


GET MAXIMUM RETURN ON YOUR INVESTMENT

# CAT<sup>®</sup> CERTIFIED MACHINE REBUILD





# YOUR CAT MACHINE IS BUILT TO PERFORM NOT FOR ONE LIFETIME, BUT FOR **MULTIPLE LIFETIMES**

## **DON'T LET THAT EXTRA VALUE GO TO WASTE**

RETURN YOUR END-OF-LIFE MACHINE TO LIKE NEW CONDITION FOR A FRACTION OF THE COST OF BUYING NEW

Keep the machine you're comfortable using while restoring its original performance and productivity – plus benefit from product enhancements introduced after it was manufactured. And because it's rebuilt, updated, serviced and supported to the high standards required by Caterpillar, a **Cat® Certified Machine Rebuild** could potentially capture higher resale value. It's the best way to get maximum return on your original machine investment.

## **REBUILD PROCESS**

### **STEPS TO A LIKE NEW MACHINE**

#### **INSPECTION/EVALUATION**

Perform fluid analysis, visual inspections and review available service history

#### **COMPLETE DISASSEMBLY**

Conduct an extensive inspection of all parts and components

#### **RECONDITIONING**

Complete work not included in a typical overhaul (e.g., frames, linkage pins, shaft bearings, electronic control modules, software)

#### **ENGINEERING UPDATES**

Recondition components to include the latest engineering designs

#### **REASSEMBLY**

Replace approximately 7,000 parts with new or remanufactured Cat parts; maintain all critical torques, clearances and pressure settings; replace all wiring

#### **PERFORMANCE TESTING**

Bench test the engine, fuel system, transmission, torque converter, differential, final drives and radiator; conduct turbocharger boost, stall speed rpm, throttle response, transmission and steering clutch response, and hydraulic and pilot relief valve pressure tests

#### **REPAINTING**

Paint the machine; apply model identity graphics and Cat Certified Rebuild decal

#### **FINAL INSPECTION**

Thoroughly inspect the rebuilt machine and assign a Rebuild Identification Number (RIN), which provides it with a brand new identity

#### **CUSTOMER EVALUATION**

Ensure satisfaction with performance in the working environment

A process this extensive requires trained professionals, specialized equipment, stringent quality control and access to the latest technical information that is available only through a Cat Certified Rebuild performed by your local Cat dealer.

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## COVERAGE OPTIONS

### NEW WARRANTY, EXTENDED COVERAGE

Every Cat Certified Machine Rebuild includes a like new warranty on all replaced parts, and you can add an optional **Equipment Protection Plan (EPP)\*** for additional protection and peace of mind.

\*Coverage differs by country.  
Additional coverage terms are available.

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## UPGRADES & UPGRADE KITS

### YESTERDAY'S MACHINE, TODAY'S STANDARDS

Want even higher levels of performance, fuel efficiency, safety, comfort and serviceability at a much lower price than buying new?

**Upgrade or retrofit** your machine with new features, technologies and options available on today's models. It's an affordable way to enhance your machine even further while it's already in the shop for a rebuild with no additional downtime required.

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## SERVICES

### LIKE NEW SUPPORT

Your local **Cat dealer** has the parts, service and expertise to keep your rebuilt machine on the job. Financing for a rebuild is also available through your dealer and Cat Financial offering a range of financial options.

## 12-60 MONTH

### COVERAGE TERM OPTIONS

WITH VARIABLE **SERVICE HOURS** TO MEET YOUR NEEDS



# A CAT® CERTIFIED MACHINE REBUILD REDUCES CUSTOMER'S SCOPE 3 GREENHOUSE GAS (GHG) EMISSIONS BY A MINIMUM OF 70%<sup>1</sup> AS COMPARED TO BUYING AN EQUIVALENT NEW MACHINE



## SUSTAINABILITY BENEFITS OF CAT® CERTIFIED MACHINE REBUILDS

Our products are **built to be rebuilt**. They are designed to withstand heavy-duty operating conditions and to be restored and reused for multiple life cycles, reducing the need for **additional raw materials, associated GHG emissions and waste**.

Cat® Certified Rebuild programs increase equipment lifespan by providing customers with product updates at a fraction of the cost of buying a new machine, **extending the life of materials**.

Additionally, **remanufactured parts**, commonly used in rebuilds, provide customers with quality parts that help lower the total cost of ownership. The remanufacturing process applies OEM performance and quality specifications to create like-new components **using fewer new materials by reusing existing cores**.

<sup>1</sup> Caterpillar conducted a globally representative study comparing the estimated "cradle-to-gate" GHG emissions of manufacturing a new product relative to performing a Cat® Certified Machine Rebuild for four products: 320 Medium Excavator, D6 Medium Dozer, 988 Large Wheel Loader, and 777 Off-Highway Truck. Caterpillar utilized life cycle assessment (LCA) guidance from the International Organization for Standardization (ISO) 14040/14044 and the Greenhouse Gas Protocol. Parts replaced in rebuild assumed purchased finished. Excluded were the estimated "gate-to-grave" GHG emissions, including use. "Gate" refers to when the product leaves a Caterpillar final manufacturing facility.



# CAT CERTIFIED REBUILD PROGRAM

Only the global Cat dealer network is capable of performing highly sophisticated Cat Certified Rebuilds – and no matter where you go in the world, you'll find the work completed to a consistent standard of excellence. Ask your local dealer about all our Cat Certified Rebuild solutions:

**Power Train Rebuild**

**Power Train Plus Hydraulic Rebuild**

**Commercial Engine Rebuild**

**Hydraulic Rebuild**

**Machine Component Rebuild**