

# 323D3

HYDRAULIC EXCAVATOR



Machine Power  
1500 kW (2000 hp)  
2500 kW (3350 hp) (peak)

Operating Weight

11 400 kg (25 100 lb)  
14 200 kg (31 300 lb)

31 000 kg (68 300 lb)

For more information, visit [www.cat.com](http://www.cat.com), [spec@cat.com](mailto:spec@cat.com) or 1-800-368-5743

**CAT**

## NEXT GENERATION EXCAVATORS

The benefits of CAT® excavators are designed with a new generation equipment built to a goal you

- **SAVE MONEY** (FUEL)
- **SAVE TIME** (POWER)

Ready to help you with your business strategy. Our excavators give you savings to go the extra mile. From 20 to 30% more fuel — to you get more done in your pocket.



# THE NEW CAT® 323D3

GET MORE DONE.

Lower your costs per mile. The CAT 323D3 excavator brings you lower fuel costs, efficiency, and high productivity in your heavy-duty, high production applications.





HIGH PERFORMANCE LUGS FOR YOUR  
**HIGH-PRODUCTION APPLICATION**

The Cat 330LC excavator is designed with your heavy-duty, high production needs in mind.

**GET MORE DONE WITH:**

- A large Cat 1.61 m<sup>3</sup> (51 yd<sup>3</sup>) bucket covers heavy loads, moving more material every pass.
- A wide platform for digging, working around the standard 4.21-m (13.81-ft) counterweight and heavy-duty, high rubber undercarriage.





## USE LESS FUEL

BY ADAPTING YOUR MACHINE TO SUIT YOUR JOB

### REDUCE YOUR DAILY FUEL USAGE

#### ECONOMY MODE

Reduce fuel consumption by 10% in Economy mode with no loss in lifting or digging forces.

#### AUTO ENGINE SPEED CONTROL

Use automatic engine speed control during idling to optimize fuel consumption in constant idling conditions to reduce fuel consumption.

#### DOWN AND STICK REGISTRATION

Down and stick registration strokes reduce fuel consumption by up to 2% with increasing lift forces.

#### ONE TORQUE LOW IDLE

Control one punch low idle coast fuel by selectively reducing engine speed in 1, 1.5 or 2 at the point of a punch. Reduce the engine speed into one mode position by using the remote control or simply waiting for the job to be done.

## INCREASE EFFICIENCY WITH **MORE HYDRAULIC POWER**



### **NEW HYDRAULIC PUMPS**

New 2000 hydraulic pumps generate 1% more hydraulic power with less overall horsepower to save fuel and increase efficiency.

### **EFFICIENT HYDRAULIC SYSTEM**

Smart layout and efficiency saving hydraulic control requires the correct hydraulic system. Hydraulic lines, working valves and engine power always available from hydraulic pumps regardless of which function is used.

### **SMART LAYOUT**

Put hydraulic power where you need it. Hydraulic system components are positioned close together for optimum efficiency.

# LOWER MAINTENANCE COSTS UP TO 5%

## LOWER MAINTENANCE COSTS WITH

- 30% reduction of roll resistance over the surface
- Maintenance-free bearings
- Easily accessible maintenance to prevent or reduce downtime

## LESS TIME ON MAINTENANCE, MORE TIME ON WHAT MATTERS.

### REDUCE THE FREQUENCY OF YOUR REPAIRS

The 22,000 standard rollers cover the **UP TO 5% UP TO 5%** over the lifetime of the machine.



Roller sets are designed to deliver superior performance and are built to last. The rollers are made of high-strength steel and are protected by a special coating to prevent rust, corrosion and wear.

## GROUND LEVEL MAINTENANCE

Minimize downtime and costly excavation at ground level to allow service and maintenance to get completed quickly and efficiently. A service door on the right side of the upper structure allows ground level access to the hydraulic pumps, sprayer, filter, engine oil tank, auxiliary lines.

## GREASING MADE EASY

A remote greasing block is the same design the greasing of the machine is made easier. A remote-mounted greasing point on the heavy-duty greasing system is the same.



GROUND LEVEL  
MAINTENANCE



REMOTE GREASING  
BLOCK



ENGINE OIL TANK



SINGLE PLANE  
DESIGN

# PROVEN RELIABILITY THAT DELIVERS PEACE OF MIND

The X-Series excavator uses reinforced concrete, a heavy-duty large roller undercarriage, and a new design for the undercarriage with an anti-sifted sand - delivering a machine you can rely on.



## GREASE LUBRICATED UNDERCARRIAGE

Undercarriage rollers are lubricated and sealed to protect dirt and debris causing wear or block. The new front suspension system is rated for heavy work, reducing wear and increasing life by 20%.

## DURABLE FRONT STRUCTURES

We designed the deck and lower structure using high-strength steel fabricated from a single piece to reduce welds and increase life. It's built to stand the test of time.

## TIME-PROVEN CARBODY

The X-shaped, low-profile carbody provides superior protection to critical working components across the entire structure of the machine.



## WORK IN COMFORT ALL DAY STAY PRODUCTIVE AND EFFICIENT FROM START TO FINISH

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Don't allow unnecessary physical needs to get in the way of your productivity. That's why it's important to take the additional pressure off your back as much as possible from fatigue, stress, noise, and temperature of the job.



### VISIBILITY FROM THE SEAT

**WGLC:** Critical machine information is always visible in the view path, including fuel use, oil pressure, coolant, brake, and more data that may be needed at any time during working hours.

**IN TUNE:** The operator can position the display visibility from the operator's seat in any position desired for your work habits... without having to be away from the seat.



### ADJUST TO FIT YOUR NEEDS

Work your day with less fatigue using the ergonomically designed seat. Operator inputs to control the operator's work seat are gender, weight, shoulder, and torso control adjusters, lumbar support, leg rest, footrest and protrusion for a variety of operator sizes and weights.



### COMFORTABLE CLIMATE ALL YEAR ROUND

Airflow control allows the operator to maintain the seat temperature. The heater allows people to stay warm in long periods of inactivity, regardless of the site temperature.

# FEEL SAFE AT WORK EVERY DAY WITH CAT EXCAVATORS

Caterpillar builds safety into every machine, allowing operators and service technicians to work safely and go home safely every day.

## EASY TO VENTILATE HYDRAULICS

The standard hydraulic lockout lever prevents operators from leaving the cab without first venting all hydraulic functions. When venting, you can activate the ground level remote control to stop the hydraulic system and the dozer blade to stop.



## SERVICE SAFETY

The dozer provides you a safe work platform for all routine service jobs. The dozer is built with a wide base and a low center of gravity, making it the perfect platform for support and any service.

A safety interlock switch activates when you're in the cab, preventing the dozer from starting.



## FULL LENGTH FIREWALL

A full length firewall separates the engine from the hydraulic pump and other ground level hydraulic components.



## INCREASE YOUR PRODUCTIVITY AND PROFIT WITH CAT ATTACHMENTS

You can easily expand the performance of your machines by adding Cat attachments. Each Cat attachment is designed to do the weight and horsepower of the machine for improved performance, safety, and stability.



BUCKET



ROCK & CONCRETE



# CAT LINK TECHNOLOGY TAKES THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

CAT LINK sensor technology keeps costs low and improves fuel efficiency performance. By gathering data generated by your equipment, materials, and people – and putting it to use in a consistent format.



## PRODUCT LINK™

Product Link™ collects data automatically and accurately from your assets – any size and any brand. Information such as location, hours, fuel usage, production, tire wear, maintenance alerts, diagnostic codes, and much more is all in the cloud – secure through web and mobile applications.

## VISIONLINK®

Access information anytime, anywhere with VisionLink® – an easy-to-use, web-enabled tool that monitors production, fuel costs, uptime, maintenance, and engine safety and security in your yards. With VisionLink subscription options, you can choose a solution that fits your needs and your budget – or connect your fleet and manage your business without paying for software that's never used. Subscriptions are available with either 12 or 24-month payment terms.



## STANDARD & OPTIONAL EQUIPMENT

Standard and optional equipment always. Contact your John Deere dealer.

ITEM	STANDARD	OPTIONAL
Front suspension control arms (steel)	✓	
Self-aligning front axle (SA) and ICD axle	✓	
Rear axle self-aligning and self-centering	✓	
Operator's height, forward reach, seat height and armrest height adjustable	✓	
Anti-lock brakes (ABS)	✓	
Additional accessories		✓
Interior phone charge		✓
<b>LOW OPERATOR PLATFORM</b>	<b>STANDARD</b>	<b>OPTIONAL</b>
Self-Protection™	✓	
<b>SEAT</b>	<b>STANDARD</b>	<b>OPTIONAL</b>
Low exhaust pipe (steel)	✓	
Two front seats with side-impact speed control	✓	
Low range front loader system with manual operation and lockout	✓	
500/550/600 high capacity (heavy capacity)	✓	
550/600/650/700 high capacity		✓
800/850/900 plus high capacity	✓	
Seat back on the seat (SAB) for comfort	✓	
Hydro-booster		✓
Interior low-pressure pump	✓	
<b>STANDARD SYSTEM</b>	<b>STANDARD</b>	<b>OPTIONAL</b>
Power-assist wheel suspension control	✓	
Power-assist wheel self-centering arms	✓	
Auto low range front	✓	
Power steering (optional)	✓	
Two steering controls		✓
Steering wheel (optional)		✓
High performance hydraulic system (HS)	✓	
High pressure working system		✓
Back-coupled rearview (optional) for the loader		✓

ITEM AND USE	STANDARD	OPTIONAL
12V/100Ah battery bank	✓	
12V/100Ah battery bank	✓	
<b>INDUSTRIAL MACHINERY</b>	<b>STANDARD</b>	<b>OPTIONAL</b>
30mm (3") high-pressure hose (30mm/3")		✓
30mm (3") high-pressure hose (30mm/3")	✓	
Service valve and hose sets	✓	
High-pressure hose sets	✓	
Loader 1.8 galling guard	✓	
Suspended fork-palleting guard		✓
Heavy-duty fork roller		✓
12V (500Ah) maintenance-free battery	✓	
<b>LOADER, FRONT</b>	<b>STANDARD</b>	<b>OPTIONAL</b>
Two 1.8m (6 ft) maintenance-free batteries	✓	
Integrate (load) right, lift (load) right, lift left	✓	
<b>LOADING AND UNLOADING</b>	<b>STANDARD</b>	<b>OPTIONAL</b>
Sampling ports for (optional) 30 Sampling (30 SPS)	✓	
Single-point working arrangement	✓	
Auto-charge	✓	
<b>OPTIONAL ACCESSORY</b>	<b>STANDARD</b>	<b>OPTIONAL</b>
Two wireless emergency call	✓	
Two wireless radios	✓	
Operator's seat and back	✓	
Ground-level suspension control	✓	
Right-hand control and standard	✓	
Hydroboosting hose	✓	

