 kPa (6.8 psi)	46.1 kPa (6.7 psi)	46.3 kPa (6.7 psi)	46.6 kPa (6.8 psi)	46.9 kPa (6.8 psi)	46.3 kPa (6.7 psi)	46.6 kPa (6.8 psi)	47.2 kPa (6.8 psi)	— —
600 mm (24") DG	60.8 kPa (8.8 psi)	61.2 kPa (8.9 psi)	60.4 kPa (8.8 psi)	60.7 kPa (8.8 psi)	61.1 kPa (8.9 psi)	61.5 kPa (8.9 psi)	60.7 kPa (8.8 psi)	61.0 kPa (8.8 psi)	61.9 kPa (9.0 psi)	— —
Long Undercarriage										
800 mm (31") TG (LC)	42.5 kPa (6.2 psi)	42.7 kPa (6.2 psi)	42.2 kPa (6.1 psi)	42.4 kPa (6.1 psi)	42.7 kPa (6.2 psi)	42.9 kPa (6.2 psi)	42.5 kPa (6.2 psi)	42.6 kPa (6.2 psi)	43.2 kPa (6.3 psi)	43.6 kPa (6.3 psi)
700 mm (28") TG (LC)	47.5 kPa (6.9 psi)	47.8 kPa (6.9 psi)	47.2 kPa (6.8 psi)	47.5 kPa (6.9 psi)	47.8 kPa (6.9 psi)	48.1 kPa (7.0 psi)	47.5 kPa (6.9 psi)	47.7 kPa (6.9 psi)	48.3 kPa (7.0 psi)	48.8 kPa (7.1 psi)
600 mm (24") TG (LC)	54.8 kPa (7.9 psi)	55.1 kPa (8.0 psi)	54.5 kPa (7.9 psi)	54.7 kPa (7.9 psi)	55.1 kPa (8.0 psi)	55.4 kPa (8.0 psi)	54.8 kPa (7.9 psi)	55.0 kPa (8.0 psi)	55.8 kPa (8.1 psi)	56.3 kPa (8.2 psi)
600 mm (24") TG HD (LC)	55.8 kPa (8.1 psi)	56.2 kPa (8.1 psi)	55.5 kPa (8.0 psi)	55.8 kPa (8.1 psi)	56.1 kPa (8.1 psi)	56.5 kPa (8.2 psi)	55.8 kPa (8.1 psi)	56.1 kPa (8.1 psi)	56.8 kPa (8.2 psi)	57.4 kPa (8.3 psi)
600 mm (24") DG (LC)	55.6 kPa (8.1 psi)	55.9 kPa (8.1 psi)	55.3 kPa (8.0 psi)	55.6 kPa (8.1 psi)	55.9 kPa (8.1 psi)	56.2 kPa (8.1 psi)	55.6 kPa (8.1 psi)	55.8 kPa (8.1 psi)	56.6 kPa (8.2 psi)	57.1 kPa (8.3 psi)

The ground pressure information is based on operating weights shown below.

ISO 6016 configuration: machine (upper and lower structure), front structure, 100% full fuel tank, fluids at normal level (i.e.: oils/water/lubricants), bucket (currently = WW major bucket) without fill materials, 75 kg (165 lb) operator.

Notes: No optional attachments are included, the bucket is empty.

Major Component Weights for Standard Undercarriage

Base Machine – Includes: Boom Cylinders, Pins, Fluids	7030 kg (15,500 lb)
Full Fuel Tank	430 kg (950 lb)
Counterweight (for use with Reach and Mass booms)	5860 kg (12,920 lb)
Counterweight (for use with Super Long Reach linkage)	6750 kg (14,880 lb)
Boom (includes lines, pins, and stick cylinder)	
Reach Boom – 6.15 m (20'2")	2270 kg (5,000 lb)
Reach Boom HD – 6.15 m (20'2")	2420 kg (5,340 lb)
Mass Boom – 5.55 m (18'3")	2390 kg (5,270 lb)
SLR Boom – 10.2 m (33'6")	3100 kg (6,830 lb)
Stick (includes lines, stick pins, bucket pins, bucket cylinder, and bucket linkage)	
R3.2CB2 (10'6")	1440 kg (3,170 lb)
R3.2CB2 HD (10'6")	1610 kg (3,550 lb)
R2.65CB2 (8'8")	1270 kg (2,800 lb)
R2.65CB2 HD (8'8")	1410 kg (3,110 lb)
M2.5DB (8'2")	1550 kg (3,420 lb)
Undercarriage	
Standard Undercarriage	5990 kg (13,210 lb)
Long Undercarriage	6630 kg (14,620 lb)
Tracks (Standard Undercarriage)	
600 mm (24") TG shoe	3220 kg (7,100 lb)
600 mm (24") DG shoe	3610 kg (7,960 lb)
700 mm (28") TG shoe	3530 kg (7,780 lb)
800 mm (31") TG shoe	4090 kg (9,020 lb)
Tracks (Long Undercarriage)	
600 mm (24") TG shoe	3580 kg (7,890 lb)
HD 600 mm (24") TG shoe	4120 kg (9,080 lb)
HD 600 mm (24") DG shoe	4000 kg (8,820 lb)
700 mm (28") TG shoe	3910 kg (8,620 lb)
800 mm (31") TG shoe	4540 kg (10,010 lb)

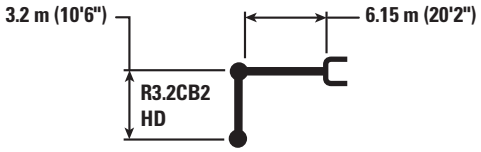
Bucket and Stick Forces

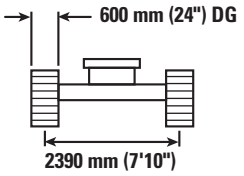
	Reach Boom* 6.15 m (20'2")				Mass Boom 5.55 m (18'3")	SLR Boom 10.2 m (33'6")
Stick Type	**R3.2 (10'6")**	**R3.2 HD (10'6")**	**R2.65 (8'8")**	**R2.65 HD (8'8")**	**M2.5 (8'2")**	**SLR 7.85 m (25'9")**
Bucket Capacity	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**1.54 m³ (2.01 yd³)**	**2.12 m³ (2.77 yd³)**	**0.6 m³ (0.78 yd³)**
Cutting Edge						
Bucket Digging Force (ISO)	179 kN (40,152 lbf)	179 kN (40,152 lbf)	179 kN (40,152 lbf)	179 kN (40,152 lbf)	211 kN (47,458 lbf)	63 kN (14,223 lbf)
Stick Digging Force (ISO)	126 kN (28,374 lbf)	126 kN (28,374 lbf)	145 kN (32,526 lbf)	145 kN (32,526 lbf)	153 kN (34,334 lbf)	46 kN (10,352 lbf)
Bucket Tip						
Bucket Digging Force (SAE)	154 kN (34,709 lbf)	154 kN (34,709 lbf)	154 kN (34,709 lbf)	154 kN (34,709 lbf)	184 kN (41,417 lbf)	63 kN (14,223 lbf)
Stick Digging Force (SAE)	122 kN (27,423 lbf)	122 kN (27,423 lbf)	139 kN (31,263 lbf)	139 kN (31,263 lbf)	147 kN (33,028 lbf)	46 kN (10,352 lbf)

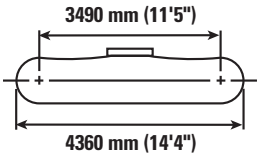
*Reach and HD Reach booms.

329D2/D2 L Hydraulic Excavator Specifications

329D2 HD Reach Boom Lift Capacities – Counterweight: 5.9 mt (6.5 t) – Without Bucket







		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
																m ft
7.5 m **25.0 ft**	kg **lb**													*5100 ***11,250**	*5100 ***11,250**	7.28 **23.9**
6.0 m **20.0 ft**	kg **lb**									*7000 ***15,150**	5050 **10,750**			*4850 ***10,650**	4250 **9,450**	8.23 **27.0**
4.5 m **15.0 ft**	kg **lb**							*8200 ***17,800**	6950 **14,950**	6950 **14,900**	4900 **10,500**			*4800 ***10,550**	3700 **8,200**	8.83 **29.0**
3.0 m **10.0 ft**	kg **lb**					*12 650 ***27,200**	9950 **21,450**	9500 **20,400**	6550 **14,100**	6700 **14,450**	4700 **10,100**	5050	3500	4950 ***10,850**	3400 **7,550**	9.14 **30.0**
1.5 m **5.0 ft**	kg **lb**					14 150 **30,450**	9200 **19,800**	9050 **19,500**	6150 **13,250**	6500 **14,000**	4500 **9,650**	4950 **10,650**	3400 **7,350**	4800 **10,550**	3300 **7,300**	9.19 **30.2**
0 m **0 ft**	kg **lb**					13 750 **29,450**	8800 **18,950**	8750 **18,850**	5900 **12,700**	6350 **13,650**	4350 **9,300**			4900 **10,750**	3350 **7,400**	8.99 **29.5**
–1.5 m **–5.0 ft**	kg **lb**	*6300 ***14,050**	*6300 ***14,050**	*9950 ***22,600**	*9950 ***22,600**	13 600 **29,200**	8700 **18,700**	8650 **18,600**	5750 **12,450**	6250 **13,450**	4250 **9,150**			5250 **11,600**	3600 **7,950**	8.53 **28.0**
–3.0 m **–10.0 ft**	kg **lb**	*11 400 ***25,550**	*11 400 ***25,550**	*16 150 ***36,650**	*16 150 ***36,650**	13 700 **29,400**	8800 **18,900**	8650 **18,650**	5800 **12,500**	6300 **13,600**	4300 **9,300**			6050 **13,400**	4150 **9,200**	7.74 **25.4**
–4.5 m **–15.0 ft**	kg **lb**			*17 550 ***37,700**	*17 550 ***37,700**	*12 850 ***27,600**	9000 **19,450**	8850 **19,150**	6000 **12,950**					7900 **17,700**	5400 **12,050**	6.52 **21.4**

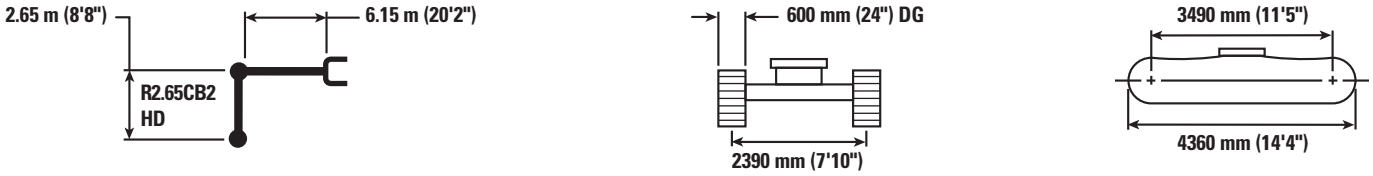
* **ISO 10567**

*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.

329D2 HD Reach Boom Lift Capacities – Counterweight: 5.9 mt (6.5 t) – Without Bucket



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft
7.5 m **25.0 ft**	kg **lb**					***17,200**	**15,600**			*6700 ***14,800**	6100 **13,700**	6.67 **21.9**
6.0 m **20.0 ft**	kg **lb**					*8000 ***17,450**	7200 **15,450**	7050 ***14,300**	5000 **10,650**	*6300 ***13,850**	4750 **10,600**	7.70 **25.3**
4.5 m **15.0 ft**	kg **lb**			*11 050 ***23,700**	10 650 **23,000**	*9000 ***19,450**	6900 **14,850**	6950 **14,900**	4900 **10,500**	5850 **12,900**	4100 **9,100**	8.34 **27.4**
3.0 m **10.0 ft**	kg **lb**			*13 900 ***29,850**	9800 **21,150**	9450 **20,350**	6550 **14,050**	6750 **14,500**	4700 **10,150**	5400 **11,900**	3800 **8,350**	8.67 **28.4**
1.5 m **5.0 ft**	kg **lb**			14 150 **30,400**	9200 **19,800**	9100 **19,550**	6200 **13,350**	6550 **14,100**	4550 **9,800**	5250 **11,600**	3650 **8,050**	8.72 **28.6**
0 m **0 ft**	kg **lb**			13 900 **29,800**	8950 **19,250**	8850 **19,100**	6000 **12,900**	6450 **13,850**	4450 **9,550**	5400 **11,850**	3750 **8,250**	8.51 **27.9**
–1.5 m **–5.0 ft**	kg **lb**	*9700 ***22,150**	*9700 ***22,150**	13 850 **29,700**	8950 **19,200**	8800 **18,950**	5950 **12,750**	6400 **13,800**	4400 **9,500**	5850 **12,900**	4050 **8,950**	8.02 **26.3**
–3.0 m **–10.0 ft**	kg **lb**	*18 250 ***41,650**	17 800 **38,100**	14 000 **30,050**	9050 **19,500**	8850 **19,100**	6000 **12,950**			6900 **15,350**	4750 **10,550**	7.18 **23.6**
–4.5 m **–15.0 ft**	kg **lb**	*15 350	*15 350	*11 650 ***24,850**	9350 **20,150**					*8450 ***18,550**	6550 **14,700**	5.83 **19.1**

* **ISO 10567**

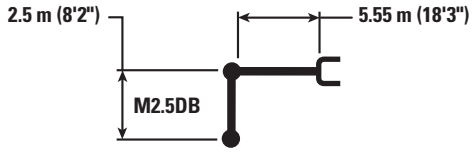
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

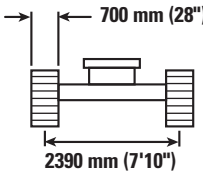
Lift capacity stays with ±5% for all available track shoes.

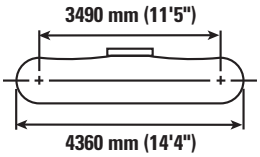
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

329D2/D2 L Hydraulic Excavator Specifications

329D2 Mass Boom Lift Capacities – Counterweight: 5.9 mt (6.5 t) – Without Bucket







		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m **ft**
7.5 m **25.0 ft**	kg **lb**									*7950 ***17,650**	*7950 ***17,650**	5.50 **18.0**
6.0 m **20.0 ft**	kg **lb**					*8800 ***19,300**	7150 **15,350**			*7400 ***16,300**	5900 **13,200**	6.72 **22.0**
4.5 m **15.0 ft**	kg **lb**			*11 150 ***24,100**	10 800 **23,300**	*9450 ***20,600**	6900 **14,900**			7000 **15,450**	4900 **10,900**	7.44 **24.4**
3.0 m **10.0 ft**	kg **lb**			*13 800 ***29,700**	10 050 **21,650**	9550 **20,500**	6600 **14,200**	6750 **14,500**	4750 **10,150**	6350 **14,000**	4450 **9,800**	7.81 **25.6**
1.5 m **5.0 ft**	kg **lb**			14 400 **30,950**	9400 **20,250**	9200 **19,750**	6300 **13,550**	6600 **14,200**	4600 **9,850**	6150 **13,550**	4300 **9,400**	7.87 **25.8**
0 m **0 ft**	kg **lb**			14 050 **30,200**	9100 **19,600**	8950 **19,300**	6100 **13,100**	6500 **14,000**	4500 **9,700**	6350 **13,950**	4400 **9,650**	7.64 **25.1**
–1.5 m **–5.0 ft**	kg **lb**	*16 400 ***37,300**	*16 400 ***37,300**	14 000 **30,050**	9050 **19,500**	8900 **19,150**	6050 **13,000**			7050 **15,550**	4850 **10,700**	7.08 **23.2**
–3.0 m **–10.0 ft**	kg **lb**	*19 150 ***41,450**	18 000 **38,550**	*14 050 ***30,300**	9200 **19,850**	9050	6150			8850 **19,700**	6050 **13,400**	6.10 **20.0**

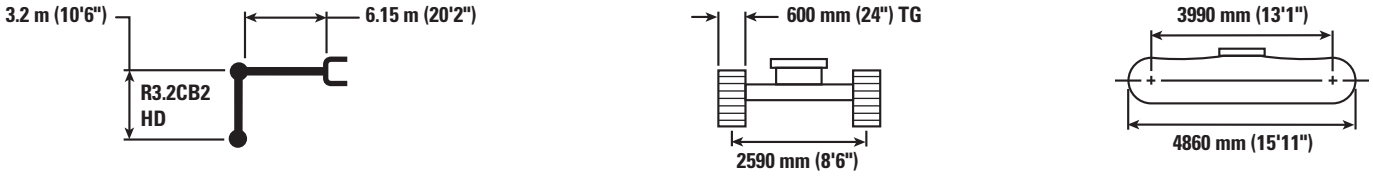
* **ISO 10567**

*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.

329D2 L HD Reach Boom Lift Capacities – Counterweight: 5.9 mt (6.5 t) – Without Bucket



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
																m ft
7.5 m **25.0 ft**	kg **lb**													*5100 ***11,250**	*5100 ***11,250**	7.28 **23.9**
6.0 m **20.0 ft**	kg **lb**									*7000 ***15,150**	5550 **11,900**			*4850 ***10,650**	4700 **10,450**	8.23 **27.0**
4.5 m **15.0 ft**	kg **lb**							*8200 ***17,800**	7650 **16,500**	*7400 ***16,150**	5400 **11,600**			*4800 ***10,550**	4100 **9,100**	8.83 **29.0**
3.0 m **10.0 ft**	kg **lb**					*12 650 ***27,200**	11 100 **23,950**	*9550 ***20,700**	7250 **15,600**	*8100 ***17,450**	5200 **11,150**	*5900	3900	*4950 ***10,850**	3800 **8,400**	9.14 **30.0**
1.5 m **5.0 ft**	kg **lb**					*15 100 ***32,550**	10 350 **22,250**	*10 850 ***23,500**	6850 **14,750**	7900 **16,950**	5000 **10,750**	6000 ***12,400**	3800 **8,200**	*5250 ***11,500**	3700 **8,100**	9.19 **30.2**
0 m **0 ft**	kg **lb**					*16 200 ***35,050**	9950 **21,350**	10 850 **23,250**	6600 **14,200**	7700 **16,600**	4850 **10,400**			*5750 ***12,650**	3750 **8,250**	8.99 **29.5**
–1.5 m **–5.0 ft**	kg **lb**	*6300 ***14,050**	*6300 ***14,050**	*9950 ***22,600**	*9950 ***22,600**	*16 200 ***35,050**	9850 **21,150**	10 700 **22,950**	6450 **13,950**	7650 **16,450**	4750 **10,250**			6400 **14,050**	4050 **8,850**	8.53 **28.0**
–3.0 m **–10.0 ft**	kg **lb**	*11 400 ***25,550**	*11 400 ***25,550**	*16 150 ***36,650**	*16 150 ***36,650**	*15 200 ***32,850**	9900 **21,300**	10 700 **23,000**	6500 **14,000**	7700 **16,600**	4800 **10,400**			7400 **16,350**	4650 **10,250**	7.74 **25.4**
–4.5 m **–15.0 ft**	kg **lb**			*17 550 ***37,700**	*17 550 ***37,700**	*12 850 ***27,600**	10 150 **21,850**	*9500 ***20,100**	6700 **14,450**					*8300 ***18,300**	6000 **13,450**	6.52 **21.4**

* ISO 10567

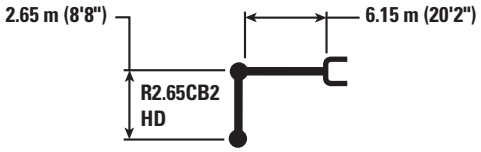
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

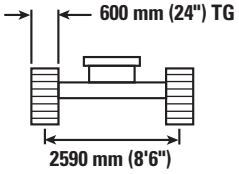
Lift capacity stays with ±5% for all available track shoes.

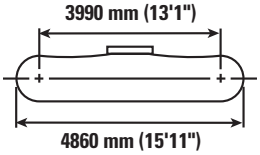
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

329D2/D2 L Hydraulic Excavator Specifications

329D2 L HD Reach Boom Lift Capacities – Counterweight: 5.9 mt (6.5 t) – Without Bucket







		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft
7.5 m **25.0 ft**	kg **lb**					 ***17,200**	 ***17,200**			*6700 ***14,800**	*6700 ***14,800**	6.67 **21.9**
6.0 m **20.0 ft**	kg **lb**					*8000 ***17,450**	7900 **17,000**	*7600 ***14,300**	5500 **11,750**	*6300 ***13,850**	5250 **11,700**	7.70 **25.3**
4.5 m **15.0 ft**	kg **lb**			*11 050 ***23,700**	*11 050 ***23,700**	*9000 ***19,450**	7600 **16,400**	*8000 ***17,500**	5400 **11,600**	*6200 ***13,650**	4550 **10,050**	8.34 **27.4**
3.0 m **10.0 ft**	kg **lb**			*13 900 ***29,850**	10 950 **23,650**	*10 250 ***22,200**	7250 **15,600**	8150 **17,500**	5250 **11,250**	*6350 ***13,950**	4200 **9,250**	8.67 **28.4**
1.5 m **5.0 ft**	kg **lb**			*15 550 ***34,450**	10 350 **22,250**	11 150 **24,000**	6900 **14,900**	7950 **17,100**	5050 **10,900**	6350 **14,000**	4100 **8,950**	8.72 **28.6**
0 m **0 ft**	kg **lb**			*16 500 ***35,850**	10 100 **21,700**	10 950 **23,500**	6700 **14,450**	7800 **16,800**	4950 **10,650**	6550 **14,350**	4150 **9,150**	8.51 **27.9**
–1.5 m **–5.0 ft**	kg **lb**	*9700 ***22,150**	*9700 ***22,150**	*16 100 ***34,900**	10 050 **21,650**	10 850 **23,300**	6650 **14,300**	7800 **16,750**	4900 **10,600**	7100 **15,650**	4500 **9,950**	8.02 **26.3**
–3.0 m **–10.0 ft**	kg **lb**	*18 250 ***41,650**	*18 250 ***41,650**	*14 650 ***31,700**	10 200 **21,900**	10 950 **23,500**	6700 **14,450**			8400 **18,650**	5300 **11,750**	7.18 **23.6**
–4.5 m **–15.0 ft**	kg **lb**	*15 350	*15 350	*11 650 ***24,850**	10 500 **22,600**					*8450 ***18,550**	7250 **16,350**	5.83 **19.1**

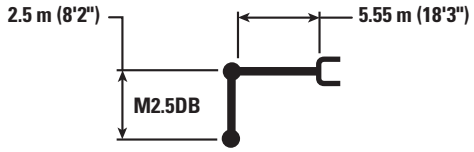
* **ISO 10567**

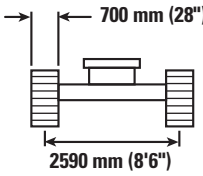
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

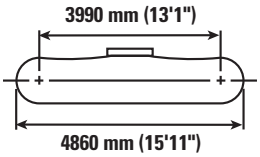
Lift capacity stays with ±5% for all available track shoes.

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

329D2 L Mass Boom Lift Capacities – Counterweight: 5.9 mt (6.5 t) – Without Bucket







		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft
7.5 m **25.0 ft**	kg **lb**									*7950 ***17,650**	*7950 ***17,650**	5.50 **18.0**
6.0 m **20.0 ft**	kg **lb**					*8800 ***19,300**	7950 **17,100**			*7400 ***16,300**	6600 **14,750**	6.72 **22.0**
4.5 m **15.0 ft**	kg **lb**			*11 150 ***24,100**	*11 150 ***24,100**	*9450 ***20,600**	7750 **16,650**			*7350 ***16,150**	5500 **12,200**	7.44 **24.4**
3.0 m **10.0 ft**	kg **lb**			*13 800 ***29,700**	11 350 **24,450**	*10 600 ***22,950**	7400 **15,950**	8250 **17,750**	5300 **11,400**	*7650 ***16,750**	5000 **11,000**	7.81 **25.6**
1.5 m **5.0 ft**	kg **lb**			*15 950 ***34,400**	10 700 **23,050**	11 450 **24,550**	7100 **15,250**	8100 **17,450**	5150 **11,100**	7550 **16,600**	4800 **10,600**	7.87 **25.8**
0 m **0 ft**	kg **lb**			*16 700 ***36,150**	10 400 **22,350**	11 200 **24,050**	6900 **14,800**	8000 **17,200**	5050 **10,900**	7800 **17,200**	4950 **10,900**	7.64 **25.1**
–1.5 m **–5.0 ft**	kg **lb**	*16 400 ***37,300**	*16 400 ***37,300**	*16 100 ***34,900**	10 350 **22,250**	11 150 **23,900**	6850 **14,700**			8700 **19,250**	5500 **12,100**	7.08 **23.2**
–3.0 m **–10.0 ft**	kg **lb**	*19 150 ***41,450**	*19 150 ***41,450**	*14 050 ***30,300**	10 500 **22,600**	*10 150	6950			*9850 ***21,700**	6800 **15,150**	6.10 **20.0**

* **ISO 10567**

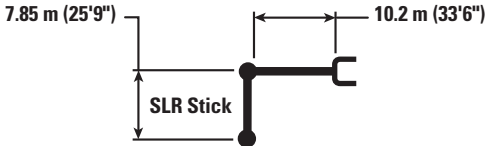
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

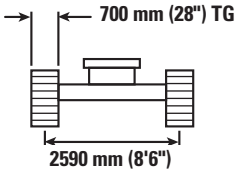
Lift capacity stays with ±5% for all available track shoes.

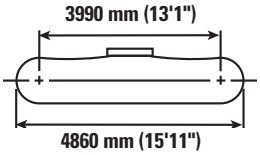
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

329D2/D2 L Hydraulic Excavator Specifications

329D2 L Super Long Reach Boom Lift Capacities – Counterweight: 6.8 mt (7.5 t) – Without Bucket







		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft
12.0 m **40.0 ft**	kg **lb**											*1300 ***2,900**	*1300 ***2,900**	14.03 **46.0**
10.5 m **35.0 ft**	kg **lb**											*1250 ***2,800**	*1250 ***2,800**	15.00 **49.2**
9.0 m **30.0 ft**	kg **lb**											*1250 ***2,750**	*1250 ***2,750**	15.77 **51.7**
7.5 m **25.0 ft**	kg **lb**											*1250 ***2,700**	*1250 ***2,700**	16.37 **53.7**
6.0 m **20.0 ft**	kg **lb**											*1250 ***2,750**	*1250 ***2,750**	16.81 **55.2**
4.5 m **15.0 ft**	kg **lb**											*1250 ***2,750**	*1250 ***2,750**	17.11 **56.1**
3.0 m **10.0 ft**	kg **lb**			*4200	*4200							*1300 ***2,850**	*1300 ***2,850**	17.27 **56.7**
1.5 m **5.0 ft**	kg **lb**			*1550 ***3,600**	*1550 ***3,600**	*5300 ***12,400**	*5300 ***12,400**	*7350 ***15,850**	7000 **15,150**	*5700 ***12,300**	5200 **11,250**	*1350 ***2,950**	1350 **2,950**	17.30 **56.8**
0 m **0 ft**	kg **lb**			*1700 ***3,800**	*1700 ***3,800**	*3700 ***8,400**	*3700 ***8,400**	*8400 ***18,450**	6250 **13,550**	*6500 ***14,050**	4750 **10,200**	*1450 ***3,150**	1350 **2,900**	17.19 **56.4**
–1.5 m **–5.0 ft**	kg **lb**	*1650 ***3,650**	*1650 ***3,650**	*2200 ***4,900**	*2200 ***4,900**	*3600 ***8,150**	*3600 ***8,150**	*6650 ***15,200**	5800 **12,500**	*7150 ***15,450**	4400 **9,450**	*1550 ***3,350**	1350 **2,900**	16.96 **55.6**
–3.0 m **–10.0 ft**	kg **lb**	*2250 ***5,000**	*2250 ***5,000**	*2750 ***6,200**	*2750 ***6,200**	*3950 ***8,900**	*3950 ***8,900**	*6350 ***14,500**	5550 **11,900**	7100 **15,300**	4150 **8,900**	*1650 ***3,650**	1350 **2,950**	16.58 **54.4**
–4.5 m **–15.0 ft**	kg **lb**	*2900 ***6,400**	*2900 ***6,400**	*3400 ***7,650**	*3400 ***7,650**	*4550 ***10,200**	*4550 ***10,200**	*6700 ***15,200**	5400 **11,650**	7000 **15,000**	4000 **8,650**	*1800 ***4,000**	1400 **3,100**	16.05 **52.7**
–6.0 m **–20.0 ft**	kg **lb**	*3550 ***7,850**	*3550 ***7,850**	*4100 ***9,200**	*4100 ***9,200**	*5250 ***11,850**	*5250 ***11,850**	*7400 ***16,800**	5400 **11,600**	6900 **14,900**	3950 **8,500**	*2050 ***4,550**	1500 **3,350**	15.36 **50.4**
–7.5 m **–25.0 ft**	kg **lb**	*4200 ***9,400**	*4200 ***9,400**	*4900 ***11,000**	*4900 ***11,000**	*6150 ***13,850**	*6150 ***13,850**	*8400 ***19,150**	5450 **11,750**	6950 **14,950**	4000 **8,550**	*2400 ***5,350**	1650 **3,700**	14.48 **47.5**
–9.0 m **–30.0 ft**	kg **lb**	*4950 ***11,100**	*4950 ***11,100**	*5750 ***12,950**	*5750 ***12,950**	*7200 ***16,250**	*7200 ***16,250**	*9550 ***20,550**	5600 **12,050**	7050 **15,150**	4050 **8,750**	*2950 ***6,600**	1900 **4,250**	13.37 **43.9**
–10.5 m **–35.0 ft**	kg **lb**	*5800 ***12,950**	*5800 ***12,950**	*6800 ***15,300**	*6800 ***15,300**	*8500 ***19,350**	*8500 ***19,350**	*8800 ***18,850**	5800 **12,550**	*7100 ***15,250**	4200 **9,100**	3850 **8,600**	2300 **5,200**	11.97 **39.3**
–12.0 m **–40.0 ft**	kg **lb**			*7950 ***18,050**	*7950 ***18,050**	*9750 ***20,650**	9450 **20,500**	*7650 ***16,200**	6100 **13,250**	*6200 ***13,100**	4450 **9,650**	*4300 ***9,500**	3000 **6,950**	10.15 **33.3**
–13.5 m **–45.0 ft**	kg **lb**											*4850	*4850	7.11

* ISO 10567

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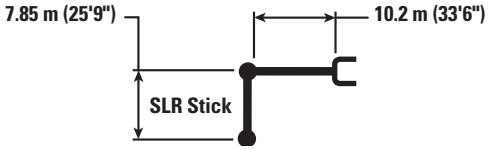
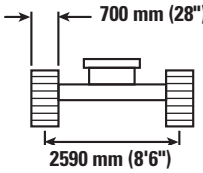
Lift capacity stays with ±5% for all available track shoes.

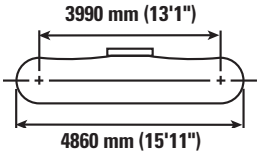
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

(continued on next page)

329D2 L Super Long Reach Boom Lift Capacities – Counterweight: 6.8 mt (7.5 t) – Without Bucket (continued)







		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft		15.0 m/50.0 ft				
														m ft
12.0 m **40.0 ft**	kg **lb**							***3,300**	***3,300**			*1300 ***2,900**	*1300 ***2,900**	14.03 **46.0**
10.5 m **35.0 ft**	kg **lb**											*1250 ***2,800**	*1250 ***2,800**	15.00 **49.2**
9.0 m **30.0 ft**	kg **lb**									*2050 ***3,900**	*2050 ***3,900**	*1250 ***2,750**	*1250 ***2,750**	15.77 **51.7**
7.5 m **25.0 ft**	kg **lb**							*2650 ***5,750**	2600 **5,600**	*2550 ***5,150**	2100 **4,450**	*1250 ***2,700**	*1250 ***2,700**	16.37 **53.7**
6.0 m **20.0 ft**	kg **lb**							*2800 ***6,050**	2550 **5,400**	*2750 ***6,000**	2050 **4,350**	*1250 ***2,750**	*1250 ***2,750**	16.81 **55.2**
4.5 m **15.0 ft**	kg **lb**					*3100 ***6,750**	3000 **6,400**	*2950 ***6,450**	2400 **5,150**	*2850 ***6,250**	1950 **4,200**	*1250 ***2,750**	*1250 ***2,750**	17.11 **56.1**
3.0 m **10.0 ft**	kg **lb**	*4150 ***8,950**	*4150 ***8,950**	*3700 ***8,000**	3500 **7,500**	*3400 ***7,350**	2800 **6,050**	*3200 ***6,900**	2300 **4,900**	*3050 **6,500**	1900 **4,000**	*1300 ***2,850**	*1300 ***2,850**	17.27 **56.7**
1.5 m **5.0 ft**	kg **lb**	*4750 ***10,250**	4050 **8,750**	*4100 ***8,900**	3250 **6,950**	*3700 ***8,000**	2650 **5,650**	*3400 ***7,400**	2150 **4,650**	2950 **6,300**	1800 **3,850**	*1350 ***2,950**	1350 **2,950**	17.30 **56.8**
0 m **0 ft**	kg **lb**	*5300 ***11,450**	3750 **8,050**	*4550 ***9,800**	3000 **6,450**	*4000 **8,600**	2500 **5,300**	3350 **7,200**	2050 **4,400**	2850 **6,150**	1700 **3,650**	*1450 ***3,150**	1350 **2,900**	17.19 **56.4**
–1.5 m **–5.0 ft**	kg **lb**	5750 **12,350**	3450 **7,450**	4650 **10,000**	2800 **6,050**	3850 **8,300**	2350 **5,000**	3250 **7,000**	1950 **4,150**	2800 **5,950**	1650 **3,500**	*1550 ***3,350**	1350 **2,900**	16.96 **55.6**
–3.0 m **–10.0 ft**	kg **lb**	5550 **11,950**	3300 **7,050**	4500 **9,650**	2700 **5,750**	3750 **8,050**	2250 **4,750**	3200 **6,800**	1850 **4,000**	2750 **5,850**	1600 **3,400**	*1650 ***3,650**	1350 **2,950**	16.58 **54.4**
–4.5 m **–15.0 ft**	kg **lb**	5400 **11,650**	3150 **6,800**	4400 **9,450**	2600 **5,550**	3650 **7,850**	2150 **4,600**	3100 **6,700**	1800 **3,900**	2700 **5,800**	1550 **3,350**	*1800 ***4,000**	1400 **3,100**	16.05 **52.7**
–6.0 m **–20.0 ft**	kg **lb**	5350 **11,500**	3100 **6,650**	4350 **9,350**	2550 **5,400**	3600 **7,800**	2100 **4,500**	3100 **6,650**	1800 **3,850**	2700 **4,950**	1550 **3,350**	*2050 ***4,550**	1500 **3,350**	15.36 **50.4**
–7.5 m **–25.0 ft**	kg **lb**	5350 **11,550**	3100 **6,700**	4350 **9,350**	2550 **5,450**	3650 **7,800**	2100 **4,550**	3100 **6,700**	1800 **3,900**			*2400 ***5,350**	1650 **3,700**	14.48 **47.5**
–9.0 m **–30.0 ft**	kg **lb**	5400 **11,700**	3150 **6,800**	4400 **9,450**	2550 **5,550**	3700 **7,950**	2150 **4,650**					*2950 ***6,600**	1900 **4,250**	13.37 **43.9**
–10.5 m **–35.0 ft**	kg **lb**	5550 **12,000**	3300 **7,100**	4500 **9,750**	2700 **5,800**							3850 **8,600**	2300 **5,200**	11.97 **39.3**
–12.0 m **–40.0 ft**	kg **lb**	*5100 ***10,650**	3500 **7,600**									*4300 ***9,500**	3000 **6,950**	10.15 **33.3**
–13.5 m **–45.0 ft**	kg **lb**											*4850	*4850	7.11

* **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.

Work Tool Offering Guide*

Boom Type	Reach Boom		HD Reach Boom		Mass Boom
	6.15 m (20'2")		6.15 m (20'2")		5.55 m (18'3")
Stick Size	**R3.2 (10'6")**	**R2.65 (8'8")**	**R3.2 HD (10'6")**	**R2.65 HD (8'8")**	**M2.5 (8'2")**
Hydraulic Hammer	H120Es H130Es H140Es	H120Es H130Es H140Es	H120Es H130Es H140Es	H120Es H130Es, B30 H140Es	H120Es H130Es H140Es
Multi-Processor	MP324 CC Jaw MP324 D Jaw MP324 P Jaw **^ MP324 U Jaw ^^ MP324 S Jaw MP324 TS Jaw **	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 TS Jaw	MP324 CC Jaw ^ ^^ MP324 D Jaw ^ ^^ MP324 P Jaw ^ ^^ MP324 U Jaw **^ MP324 S Jaw ^^ MP324 TS Jaw **^	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 TS Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 TS Jaw MP30 CC Jaw **^ MP30 CR Jaw **^ MP30 PP Jaw *** MP30 PS Jaw **^ MP30 S Jaw *** MP30 TS Jaw ***#
Crusher	P325	P325	P325 ^^	P325	P325 P335 **^
Pulverizer	P225	P225	P225 ^^	P225	P225 P235 **^
Demolition & Sorting Grapple	G320B G325B ***	G320B G325B	G320B G325B ***	G320B G325B ^^	G320B G325B G330 ^ ^^
Mobile Scrap & Demolition Shear	S320B S325B *** S340B ##	S320B S325B S340B ##	S320B S325B *** S340B ##	S320B S325B ^^ S340B ##	S320B S325B S340B ##
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110	CVP110	CVP110
Orange Peel Grapple	These work tools are available for the 329D2 L. Consult your Cat dealer for proper match.				
Thumbs					
Rakes					
Center-Lock Pin Grabber Coupler					
Dedicated Quick Coupler					

* Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.
** Pin On or CW coupler
*** Pin On only
# Over the front only
Boom mount
^ Over the front only with CW coupler
^^ Over the front only with CL coupler

Bucket Specifications and Compatibility – China

									329D2		329D2 L	
									HD Reach Boom		HD Reach Boom	
									6.15 m (20'2")		6.15 m (20'2")	
									Stick			
									2.65 HD (8'8")		2.65 HD (8'8")	
		Width		Capacity		Weight		Fill	Shoes			
	Linkage	mm	in	m^3	yd^3	kg	lb	%	600 mm (24")	700 mm (28")	600 mm (24")	700 mm (28")
Without Quick Coupler												
General Duty (GD)	CB	1400	55	1.54	2.02	1116	2,459	100	⊖	⊖	◉	◉
Heavy Duty (HD)	CB	1250	49	1.33	1.74	1120	2,469	100	◉	◉	●	●
	CB	1300	51	1.36	1.78	1146	2,526	100	◉	◉	●	●
	CB	1350	53	1.45	1.90	1180	2,601	100	⊖	⊖	●	●
	CB	1400	55	1.54	2.02	1221	2,692	100	⊖	⊖	◉	◉
	CB	1450	57	1.57	2.05	1248	2,751	100	⊖	⊖	◉	◉
	CB	1500	59	1.65	2.16	1275	2,811	100	○	⊖	◉	◉
	DB	1400	55	1.64	2.14	1448	3,190	100				
Severe Duty (SD)	CB	1250	50	1.33	1.74	1235	2,723	90	◉	●	●	●
	CB	1300	51	1.36	1.78	1263	2,784	90	◉	◉	●	●
	CB	1350	54	1.45	1.90	1286	2,834	90	◉	◉	●	●
	CB	1400	56	1.54	2.02	1355	2,985	90	⊖	⊖	◉	●
	DB	1250	50	1.40	1.84	1521	3,353	90				
	DB	1400	56	1.64	2.14	1643	3,621	90				
Extreme Duty (XD)	DB	1250	50	1.40	1.84	1709	3,768	90				
	DB	1400	56	1.64	2.14	1804	3,977	90				
							Maximum load pin on (payload + bucket)	kg	3584	3629	4119	4174
								lb	7,899	7,998	9,078	9,199
With Pin Grabber Coupler												
General Duty (GD)	CB	1400	55	1.54	2.02	1116	2,459	100	○	○	⊖	⊖
Heavy Duty (HD)	CB	1250	49	1.33	1.74	1072	2,363	100	⊖	⊖	◉	◉
	CB	1300	51	1.36	1.78	1146	2,526	100	○	⊖	◉	◉
	CB	1350	53	1.45	1.90	1132	2,496	100	○	○	◉	◉
	CB	1400	55	1.54	2.02	1163	2,564	100	○	○	⊖	⊖
	CB	1450	57	1.57	2.05	1248	2,751	100	⊖	⊖	◉	◉
	CB	1500	59	1.65	2.16	1275	2,811	100	○	⊖	◉	◉
	DB	1400	55	1.64	2.14	1448	3,190	100				
Severe Duty (SD)	CB	1250	50	1.33	1.74	1235	2,723	90	◉	●	●	●
	CB	1300	51	1.36	1.78	1263	2,784	90	◉	◉	●	●
	CB	1350	54	1.45	1.90	1286	2,834	90	○	○	◉	◉
	CB	1400	56	1.54	2.02	1355	2,985	90	○	○	⊖	⊖
	DB	1250	50	1.40	1.84	1521	3,353	90				
Extreme Duty (XD)	DB	1250	50	1.40	1.84	1709	3,768	90				
	DB	1400	56	1.64	2.14	1804	3,977	90				
							Maximum load with coupler (payload + bucket)	kg	3079	3124	3614	3669
								lb	6,787	6,886	7,966	8,087

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ◉ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)

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329D2/D2 L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Africa, Middle East and CIS

									329D2 L – Africa, Middle East				329D2 L – CIS					
									HD Reach Boom		ME Boom		HD Reach Boom				ME Boom	
									6.15 m (20'2")		5.55 m (18'3")		6.15 m (20'2")				5.55 m (18'3")	
									Stick				Stick					
									2.65 HD (8'8")		M2.5 (8'2")		3.2 HD (10'6")		2.65 HD (8'8")		M2.5 (8'2")	
		Width		Capacity		Weight		Fill	Shoes				Shoes					
	Linkage	mm	in	m^3	yd^3	kg	lb	%	600 mm (24")	700 mm (28")	600 mm (24")	700 mm (28")	600 mm (24")	800 mm (31")	600 mm (24")	800 mm (31")	600 mm (24")	800 mm (31")
Without Quick Coupler																		
General Duty (GD)	CB	750	30	0.71	0.93	730	1,609	100	●	●			●	●	●	●		
	CB	1050	42	1.12	1.46	864	1,903	100	●	●			●	●	●	●		
	CB	1200	48	1.33	1.74	927	2,044	100	●	●			●	●	●	●		
	CB	1350	54	1.54	2.02	1009	2,224	100	●	●			⊖	◉	●	●		
	CB	1500	60	1.76	2.30	1074	2,366	100	◉	◉								
	DB	1350	53	1.64	2.14	1173	2,585	100			●	●					●	●
	DB	1500	59	1.88	2.46	1275	2,809	100			◉	◉					◉	●
	DB	1650	65	2.12	2.77	1352	2,979	100			⊖*	⊖*					⊖*	◉*
Heavy Duty (HD)	CB	1350	54	1.54	2.02	1134	2,499	100	◉	◉			⊖	◉	◉	●		
	CB	1500	60	1.76	2.30	1229	2,708	100	⊖	⊖			○	⊖	⊖	◉		
	DB	1350	54	1.64	2.14	1447	3,189	100			●	●					●	●
	DB	1500	60	1.88	2.46	1542	3,399	100			◉	◉					◉	◉
	DB	1650	66	2.12	2.77	1673	3,687	100			⊖*	⊖*					⊖*	⊖*
Severe Duty (SD)	CB	1350	54	1.56	2.04	1245	2,744	90	●	●			⊖	◉	●	●		
	DB	1500	60	1.91	2.50	1691	3,727	90			◉	◉					◉	◉
Maximum load pin on (payload + bucket)								kg	4119	4174	4870	4932	3635	3782	4119	4277	4870	5049
								lb	9,078	9,199	10,733	10,870	8,012	8,336	9,078	9,427	10,733	11,128
With Quick Coupler (CW45, CW45s)																		
General Duty (GD)	CB	750	30	0.7	0.9	693	1,526	100	●	●			●	●	●	●		
	CB	1350	54	1.5	2.0	1008	2,221	100	◉	◉			○	⊖	◉	◉		
	CB	1500	60	1.76	2.30	1074	2,366	100	⊖	⊖			○	○	⊖	⊖		
	CB	1650	66	1.97	2.58	1157	2,550	100	○	○			◇	◇	○	○		
	DB	1050	41	1.17	1.54	986	2,172	100			●	●					●	●
	DB	1200	47	1.40	1.84	1064	2,345	100			●	●					●	●
	DB	1350	53	1.64	2.14	1142	2,517	100			◉	●					◉	●
	DB	1500	59	1.88	2.46	1245	2,745	100			⊖	⊖					⊖	◉
	DB	1650	65	2.12	2.77	1323	2,917	100			⊖	⊖					⊖	⊖
Heavy Duty (HD)	CB	1050	42	1.12	1.46	986	2,174	100	●	●			◉	●	●	●		
	CB	1200	48	1.33	1.74	1061	2,338	100	◉	◉			⊖	⊖	◉	●		
	CB	1350	54	1.54	2.02	1134	2,499	100	⊖	⊖			○	○	⊖	◉		
	CB	1500	60	1.76	2.30	1229	2,709	100	○	○			◇	○	○	⊖		
	CB	1650	66	1.97	2.58	1302	2,869	100	○	○			◇	◇	○	○		
	DB	750	30	0.73	0.95	973	2,144	100			●	●					●	●
	DB	1350	54	1.64	2.14	1417	3,122	100			◉	◉					◉	◉
	DB	1500	60	1.88	2.46	1514	3,337	100			⊖	⊖					⊖	⊖
	DB	1650	66	2.12	2.77	1647	3,629	100			○	○					○	○
	DB	1800	72	2.36	3.08	1746	3,848	100			◇	○					◇	○
Severe Duty (SD)	DB	1050	42	1.17	1.54	1282	2,826	90			●	●					●	●
	DB	1500	60	1.91	2.50	1661	3,661	90			⊖	⊖					⊖	⊖
	DB	1650	66	2.15	2.81	1802	3,971	90			○	○					○	⊖
Maximum load with coupler (payload + bucket)								kg	3655	3710	4380	4442	3171	3318	3655	3813	4380	4559
								lb	8,056	8,177	9,654	9,790	6,989	7,313	8,056	8,404	9,654	10,048

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

*Recommended for General Duty application.

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)

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Bucket Specifications and Compatibility – Asia Pacific (except China)

									329D2 L								
									HD Reach Boom						ME Boom		
									6.15 m (20'2")						5.55 m (18'3")		
									Stick								
									3.2 HD (10'6")			2.65 HD (8'8")			M2.5 (8'2")		
		Width		Capacity		Weight		Fill	Shoes								
	Linkage	mm	in	m^3	yd^3	kg	lb	%	600 mm (24")	700 mm (28")	800 mm (31")	600 mm (24")	700 mm (28")	800 mm (31")	600 mm (24")	700 mm (28")	800 mm (31")
Without Quick Coupler																	
Heavy Duty (HD)	CB	1200	48	1.33	1.74	1095	2413	100	◉	◉	●	●	●	●			
	CB	1250	49	1.33	1.74	1130	2,491	100	◉	◉	◉	●	●	●			
	CB	1350	54	1.54	2.02	1188	2,618	100	⊖	⊖	⊖	◉	◉	●			
	CB	1400	55	1.54	2.02	1230	2,712	100	⊖	⊖	⊖	◉	◉	◉			
Severe Duty (SD)	CB	1350	54	1.45	1.90	1286	2,834	90	◉	◉	◉	●	●	●			
	CB	1400	56	1.54	2.02	1355	2,985	90	⊖	⊖	◉	◉	●	●			
	DB	1400	56	1.64	2.14	1643	3,621	90							●	●	●
Maximum load pin on (payload + bucket)								kg	3635	3686	3782	4119	4174	4277	4870	4932	5049
								lb	8,012	8,124	8,336	9,078	9,199	9,427	10,733	10,870	11,128
With Pin Grabber Coupler																	
Heavy Duty (HD)	CB	1200	48	1.33	1.74	1095	2,413	100	⊖	⊖	⊖	◉	◉	●			
	CB	1250	49	1.33	1.74	1130	2,491	100	⊖	⊖	⊖	◉	◉	◉			
	CB	1350	54	1.54	2.02	1188	2,618	100	○	○	○	⊖	⊖	⊖			
	CB	1400	55	1.54	2.02	1230	2,712	100	○	○	○	⊖	⊖	⊖			
Severe Duty (SD)	CB	1350	54	1.45	1.90	1286	2,834	90	○	⊖	⊖	◉	◉	◉			
	CB	1400	56	1.54	2.02	1355	2,985	90	○	○	○	⊖	⊖	◉			
	DB	1400	56	1.64	2.14	1643	3,621	90							◉	◉	◉
Maximum load with coupler (payload + bucket)								kg	3130	3181	3277	3614	3669	3772	4312	4374	4491
								lb	6,900	7,012	7,224	7,966	8,087	8,315	9,503	9,640	9,898

Bucket Specifications and Compatibility – South America

									329D2 L							
									Reach Boom		HD Reach Boom				ME Boom	
									6.15 m (20'2")		6.15 m (20'2")				5.55 m (18'3")	
									Stick							
									3.2 m (10'6")		3.2 HD (10'6")		2.65 HD (8'8")		M2.5 (8'2")	
		Width		Capacity		Weight		Fill	Shoes							
	Linkage	mm	in	m^3	yd^3	kg	lb	%	600 mm (24")	700 mm (28")	600 mm (24")	700 mm (28")	600 mm (24")	700 mm (28")	600 mm (24")	700 mm (28")
Without Quick Coupler																
Severe Duty (SD)	DB	1350	54	1.66	2.17	1576	3,474	90			●	●				
	DB	1500	60	1.91	2.50	1691	3,727	90			◉	◉				
Maximum load pin on (payload + bucket)								kg	3816	3867	3635	3686	4119	4174	4870	4932
								lb	8,410	8,523	8,012	8,124	9,078	9,199	10,733	10,870
With Pin Grabber Coupler																
Severe Duty (SD)	DB	1350	54	1.66	2.17	1576	3,474	90			◉	◉				
	DB	1500	60	1.91	2.50	1691	3,727	90			⊖	⊖				
Maximum load with coupler (payload + bucket)								kg	3311	3362	3130	3181	3614	3669	4312	4374
								lb	7,298	7,411	6,900	7,012	7,966	8,087	9,503	9,640

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)

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329D2/D2 L Standard Equipment

Standard Equipment

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

ENGINE

- C7.1 electronic control engine
- Meets Tier 2, Stage II and China Stage II equivalent emission standards
- 3000 m (9,842 ft) altitude capability without derating (Maximum 5000 m [16,404 ft] with derate from 3000 m [9,842 ft])
- Radial seal air filters (primary and secondary filter)
- Glow plugs
- Automatic engine speed control with one touch low idle
- High ambient cooling package 52° C (126° F)
- Starting kit, cold weather, <–32° C (–26° F)
- Water separator with water level indicator sensor
- Radiator and oil cooler side by side with enough space for cleaning
- Two speed travel
- Electric (priming) pump
- Power modes (Eco and High Power)
- Variable fan with viscous clutch
- New fuel filtration system (primary ×1, twin main ×2)
- Up to B20 biodiesel fuel capability
- Air-to-air-aftercooler

HYDRAULIC SYSTEM

- Regeneration circuits for boom and stick
- Auxiliary hydraulic valve
- Reverse swing damping valve
- Automatic swing parking brake
- Boom drift reducing valve
- Stick drift reducing valve
- High performance hydraulic return filters
- Hydraulic main pump
- Universal seal used in cylinders
- Fine swing control
- Capability of installing additional valves, pumps, circuits
- Cat bio-oil capability

CAB

- Pressurized cab
- Mechanical or air suspension seat
- Positive filtered ventilation
- Adjustable armrest
- Seat belt, retractable (51 mm [2 in] or 76 mm [3 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
- Openable roof hatch
- Removable lower windshield, within cab storage bracket
- Pillar mounted upper windshield wiper and washer
- Bi-level air conditioner (automatic) with defroster (pressurized function)
- Full color and full graphic LCD display with warning, filter/fluid change, and working hour information
- Control lever joysticks, seat integrated
- Neutral lever (lock out) for all controls
- Travel control pedals with removable hand levers
- Two stereo speakers
- Radio mounting
- Beverage holder
- Coat hook
- Interior lighting
- Ashtray and lighter
- Rear window, emergency exit
- Capability to install two additional pedals
- Bolt-on FOGS (Falling Objects Guarding System) capability

UNDERCARRIAGE

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

ELECTRICAL

- Batteries (2 – 900 CCA)
- Capability to connect a beacon

LIGHTS

- Working light, storage box mounted
- Interior lighting

SAFETY AND SECURITY

- Cat one key security system
- Door and compartment locks
- Signaling/warning horn
- Rearview mirrors
- Rearview camera ready
- Fire wall between engine and pump compartment
- Emergency engine shutoff switch
- Rear window, emergency exit
- Battery disconnect switch
- Cap locks on fuel and hydraulic tanks
- Lockable tool box

COUNTERWEIGHT

- 5860 kg (12,920 lb) counterweight

Optional Equipment

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

HYDRAULIC SYSTEM

- Boom and stick high pressure lines
- Boom and stick medium pressure lines
- Boom and stick QC lines
- Tool control system
- Hammer circuit, foot pedal operated
- Two way combined circuit, foot pedal operated
- Two way combined circuit, joystick modulation operated
- Two way combined circuit with medium pressure, joystick modulation operated
- Heavy lift mode
- Boom lowering control device
- Stick lowering control device for Reach Boom and Mass Boom

CAB

- 12V-10A power supply
- Sun screen
- Radio 12V and 24V
- Travel alarm
- Falling Objects Guarding System (FOGS)
- Rearview camera and mirrors
- Control pattern quick-changer

UNDERCARRIAGE AND GUARDS

- Standard undercarriage and long undercarriage
- 600 mm (24 in) double grouser shoes
- 600 mm (24 in) triple grouser shoes
- 600 mm (24 in) HD triple grouser shoes
- 700 mm (28 in) triple grouser shoes
- 800 mm (31 in) triple grouser shoes
- Segmented track guiding guard (two pieces)
- Full length track guiding guard
- Swing frame with bumper capability
  - (HD) bottom
  - (HD) travel motor
  - Swivel guard

FRONT LINKAGE

- Standard 6.15 m (20'2") reach boom with left side light
  - R3.2CB2 (10'6") stick
  - R2.65CB2 (8'8") stick
- Heavy Duty 6.15 m (20'2") reach boom with left side light
  - R3.2CB2 (10'6") HD stick
  - R2.65CB2 (8'8") HD stick
- Mass boom 5.55 m (18'2") with left side light
  - M2.5 DB (8'2") stick
- SLR 10.2 m (33'6") boom with left side light
  - SLR 7.85 m (25'9") stick
  - Bucket linkage with lifting eye
  - Bucket linkage without lifting eye

LIGHTS

- Cab mounted working lights
- Right mounted boom light for reach boom

TECHNOLOGY

- AccuGrade
- Product link

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

AEHQ7236-06 (09-2015)
Replaces AEHQ7236-05
(GCN1, GCN2, CIS, AME,
APD, ADSD-S)