326D2 L

Hydraulic Excavator

Engine		
Engine Model	Cat® C7.1	
Engine Power (ISO 14396)	147 kW	197 hp
Net Power (SAE J1349/ISO 9249)	145 kW	194 hp

Weights		
Minimum Operating Weight	25 765 kg	56,800 lb
Maximum Operating Weight	28 475 kg	62,780 lb

Reach More, Dig More

The Cat 326D2 L is designed to help you get more work done in less time with low operating costs. Outstanding reliability, unprecedented operator comfort and ease of service help to maximize your return on investment.

Contents

The 326D2 L incorporates innovations to improve your job site efficiency through low owning and operating costs, excellent performance, and high versatility. Fuel consumption is reduced by 9% compared to the previous model.

Key Features

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

Performance/Efficiency

- Fuel consumption reduced by 9%
- Isochronous engine speed control
- Meets U.S. EPA Tier 2, EU Stage II, and China Nonroad II equivalent emission standards
- Electrical Fuel Priming Pump (EPP) replaces hand priming pump
- Pressure sensor added to measure Negative Flow Control pressure, 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 long life
- 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

- 500 hour service intervals
- Two different power modes are available, High Horse Power (HHP) and ECO Mode

Technology

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

Engine
Designed for power, reliability and economy

Reliable Cat C7.1 Engine
The Cat C7.1 engine has been designed to meet U.S. EPA Tier 2, EU 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 proven engine boasts improved reliability as it's less sensitive to low quality fuel and also delivers reduced fuel consumption.

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

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 three. The primary filter and the secondary twin filters improve filtration efficiency and machine robustness.

Variable Speed Fan
Variable speed fan controlled by ECM reduces fuel consumption and noise.

Operator Station

Comfort and convenience to keep you productive all day long

Monitor

The new monitor on the 326D2 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 suspension seat 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 326D2 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

Made 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.

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 326D2 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 4.8 mt (5.2 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

Heavy-Duty Reach Boom Front Linkage

The 5.9 m (19'4") 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. Booms and sticks are stress-relieved for added durability.

The HD reach boom goes with:

- 2.9 m (9'6") CB1 HD sticks

SLR Boom Front Linkage

Super Long Reach (SLR) machines come with heavy counterweights 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 326D2 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.

Diagnostics and Monitoring

The 326D2 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 326D2 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.

Cat Pin Grabber Couplers

The Cat Pin Grabber Coupler is easy to activate, easy to engage, easy to disengage. Operating procedures are simple and easy to learn. It's the easiest way to improve productivity on every job site.

One excavator can share buckets and a variety of attachments with similar size excavators. Managing your assets just got easier.

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

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.

Safety

Make you safer.

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

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

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

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

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

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

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.

326D2 L Hydraulic Excavator Specifications

Engine

Engine Model	Cat C7.1 ACERT	
Type	Direct Injection	
Engine Power (ISO 14396)	147 kW	197 hp
Net Power (SAE J1349/ISO 9249)	145 kW	194 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 U.S. EPA Tier 2, EU 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*	25 765 kg	56,800 lb
Maximum Operating Weight**	28 475 kg	62,780 lb

*Based on: 600 mm (24") TG Track + HD Reach Boom + R2.95 (9'8") HD Stick + 1250 mm (4'1")/1.33 m^3 (1.74 yd^3) Bucket

**Based on: 790 mm (31") TG Track + SLR Boom + SLR Stick + 0.6 m^3 (0.78 yd^3) SLR Bucket

Swing Mechanism

Swing Speed	9.6 rpm	
Swing Torque	73.4 kN·m	54,137 lbf-ft

Drive

Travel Speed	5.8 km/h	3.6 mph
Drawbar Pull	227 kN	51,032 lbf

Service Refill Capacities

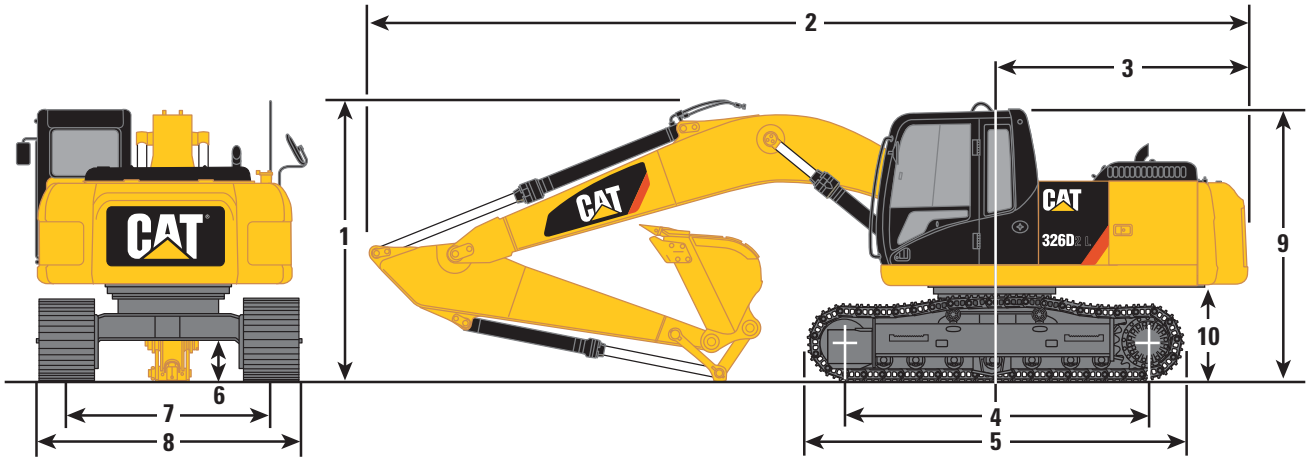
Fuel Tank Capacity	520 L	137.4 gal
Cooling System	31 L	8.2 gal
Engine Oil	22 L	5.8 gal
Swing Drive	10 L	2.6 gal
Final Drive (each)	6 L	1.6 gal
Hydraulic System (including tank)	285 L	75.3 gal
Hydraulic Tank	257 L	67.9 gal

Hydraulic System

Main System – Maximum Flow at travel H/L (1,800 rpm)	247 × 2 L/min (494 total)	65.2 × 2 gal/min (130.4 total)
Main System – Maximum Flow at travel L/L (1,700 rpm)	233 × 2 L/min (466 total)	61.6 × 2 gal/min (123.2 total)
Main System – Maximum Flow (each) at operation (1,700 rpm)	233 × 2 L/min (466 total)	61.6 × 2 gal/min (123.2 total)
Swing System – Maximum Flow	233 L/min	61.6 gal/min
Maximum Pressure – Equipment	35 MPa	5,076.4 psi
Maximum Pressure – Travel	35 MPa	5,076.4 psi
Maximum Pressure – Swing	24.5 MPa	3,555.9 psi
Pilot System – Maximum Flow	23.4 L/min	6.2 gal/min
Pilot System – Maximum Pressure	3920 kPa	568.6 psi
Boom Cylinder – Bore	135 mm	5.3 in
Boom Cylinder – Stroke	1305 mm	51.4 in
Stick Cylinder – Bore	140 mm	5.5 in
Stick Cylinder – Stroke	1660 mm	65.4 in
CB1 Bucket Cylinder – Bore	130 mm	5.1 in
CB1 Bucket Cylinder – Stroke	1156 mm	45.5 in

Dimensions

All dimensions are approximate.



	HD Reach Boom 5.9 m (19'4")	SLR Boom 10.2 m (33'6")
	HD Stick R2.95CB1 (9'8")	SLR Stick 7.85 m (25'9")
1 Shipping Height*	3170 mm (10'5")	3150 mm (10'4")
2 Shipping Length	10 050 mm (33'0")	14 340 mm (47'1")
3 Tail Swing Radius	3000 mm (9'10")	3000 mm (9'10")
4 Length to Center of Rollers		
Long Undercarriage	3830 mm (12'7")	3830 mm (12'7")
5 Track Length		
Long Undercarriage	4630 mm (15'2")	4630 mm (15'2")
6 Ground Clearance**	440 mm (17")	440 mm (17")
7 Track Gauge		
Long Undercarriage	2590 mm (8'6")	2590 mm (8'6")
8 Transport Width		
Long Undercarriage		
600 mm (24") Shoes	3190 mm (10'6")	3190 mm (10'6")
700 mm (28") Shoes	3290 mm (10'10")	3290 mm (10'10")
790 mm (31") Shoes	3380 mm (11'1")	3380 mm (11'1")
9 Cab Height*	2980 mm (9'9")	2980 mm (9'9")
10 Counterweight Clearance**	1060 mm (3'6")	1060 mm (3'6")
Bucket Type	SD	Ditch Cleaning
Bucket Capacity	1.33 m^3 (1.74 yd^3)	0.6 m^3 (0.78 yd^3)
Bucket Tip Radius	1690 mm (5'7")	1090 mm (3'7")

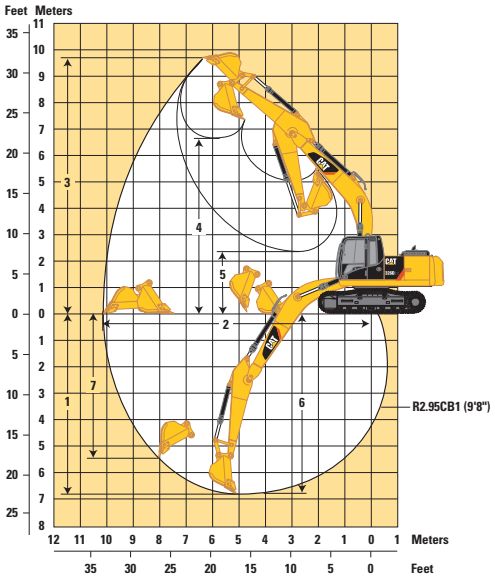
*Including shoe lug height.

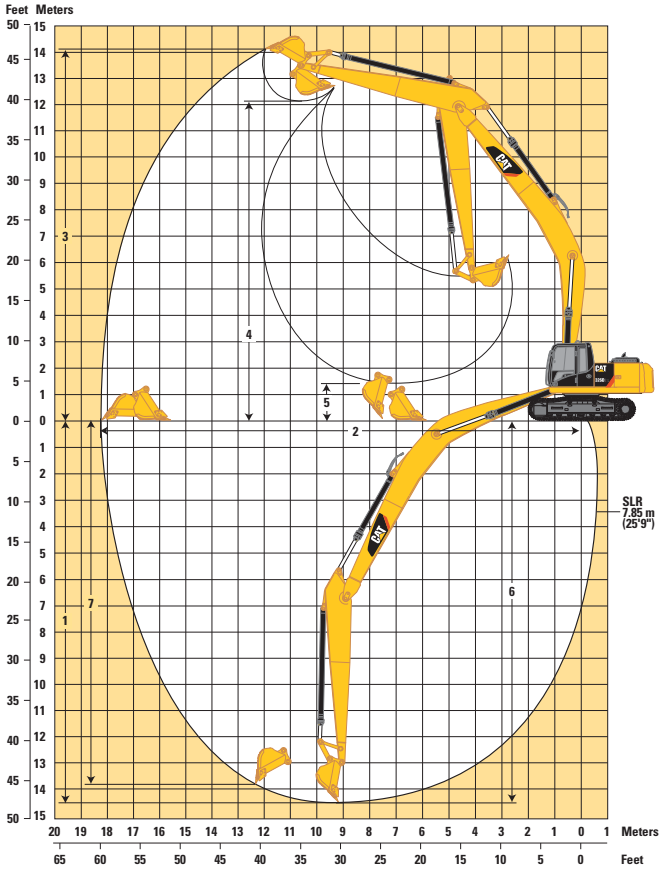
**Without shoe lug height.

326D2 L Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.





	HD Reach Boom 5.9 m (19'4")	SLR Boom 10.2 m (33'6")
Stick Type	**2.95 m (9'8")**	**SLR 7.85 m (25'9")**
Bucket	**1.33 m³ (1.74 yd³)**	**Ditch Cleaning 0.6 m³ (0.78 yd³)**
1 Maximum Digging Depth	6850 mm (22'6")	14 590 mm (47'10")
2 Maximum Reach at Ground Level	10 150 mm (33'4")	18 300 mm (60'0")
3 Maximum Cutting Height	9700 mm (31'10")	14 190 mm (46'7")
4 Maximum Loading Height	6590 mm (21'7")	12 130 mm (39'10")
5 Minimum Loading Height	2360 mm (7'9")	1480 mm (4'10")
6 Maximum Depth Cut for 2440 mm (8'1") Level Bottom	6680 mm (21'11")	14 500 mm (47'7")
7 Maximum Vertical Wall Digging Depth	5410 mm (17'9")	13 950 mm (45'9")
Bucket Type	SD	Ditch Cleaning
Bucket Capacity	1.33 m³ (1.74 yd³)	0.6 m³ (0.78 yd³)
Bucket Tip Radius	1690 mm (5'7")	1090 mm (3'7")

Operating Weight and Ground Pressure

Boom	**Reach (HD)**	**SLR**
Stick	**R2.95 HD**	**SLR Stick**
Bucket Linkage	**CB**	**—**
Bucket Capacity	**1.33 m³ (1.74 yd³)**	**0.6 m³ (0.78 yd³)**
Bucket Width	**1250 mm (49 in)**	**—**
Total Weight (600 TG)	25 765 kg (56,800 lb)	—
Total Weight (790 TG)	26 330 kg (57,926 lb)	28 475 kg (62,780 lb)
Ground Pressure		
Long Undercarriage		
790 mm (31") TG (LC)	39.7 kPa (5.8 psi)	42.9 kPa (6.2 psi)
600 mm (24") TG (LC)	51.1 kPa (7.4 psi)	55.4 kPa (8.0 psi)
700 mm (28") TG (LC)	44.3 kPa (6.4 psi)	48.0 kPa (7.0 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.

326D2 L Hydraulic Excavator Specifications

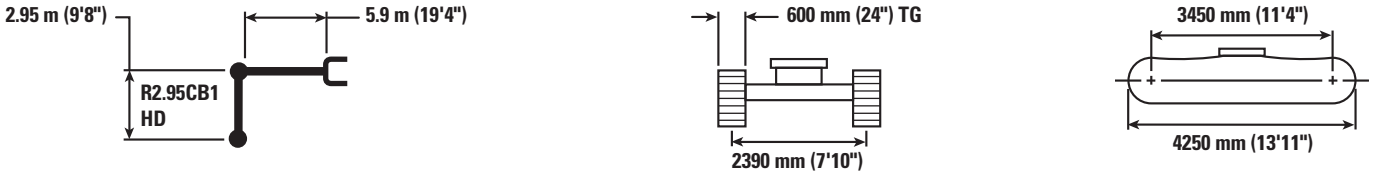
Major Component Weights

Base Machine – Includes: Boom Cylinders, Pins, Fluids	6950 kg (15,320 lb)
Full Fuel Tank	430 kg (950 lb)
Counterweight (for use with Reach and Mass booms)	4750 kg (10,470 lb)
Counterweight (for use with Super Long Reach linkage)	6780 kg (14,950 lb)
Boom (includes lines, pins, and stick cylinder)	
HD Reach Boom – 5.9 m (19'4")	2190 kg (4,830 lb)
SLR Boom – 10.2 m (33'6")	3130 kg (6,900 lb)
Stick (includes lines, stick pins, bucket pins, bucket cylinder, and bucket linkage)	
HD Stick R2.95CB1 (9'8")	1310 kg (2,890 lb)
SLR Stick 7.85 m (25'9")	1560 kg (3,440 lb)
Undercarriage	
Long Undercarriage	5740 kg (12,650 lb)
Tracks (Long Undercarriage)	
600 mm (24") TG shoe	2920 kg (6,440 lb)
700 mm (28") TG shoe	3200 kg (7,050 lb)
790 mm (31") TG shoe	3500 kg (7,720 lb)

Bucket and Stick Forces

	HD Reach Boom 5.9 m (19'4")	**SLR Boom 10.2 m (33'6")**
Stick Type	**R2.95 HD (9'8'')**	**SLR 7.85 m (25'9")**
Bucket	**1.33 m^3 (1.74 yd^3)**	**0.6 m^3 (0.78 yd^3)**
Cutting Edge		
Bucket Digging Force (ISO)	166 kN (37,231 lbf)	61 kN (13,600 lbf)
Stick Digging Force (ISO)	120 kN (27,066 lbf)	45 kN (10,152 lbf)
Bucket Tip		
Bucket Digging Force (SAE)	143 kN (32,185 lbf)	61 kN (13,600 lbf)
Stick Digging Force (SAE)	116 kN (26,099 lbf)	45 kN (10,152 lbf)

326D2 HD Reach Boom Lift Capacities – Counterweight: 4.8 mt (5.2 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**					*6450 ***13,350**	6300 ***13,350**			*5350 ***11,900**	*5350 ***11,900**	6.43 **21.1**
6.0 m **20.0 ft**	kg **lb**					*6500 ***14,200**	6250 **13,450**	*5150	4300	*5100 ***11,250**	4300 **9,550**	7.51 **24.6**
4.5 m **15.0 ft**	kg **lb**			*8500 ***18,300**	*8500 ***18,300**	*7250 ***15,700**	6050 **12,950**	6050 **12,950**	4250 **9,100**	*5100 ***11,200**	3650 **8,100**	8.18 **26.8**
3.0 m **10.0 ft**	kg **lb**			*10 850 ***23,350**	8700 **18,750**	8300 **17,850**	5700 **12,300**	5900 **12,650**	4100 **8,750**	4800 **10,550**	3350 **7,350**	8.54 **28.0**
1.5 m **5.0 ft**	kg **lb**			12 400 **26,700**	8050 **17,350**	7950 **17,100**	5400 **11,600**	5700 **12,250**	3950 **8,450**	4650 **10,200**	3200 **7,050**	8.61 **28.2**
0 m **0 ft**	kg **lb**			12 050 **25,850**	7750 **16,600**	7700 **16,600**	5200 **11,150**	5600 **12,000**	3800 **8,200**	4750 **10,400**	3250 **7,150**	8.42 **27.6**
–1.5 m **–5.0 ft**	kg **lb**	*10 400 ***23,650**	*10 400 ***23,650**	11 950 **25,600**	7650 **16,400**	7600 **16,350**	5100 **10,950**	5550 **11,900**	3750 **8,100**	5100 **11,300**	3500 **7,700**	7.94 **26.0**
–3.0 m **–10.0 ft**	kg **lb**	*17 050 ***38,650**	15 050 **32,250**	12 050 **25,800**	7700 **16,600**	7650 **16,450**	5100 **11,000**			6000 **13,350**	4100 **9,050**	7.11 **23.3**
–4.5 m **–15.0 ft**	kg **lb**	*14 200 ***30,400**	*14 200 ***30,400**	*10 400 ***22,250**	7950 **17,150**					*7750 ***17,050**	5600 **12,600**	5.78 **19.0**

* **ISO 10567**

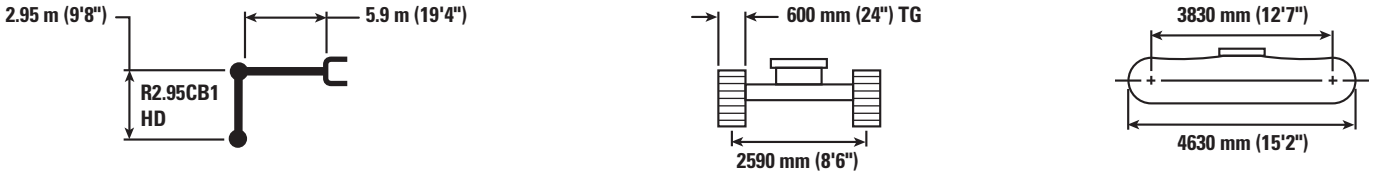
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

326D2 L Hydraulic Excavator Specifications

326D2 L HD Reach Boom Lift Capacities – Counterweight: 4.8 mt (5.2 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**					*6500 ***13,500**	*6500 ***13,500**			*5450 ***12,000**	*5450 ***12,000**	6.43 **21.1**
6.0 m **20.0 ft**	kg **lb**					*6550 ***14,350**	*6550 ***14,350**	*5200	4850	*5150 ***11,350**	4850 **10,750**	7.51 **24.6**
4.5 m **15.0 ft**	kg **lb**			*8550 ***18,450**	*8550 ***18,450**	*7300 ***15,850**	6750 **14,550**	*6700 ***14,650**	4750 **10,250**	*5150 ***11,300**	4150 **9,150**	8.18 **26.8**
3.0 m **10.0 ft**	kg **lb**			*10 950 ***23,500**	9850 **21,200**	*8400 ***18,200**	6450 **13,850**	6950 **14,900**	4600 **9,950**	*5350 ***11,700**	3800 **8,350**	8.54 **28.0**
1.5 m **5.0 ft**	kg **lb**			*13 000 ***28,050**	9200 **19,800**	*9450 **20,350**	6100 **13,150**	6750 **14,550**	4450 **9,600**	5500 **12,100**	3650 **8,050**	8.61 **28.2**
0 m **0 ft**	kg **lb**			*14 000 ***30,250**	8850 **19,050**	9250 **19,850**	5900 **12,700**	6650 **14,250**	4350 **9,350**	5600 **12,350**	3700 **8,150**	8.42 **27.6**
–1.5 m **–5.0 ft**	kg **lb**	*10 450 ***23,750**	*10 450 ***23,750**	*13 900 ***30,100**	8750 **18,850**	9100 **19,600**	5800 **12,500**	6600 **14,150**	4300 **9,250**	6100 **13,400**	4000 **8,800**	7.94 **26.0**
–3.0 m **–10.0 ft**	kg **lb**	*17 100 ***38,850**	*17 100 **37,750**	*12 900 ***27,850**	8850 **19,000**	9150 **19,700**	5850 **12,550**			7150 **15,900**	4650 **10,350**	7.11 **23.3**
–4.5 m **–15.0 ft**	kg **lb**	*14 250 ***30,600**	*14 250 ***30,600**	*10 500 ***22,400**	9100 **19,550**					*7850 ***17,200**	6350 **14,300**	5.78 **19.0**

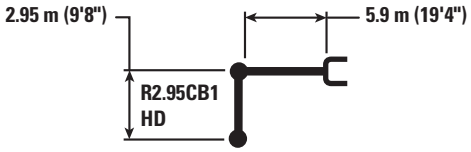
* **ISO 10567**

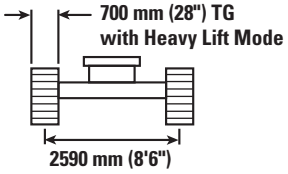
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

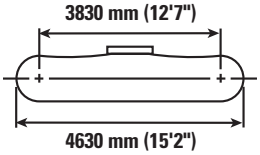
Lift capacity stays with ±5% for all available track shoes.

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

326D2 L HD Reach Boom Lift Capacities – Counterweight: 4.8 mt (5.2 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**					*6650 ***13,800**	*6650 ***13,800**			*5550 ***12,250**	*5550 ***12,250**	6.43 **21.1**
6.0 m **20.0 ft**	kg **lb**					*6700 ***14,700**	*6700 ***14,700**	*5300	4850	*5250 ***11,600**	4800 **10,750**	7.51 **24.6**
4.5 m **15.0 ft**	kg **lb**			*8800 ***18,900**	*8800 ***18,900**	*7500 ***16,250**	6750 **14,550**	*6850 ***15,000**	4750 **10,200**	*5250 ***11,550**	4100 **9,100**	8.18 **26.8**
3.0 m **10.0 ft**	kg **lb**			*11 200 ***24,150**	9850 **21,250**	*8600 ***18,650**	6450 **13,850**	6950 **14,950**	4600 **9,900**	*5450 ***11,950**	3750 **8,300**	8.54 **28.0**
1.5 m **5.0 ft**	kg **lb**			*13 350 ***28,800**	9200 **19,850**	9500 **20,450**	6100 **13,150**	6750 **14,550**	4450 **9,550**	5500 **12,100**	3650 **8,000**	8.61 **28.2**
0 m **0 ft**	kg **lb**			*14 350 ***31,100**	8850 **19,050**	9250 **19,900**	5900 **12,700**	6650 **14,250**	4350 **9,300**	5600 **12,350**	3700 **8,100**	8.42 **27.6**
–1.5 m **–5.0 ft**	kg **lb**	*10 700 ***24,350**	*10 700 ***24,350**	*14 300 ***30,950**	8800 **18,850**	9150 **19,650**	5800 **12,450**	6600 **14,200**	4300 **9,200**	6100 **13,400**	4000 **8,750**	7.94 **26.0**
–3.0 m **–10.0 ft**	kg **lb**	*17 550 ***40,000**	*17 550 **37,900**	*13 250 ***28,600**	8850 **19,050**	9200 **19,750**	5850 **12,550**			7200 **15,900**	4650 **10,300**	7.11 **23.3**
–4.5 m **–15.0 ft**	kg **lb**	*14 700 ***31,500**	*14 700 ***31,500**	*10 800 ***23,050**	9100 **19,600**					*8050 ***17,650**	6350 **14,300**	5.78 **19.0**

* **ISO 10567**

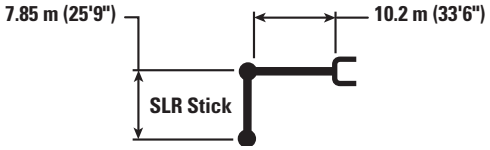
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

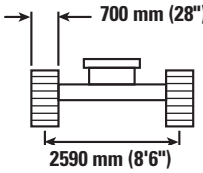
Lift capacity stays with ±5% for all available track shoes.

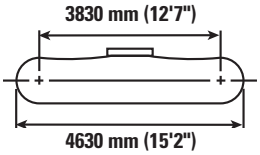
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

326D2 L Hydraulic Excavator Specifications

326D2 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**											*1150 ***2,500**	*1150 ***2,500**	13.95 **45.8**
10.5 m **35.0 ft**	kg **lb**											*1100 ***2,400**	*1100 ***2,400**	14.94 **49.0**
9.0 m **30.0 ft**	kg **lb**											*1050 ***2,350**	*1050 ***2,350**	15.72 **51.6**
7.5 m **25.0 ft**	kg **lb**											*1050 ***2,300**	*1050 ***2,300**	16.33 **53.6**
6.0 m **20.0 ft**	kg **lb**											*1050 ***2,350**	*1050 ***2,350**	16.78 **55.1**
4.5 m **15.0 ft**	kg **lb**											*1100 ***2,350**	*1100 ***2,350**	17.09 **56.1**
3.0 m **10.0 ft**	kg **lb**			*4850	*4850							*1100 ***2,450**	*1100 ***2,450**	17.26 **56.6**
1.5 m **5.0 ft**	kg **lb**			*1550 ***3,600**	*1550 ***3,600**	*5500 ***12,900**	*5500 ***12,900**	*5750 ***12,350**	*5750 ***12,350**	*4450 ***9,600**	*4450 ***9,600**	*1150 ***2,550**	*1150 ***2,550**	17.29 **56.7**
0 m **0 ft**	kg **lb**			*1650 ***3,650**	*1650 ***3,650**	*3650 ***8,350**	*3650 ***8,350**	*6700 ***14,400**	5850 **12,650**	*5050 ***10,950**	4450 **9,550**	*1250 ***2,700**	1200 **2,650**	17.20 **56.4**
–1.5 m **–5.0 ft**	kg **lb**	*1600 ***3,500**	*1600 ***3,500**	*2100 ***4,700**	*2100 ***4,700**	*3500 ***7,950**	*3500 ***7,950**	*6550 ***15,050**	5400 **11,600**	*5600 ***12,050**	4100 **8,750**	*1300 ***2,850**	1200 **2,650**	16.97 **55.7**
–3.0 m **–10.0 ft**	kg **lb**	*2150 ***4,800**	*2150 ***4,800**	*2650 ***5,950**	*2650 ***5,950**	*3850 ***8,650**	*3850 ***8,650**	*6250 ***14,200**	5100 **11,000**	*5950 ***12,850**	3850 **8,250**	*1400 ***3,100**	1250 **2,700**	16.61 **54.5**
–4.5 m **–15.0 ft**	kg **lb**	*2800 ***6,150**	*2800 ***6,150**	*3300 ***7,350**	*3300 ***7,350**	*4400 ***9,900**	*4400 ***9,900**	*6550 ***14,850**	5000 **10,750**	6200 **13,300**	3700 **7,950**	*1550 ***3,450**	1300 **2,800**	16.09 **52.8**
–6.0 m **–20.0 ft**	kg **lb**	*3400 ***7,600**	*3400 ***7,600**	*4000 ***8,900**	*4000 ***8,900**	*5100 ***11,500**	*5100 ***11,500**	*7200 ***16,350**	4950 **10,700**	6100 **13,150**	3650 **7,850**	*1750 ***3,900**	1350 **3,000**	15.41 **50.6**
–7.5 m **–25.0 ft**	kg **lb**	*4100 ***9,100**	*4100 ***9,100**	*4750 ***10,650**	*4750 ***10,650**	*5950 ***13,400**	*5950 ***13,400**	*7900 ***17,000**	5050 **10,800**	6150 **13,200**	3650 **7,850**	*2050 ***4,600**	1500 **3,350**	14.54 **47.7**
–9.0 m **–30.0 ft**	kg **lb**	*4800 ***10,750**	*4800 ***10,750**	*5600 ***12,550**	*5600 ***12,550**	*6950 ***15,750**	*6950 ***15,750**	*7550 ***16,250**	5150 **11,100**	*6050 ***13,000**	3750 **8,050**	*2500 ***5,650**	1750 **3,850**	13.45 **44.1**
–10.5 m **–35.0 ft**	kg **lb**	*5600 ***12,550**	*5600 ***12,550**	*6550 ***14,800**	*6550 ***14,800**	*8250 ***18,750**	*8250 **17,950**	*7000 ***14,950**	5350 **11,550**	*5650 ***12,050**	3900 **8,400**	*3200 ***7,000**	2100 **4,700**	12.07 **39.6**
–12.0 m **–40.0 ft**	kg **lb**			*7700 ***17,500**	*7700 ***17,500**	*7800 ***16,450**	*7800 ***16,450**	*6100 ***12,850**	5650 **12,250**	*4900 ***10,400**	4100 **8,900**	*3350 ***7,350**	2750 **6,250**	10.29 **33.8**

* ISO 10567

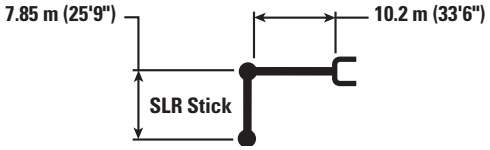
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

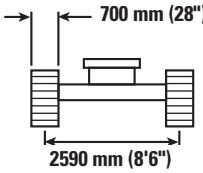
Lift capacity stays with ±5% for all available track shoes.

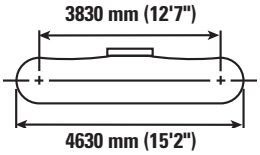
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

(continued on next page)

326D2 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**							*1550 ***2,700**	*1550 ***2,700**			*1150 ***2,500**	*1150 ***2,500**	13.95 **45.8**
10.5 m **35.0 ft**	kg **lb**							*1950 ***4,250**	*1950 ***4,250**			*1100 ***2,400**	*1100 ***2,400**	14.94 **49.0**
9.0 m **30.0 ft**	kg **lb**							*1950 ***4,300**	*1950 ***4,300**	*1750 ***3,300**	*1750 ***3,300**	*1050 ***2,350**	*1050 ***2,350**	15.72 **51.6**
7.5 m **25.0 ft**	kg **lb**							*2050 ***4,450**	*2050 ***4,450**	*2050 ***4,400**	1950 **4,150**	*1050 ***2,300**	*1050 ***2,300**	16.33 **53.6**
6.0 m **20.0 ft**	kg **lb**					***4,750**	***4,750**	*2150 ***4,650**	*2150 ***4,650**	*2100 ***4,600**	1900 **4,050**	*1050 ***2,350**	*1050 ***2,350**	16.78 **55.1**
4.5 m **15.0 ft**	kg **lb**					*2400 ***5,200**	*2400 ***5,200**	*2300 ***4,950**	2250 **4,800**	*2200 ***4,800**	1850 **3,900**	*1100 ***2,350**	*1100 ***2,350**	17.09 **56.1**
3.0 m **10.0 ft**	kg **lb**	*3200 ***6,950**	*3200 ***6,950**	*2850 ***6,200**	*2850 ***6,200**	*2600 ***5,650**	*2600 **5,650**	*2450 ***5,300**	2150 **4,550**	*2300 ***5,050**	1750 **3,700**	*1100 ***2,450**	*1100 ***2,450**	17.26 **56.6**
1.5 m **5.0 ft**	kg **lb**	*3700 ***7,950**	*3700 ***7,950**	*3200 ***6,900**	3050 **6,500**	*2850 ***6,200**	2450 **5,250**	*2600 ***5,700**	2000 **4,300**	*2450 ***5,300**	1650 **3,500**	*1150 ***2,550**	*1150 ***2,550**	17.29 **56.7**
0 m **0 ft**	kg **lb**	*4100 ***8,900**	3500 **7,500**	*3500 ***7,600**	2800 **6,000**	*3100 ***6,700**	2300 **4,900**	*2800 ***6,050**	1900 **4,050**	2550 **5,450**	1600 **3,350**	*1250 ***2,700**	1200 **2,650**	17.20 **56.4**
–1.5 m **–5.0 ft**	kg **lb**	*4500 ***9,750**	3200 **6,950**	*3800 ***8,200**	2600 **5,600**	*3300 ***7,150**	2150 **4,600**	2900 **6,200**	1800 **3,850**	2500 **5,300**	1500 **3,200**	*1300 ***2,850**	1200 **2,650**	16.97 **55.7**
–3.0 m **–10.0 ft**	kg **lb**	*4800 ***10,400**	3050 **6,500**	4000 **8,600**	2450 **5,300**	3350 **7,150**	2050 **4,350**	2800 **6,050**	1700 **3,650**	2400 **5,200**	1450 **3,100**	*1400 ***3,100**	1250 **2,700**	16.61 **54.5**
–4.5 m **–15.0 ft**	kg **lb**	4800 **10,350**	2900 **6,250**	3900 **8,400**	2350 **5,100**	3250 **7,000**	1950 **4,200**	2750 **5,950**	1650 **3,550**	2400 **5,100**	1400 **3,000**	*1550 ***3,450**	1300 **2,800**	16.09 **52.8**
–6.0 m **–20.0 ft**	kg **lb**	4750 **10,200**	2850 **6,100**	3850 **8,250**	2300 **4,950**	3200 **6,900**	1950 **4,150**	2750 **5,900**	1650 **3,500**	2400 ***4,500**	1400 **3,050**	*1750 ***3,900**	1350 **3,000**	15.41 **50.6**
–7.5 m **–25.0 ft**	kg **lb**	4750 **10,200**	2850 **6,100**	3850 **8,250**	2300 **4,950**	3200 **6,900**	1950 **4,150**	2750 **5,950**	1650 **3,550**			*2050 ***4,600**	1500 **3,350**	14.54 **47.7**
–9.0 m **–30.0 ft**	kg **lb**	4800 **10,350**	2900 **6,250**	3900 **8,400**	2350 **5,050**	3250 **7,050**	2000 **4,250**					*2500 ***5,650**	1750 **3,850**	13.45 **44.1**
–10.5 m **–35.0 ft**	kg **lb**	*4650 ***9,950**	3000 **6,500**	*3900 ***8,250**	2450 **5,350**	*3200	2100					*3200 ***7,000**	2100 **4,700**	12.07 **39.6**
–12.0 m **–40.0 ft**	kg **lb**	*4000 ***8,400**	3200 **7,000**									*3350 ***7,350**	2750 **6,250**	10.29 **33.8**

* **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* – Asia Pacific (including China)

Boom Type		HD Reach Boom 5.9 m (19'4")
Stick Size		**HD R2.95 (9'8")**
Hydraulic Hammer		B20 B30
Multi-Processor		MP318 CC Jaw MP318 D Jaw MP318 P Jaw MP318 U Jaw MP318 S Jaw MP324 CC Jaw** MP324 D Jaw** MP324 P Jaw^ MP324 U Jaw^ MP324 S Jaw^^ MP324 TS Jaw^
Crusher		P315 P325**
Pulverizer		P215 P225^^
Demolition and Sorting Grapple (D-Demolition Shells, R-Recycling Shells)		G320B-D/R** G325B-D***#
Scrap and Demolition Shear		S320B S325B***# S340B
Compactor (Vibratory Plate)		CVP110
Orange Peel Grapple		These work tools are available for the 326D2 L. Consult your Cat dealer for proper match.
Thumbs		
Pin Grabber Coupler	Cat-PG	
Dedicated Quick Coupler	CW40s	
	CW40	

* 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.

** Match; Pin-on or Dedicated Quick Coupler

*** Match; Pin-on only

Work over the front only

^ Work over the front only with Dedicated Quick Coupler (match; Pin-on and Dedicated Quick Coupler)

^^ Work over the front only with Cat-PG (match; Pin-on, Dedicated Quick Coupler and Cat-PG)

Work Tool Offering Guide* – South America, CIS, Africa, Middle East

Boom Type		HD Reach Boom 5.9 m (19'4")
Stick Size		**HD R2.95 (9'8")**
Hydraulic Hammer		H120Es H130Es H140Es
Multi-Processor		MP318 CC Jaw MP318 D Jaw MP318 P Jaw MP318 U Jaw MP318 S Jaw MP324 CC Jaw** MP324 D Jaw** MP324 P Jaw^ MP324 U Jaw^ MP324 S Jaw^^ MP324 TS Jaw^
Crusher		P315 P325**
Pulverizer		P215 P225^^
Demolition and Sorting Grapple (D-Demolition Shells, R-Recycling Shells)		G320B-D/R** G325B-D***#
Scrap and Demolition Shear		S320B S325B***# S340B
Compactor (Vibratory Plate)		CVP110
Orange Peel Grapple		These work tools are available for the 326D2 L. Consult your Cat dealer for proper match.
Thumbs		
Pin Grabber Coupler	Cat-PG	
Dedicated Quick Coupler	CW40s	
	CW40	

* 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.

** Match; Pin-on or Dedicated Quick Coupler

*** Match; Pin-on only

Work over the front only

^ Work over the front only with Dedicated Quick Coupler (match; Pin-on and Dedicated Quick Coupler)

^^ Work over the front only with Cat-PG (match; Pin-on, Dedicated Quick Coupler and Cat-PG)

326D2 L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – China

		Width		Capacity		Weight		Fill	326D2 L HD Reach Boom 5.9 m (19'4") Stick 2.95 HD (9'8") Shoes	
	Linkage	mm	in	m^3	yd^3	kg	lb	%	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	3652	3699
								lb	8,049	8,153
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	3147	3194
								lb	6,937	7,041

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)

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

Bucket Specifications and Compatibility – Asia Pacific (excluding China)

		Width		Capacity		Weight		Fill	326D2 L HD Reach Boom 5.9 m (19'4") Stick 2.95 HD (9'8") Shoes		
	Linkage	mm	in	m^3	yd^3	kg	lb	%	600 mm (24")	700 mm (28")	790 mm (31")
Without Quick 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	⊖	⊖	◉
Maximum load pin on (payload + bucket)								kg	3652	3699	3743
								lb	8,049	8,153	8,250
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	○	○	○
Maximum load with coupler (payload + bucket)								kg	3147	3194	3238
								lb	6,937	7,041	7,138

		Width		Capacity		Weight		Fill	326D2 L ME Boom 5.3 m (17'5") Stick M2.5 (8'2") Shoes
	Linkage	mm	in	m^3	yd^3	kg	lb	%	790 mm (31")
Without Quick Coupler									
Severe Duty (SD)	DB	1400	56	1.64	2.14	1643	3,621	90	◉
Maximum load pin on (payload + bucket)								kg	4512
								lb	9,944
With Pin Grabber Coupler									
Severe Duty (SD)	DB	1400	56	1.64	2.14	1643	3,621	90	⊖
Maximum load with coupler (payload + bucket)								kg	3954
								lb	8,714

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:

- ◉ 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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326D2 L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Africa, Middle East and CIS

		Width		Capacity		Weight		Fill	326D2 L HD Reach Boom 5.9 m (19'4") Stick 2.95 HD (9'8") Shoes	
	Linkage	mm	in	m^3	yd^3	kg	lb	%	600 mm (24")	790 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		
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		
Severe Duty (SD)	CB	1350	54	1.56	2.04	1245	2,744	90	◉	◉
							Maximum load pin on (payload + bucket)	kg	3652	3743
								lb	8,049	8,250
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	○	○
	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		
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	◇	○
	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	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	3188	3279
								lb	7,026	7,227

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.

*For dirt use only.

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 – South America

		Width		Capacity		Weight		Fill	326D2 L HD Reach Boom 5.9 m (19'4") Stick 2.95 HD (9'8") Shoes	
	Linkage	mm	in	m^3	yd^3	kg	lb	%	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	3652	3699
								lb	8,049	8,153
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	3147	3194
								lb	6,937	7,041

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.

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326D2 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 Nonroad 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
- Precleaner

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 suspension seat
- Positive filtered ventilation
- Adjustable armrest
- Seat belt, retractable (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
- 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

- 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

- 4750 kg (10,470 lb) counterweight

Optional Equipment

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

HYDRAULIC SYSTEM

- Boom and stick high pressure lines
- Hammer circuit, foot pedal operated

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

- Long undercarriage
  - 600 mm (24") triple grouser shoes
  - 700 mm (28") triple grouser shoes
  - 790 mm (31") triple grouser shoes
- Segmented track guiding guard (two pieces)
- Swing frame with bumper capability
  - (HD) bottom
  - (HD) travel motor
  - Swivel guard

FRONT LINKAGE

- Heavy Duty 5.9 m (19'4") reach boom with left side light
  - R2.95CB1 (9'8") HD stick
- SLR 10.2M (33'6") boom with left side light
  - SLR 7.85M (25'9") stick
  - Bucket linkage with lifting eye

LIGHTS

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

TECHNOLOGY

- Product Link

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

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APD, ADSD-S)