320D3

HYDRAULIC EXCAVATOR

NEXT GENERATION EXCAVATORS

- [illegible]
- [illegible]

THE NEW CAT® 320D3

LOWER YOUR COST PER HOUR

INCREASE EFFICIENCY WITH LOWER FUEL CONSUMPTION AND MORE HYDRAULIC POWER

Reduce fuel consumption up to 5%[1] on the new 2x models with an economical power mode and improve hydraulic power by 7% with more advanced hydraulic pumps.

PROVEN RELIABILITY THAT DELIVERS PEACE OF MIND

The 320 has never been reinforced more and has a robust undercarriage, and a new cooling fan reverses system with on-demand cooling that cuts fan costs – delivering a machine you can rely on.

LOWER MAINTENANCE COSTS UP TO 5%[1]

Lower your maintenance costs up to 5% with 25% fewer grease points, 50% longer oil change intervals and maintenance free batteries.

[1] Compared to 320F models

FUEL EFFICIENCY SAVINGS ADD UP

INCREASE EFFICIENCY WITH

LOWER FUEL CONSUMPTION

REDUCE YOUR DAILY FUEL USAGE

AUTOMATIC IDLE STOP

Reduces fuel consumption by 10% in 5 minutes mode with no loss in lifting or digging forces

BOOM AND STICK REGENERATION

Boom and stick regeneration circuits reduce fuel consumption by up to 3% while improving cycle times

AUTO ENGINE SPEED CONTROL

Low automatic engine speed control during no-load or light-load conditions to maximize efficiency and engine power to minimize fuel consumption

ECO MODE

Decreases fuel consumption by reducing engine speed at 1,700 rpm or other points as desired. Reduces engine speed while maximizing power by limiting the travel speed or simply running the system

INCREASE EFFICIENCY WITH

MORE HYDRAULIC POWER

NEW HYDRAULIC PUMPS

New custom hydraulic pumps provide 7% more hydraulic power with less material to increase overall efficiency.

EFFICIENT HYDRAULIC SYSTEM

Delivers power and efficiency by using an open center hydraulic system. Hydraulic flow varies with machine to engine power. Always available from hydraulic pumps regardless of which functions are used.

SMART LAYOUT

Five hydraulic pumps arrange per model. Hydraulic system components are positioned close together for optimum efficiency.

PROVEN RELIABILITY THAT DELIVERS PEACE OF MIND

GREASE LUBRICATED UNDERCARRIAGE

DURABLE FRONT STRUCTURES

TIME-PROVEN CARBODY

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

CUT COSTS WHERE IT COUNTS.

EASY TO MAINTAIN

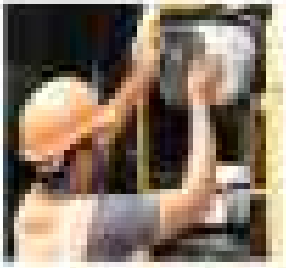
SPEND LESS TIME SERVICING AND MORE TIME WORKING

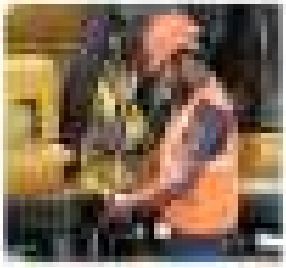
ROBUST SERVICE DOORS

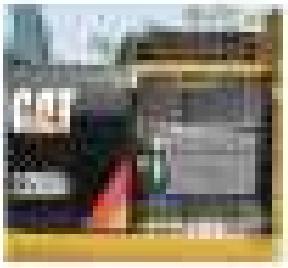
RADIAL SEAL ENGINE AIR FILTER

GREASING MADE EASY

SINGLE PLANE DESIGN







WORK IN COMFORT ALL DAY

STAY PRODUCTIVE AND EFFICIENT FROM START TO FINISH

Since vehicle occupants typically work and rest for long periods of time, it's important that the seat is as comfortable as possible. Seat design, ergonomics, materials and operating principles all play a role.

MOBILITY INSIDE AND OUT

[illegible] Optimal seating information is always visible at the same height, distance and angle [illegible]

[illegible] The ergonomic seat geometry and flexible mobility ensure that operators can keep their backs straight [illegible]

ADJUST TO SUIT YOUR NEEDS

[illegible] Operators can easily and intuitively adjust the ergonomic fully suspended seat to suit their personal requirements. Operators' weight, seat height, seat position, armrest and backrest adjustments, and more [illegible]

COMFORTABLE CLIMATE ALL YEAR ROUND

Automatic climate control helps maintain consistent cab temperatures. [illegible] ensures proper air circulation to keep you comfortable regardless of the outside temperature.

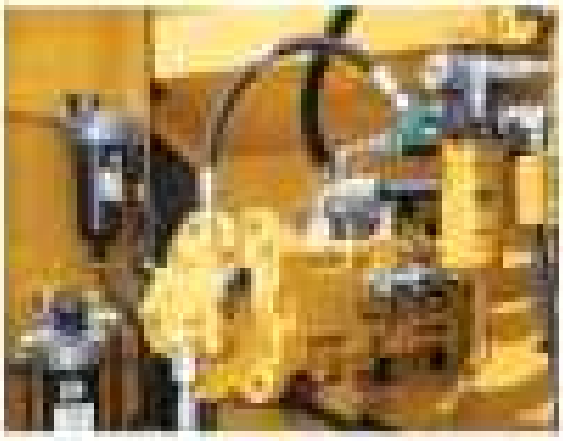
FEEL SAFE AT WORK
EVERY DAY WITH CAT EXCAVATORS

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

EASY TO ISOLATE HYDRAULICS

SAFE WORK PLATFORM

FULL LENGTH FIRE WALL



INCREASE YOUR PRODUCTIVITY AND PROFIT

WITH CAT ATTACHMENTS

[illegible] expand the performance of your machine by adding Cat Attachments. Each Cat Attachment is designed to do one job and [illegible] for improved performance, safety and durability.

[illegible]

[illegible]

CAT LINK TECHNOLOGY

TAKES THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

CAT LINK wireless technology keeps your data completely secure as it moves from your machines — by gathering data generated by your equipment, materials, and people — and sending it out in your choice of customizable formats.

PRODUCT LINK™

Product Link™ collects data automatically and accurately from your assets — large or small, any fleet size, any location such as location, hours, idle time, and maintenance alerts are displayed online through web or mobile apps.

VISIONLINK®

Access information anytime, anywhere with VisionLink® — use it as a tool to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your job site. With other Cat connected technologies, your Cat dealer can help you configure exactly what you need to connect your fleet and manage your business, without paying for services you don't want. Subscriptions are available with cellular or satellite reporting options.

TECHNICAL SPECIFICATIONS

[illegible]

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STANDARD & OPTIONAL EQUIPMENT

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

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