

# CAT® CERTIFIED MACHINE REBUILDS

Construction  
Industry  
Equipment



**36**

**MONTHS**  
5000 HOURS

**PARTS AND  
SERVICE**

**WARRANTY\***

**Hastings Deering**





# OUR PROGRAM

When you're running Cat equipment, you're running with the best in the business. Keep it that way with Cat® Certified Rebuild programs through Hastings Deering. Your advantage when it comes to getting as new life and maximum value.

Cat Certified Rebuild programs help you benefit from the multiple lives designed into Cat machines, power trains and major components, all 'built to be rebuilt' to give you better value and your Cat longer life.

Rebuild and you can recover 'as-new' performance and productivity, enhanced by the latest engineering and technology updates, now backed all the way by an unbeatable warranty exclusive to Hastings Deering.

**36** PARTS AND SERVICE  
**MONTHS** WARRANTY\*  
**5000 HOURS**

## GET THE BENEFITS BUILT INTO EVERY REBUILD

- Full utilisation of a second life for maximum lifetime value
- Tailored to your needs – rebuild the whole machine or individual components
- Includes latest critical engineering updates
- Best technicians with state-of-the-art tooling and workshops
- Complimentary access to HDAdvantage™ for 24 Months
- Reduced waste by reusing and recycling quality material
- Finance options available
- Transferable 36 months / 5,000 hours parts and service warranty\*



## CHOOSE THE PROGRAM THAT'S RIGHT FOR YOU

### CERTIFIED MACHINE COMPONENT REBUILD

Restore your engine, transmission, torque converter, axle assemblies or final drives to like-new performance and get the most from your machine. Backed with 36 months / 5,000 hours parts and service warranty coverage.\*

### CERTIFIED POWER TRAIN REBUILD

We inspect and rebuild all power train components from the radiator to the wheels or sprockets. Renew power train performance and productivity, and extend the productive life of your equipment.

### CERTIFIED ENGINE REBUILD

Specific rebuild options for generator sets, pumps and other power applications. Rebuilding your engines maximises your investment in Cat durability, dependability and performance.

### CERTIFIED HYDRAULIC REBUILD

Give your excavator's hydraulic systems a new lease of life. This specialised program focuses on renewing total performance for great efficiency and reliability.

### CERTIFIED REBUILD

Go all the way for maximum value. Rebuild the entire machine to recover and rejuvenate all of its performance and productivity, enhanced by the latest engineering updates. As-new performance at 50-70% the cost of new, with extended parts and service warranty coverage.\*

# OUR PROCESS

**Nobody rebuilds better, or works the way we do. Hastings Deering has unrivalled access to extensive Cat component performance data, so our equipment specialists can design the best rebuild for your needs, following proven procedures and systems.**

We offer state-of-the-art tooling, workshops and proprietary know-how that ensures your Cat components can be rebuilt again and again. Our expertise in critical component wear limits means we replace the right parts, at the right time.

Above all, we're committed to helping you avoid unnecessary and expensive full component replacements before you really need them.

That's experience that counts.

## THE HIGHEST STANDARD OF WORK AND QUALITY ASSURANCE MEASURES – STEP BY STEP

### 1 INSPECTION AND EVALUATION

Power train rebuilds involve up to 200 tests and inspections. They start with fluid analysis, visual inspections, and maintenance procedure reviews, all carried out to determine a customised rebuild plan and an accurate cost estimate.

### 2 DISASSEMBLY

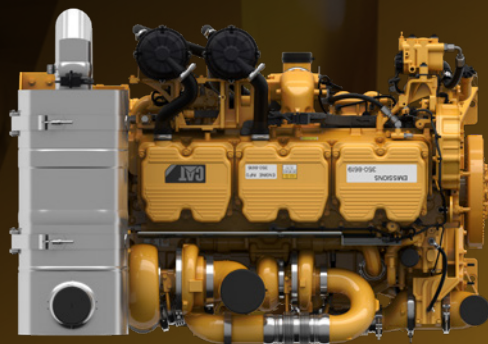
Once disassembled, all power train Level 1 parts, hoses, belts, seals, gaskets, bearings, knobs, wiring, switches and gauges are replaced with new parts. Remaining Level 2 and 3 parts are inspected and measured against strict reusability guidelines. Any parts that don't meet the guidelines are either replaced with new or Cat Reman parts, or reconditioned to meet specifications.

### 3 ENGINEERING UPDATES

Any improvements introduced after the original date of manufacture are incorporated into the rebuild.

### 4 POWERTRAIN PARTS INSPECTION

Engine, fuel system, transmission, torque converter, differential, final drives and radiator are inspected, reconditioned and updated with new or qualified parts. Each component is thoroughly bench-tested before reinstallation.



### 5 REASSEMBLY

All critical torques, clearances and pressure settings are maintained and recorded. Engine wiring harnesses are always replaced, however other wiring is only replaced on full machine rebuilds.

### 6 PERFORMANCE TESTING AND ADJUSTING

Rigorous testing ensures quality control. Our standard tests include: turbocharger boost, throttle response, stall speed rpm, transmission and steering clutch response, plus hydraulic and pilot relief valve pressures. Contamination control procedures recommended by Cat are implemented to maximise system cleanliness.

### 7 CUSTOMER EVALUATION

The rebuild process is complete only when you - the customer - is totally satisfied with the performance of the machine in its working environment.



# OUR KNOW-HOW

## PEOPLE YOU CAN COUNT ON

**Behind every Cat certified rebuild is Cat certified people.**

Highly skilled, experienced specialists who understand your industry and know what it takes to keep it moving. Experts who know everything about the equipment we sell that's 'built to rebuilt'.

- People who live and breathe Cat equipment and components
- Experienced employees with up to date training, working to the highest standards and with the latest technologies
- Staff with a customer service driven approach to looking after you, your equipment and business
- People who are honest, ethical and hardworking
- Hundreds of men and women who are challenged to keep on learning and improving throughout their career

## TEAM WORK THAT WORKS TOGETHER

**Nobody rebuilds better than the teams at Hastings Deering.**

Together they work as one cohesive unit, sharing ideas, insights and their passion for every Cat product. Available anywhere, anytime for advice or support, every team member, and what they have to offer, is another big advantage of partnering with Hastings Deering.

### CATERPILLAR TRAINED TECHNICIANS

- Structured learning – accreditation
- Product specific – trouble shooting, failure analysis, diagnostics
- Certification – machines, engines
- Quality – right the first time, quick, efficient and cost effective

### TOOLING

- Certified tooling for job – maintained and calibrated
- Time efficient workshop equipment – repair stands, jib cranes, hot water cabinet washers
- State-of-the-art engine dyno & transmission test benches

### REPAIR OPTIONS

- Planned maintenance to minimise costly and unexpected downtime – planned component exchange, flat rated repair (standard job), reman components, and material repairs

### CONTAMINATION CONTROL

- Compliance with Cat standards for contamination reduction
- Components washed prior to tear down
- Final filters and fuel water separator installed on fuel lines
- Designated assembly benches covered with durable plastic or rubber matting to protect sensitive parts
- Solvent stands that meet ISO 16/13

### INNOVATION AND CONTINUOUS IMPROVEMENTS

Cat and Hastings Deering have never sat still, and never will. Constant innovation and improvement is a part of our DNA, that's why Hastings Deering has adopted the Caterpillar Production System (CPS).

A lean, Six Sigma methodology, CPS underpins continuous operational improvement, increased productivity and the relentless drive to eradicate waste.



# OUR COMMITMENT

We put health and safety first, we are environmentally responsible, we respect human rights, and we are passionate about supporting the communities in which we operate.

When we talk about sustainability, we define it in simple terms. It's about taking actions today to ensure we can

succeed and grow in the future: creating great jobs for our people; providing exceptional service for our customers; and making a positive impact on the environment and community.



## CREDENTIALS OF THE HIGHEST ORDER

Hastings Deering takes best-practice industry accreditations seriously. So, our safety and environmental management systems are third party accredited to AS/NZS 4801:2001, and AS/NZS ISO 14001:2004 respectively.

## STRATEGIES FOR A NO HARM WORKPLACE

Hastings Deering has implemented a Strategic Safety Plan designed to support the delivery of a No Harm workplace. Since 2012, we have achieved a company-wide transformation of our safety performance with a >85% reduction of our Total Recordable Injury Frequency Rate (TRIFR).

## PARTNERSHIPS FOR A BETTER ENVIRONMENT

To assist our customers, Hastings Deering provides expert advice to optimise equipment maintenance approaches that can improve fuel burn, reduce emissions, reduce component wear and increase service intervals. Repower options can also contribute to lowering fuel consumption and emissions.

In fact, repower projects for D11R dozers and re-engineered hard rock loaders have resulted in reduced carbon emissions by 40 per cent and particulates by 42 per cent respectively.

## MAKING A DIFFERENCE TO COMMUNITIES

Hastings Deering is a strong supporter of community focused programs that promote education, build stronger communities and support health and wellbeing awareness, and research initiatives. We invest in local communities as an integral part of our sustainability objective to ensure the communities throughout our dealership region receive real benefit from our activities and reflect the diversity of our workforce.

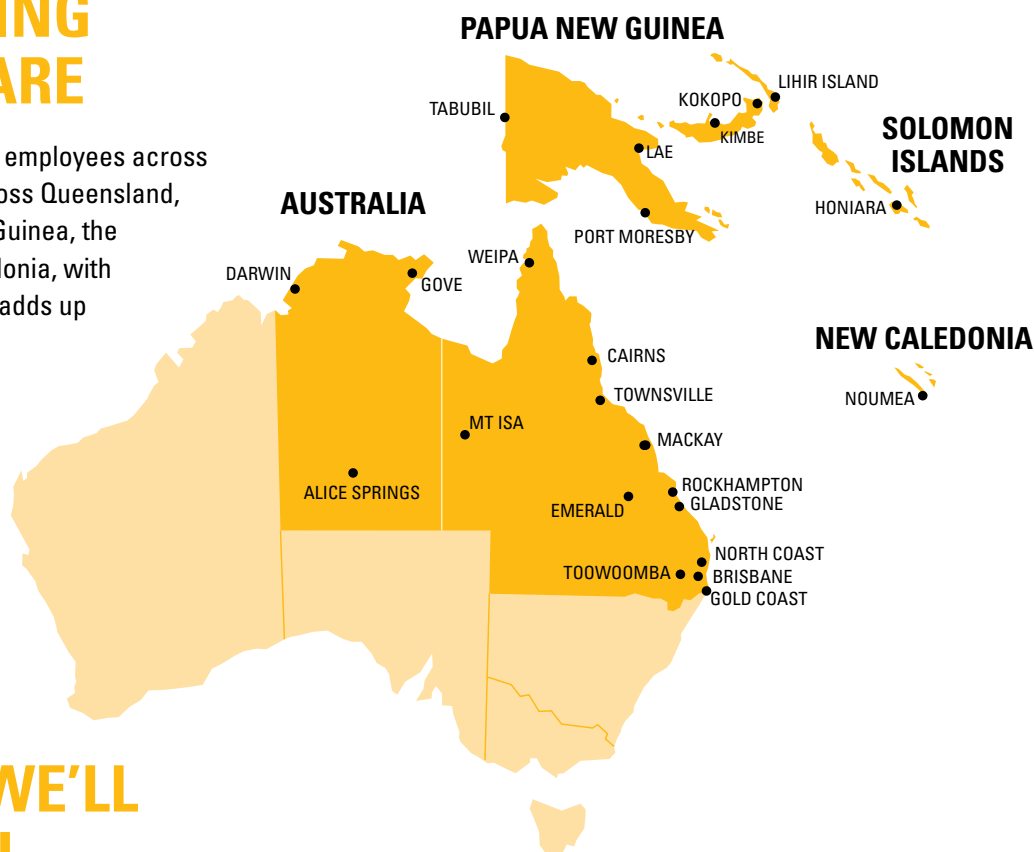


# OUR REACH

Hastings Deering goes back a long way, and covers a lot of ground. Born in 1932, we've been growing ever since, with a huge presence in Australia and the Pacific. It's a reach that goes both ways, with a mobile support network that can come to you throughout our Cat dealer territory.

## WE'RE WORKING WHERE YOU ARE

Hastings Deering has over 3,000 employees across 23 business service centres across Queensland, Northern Territory, Papua New Guinea, the Solomon Islands and New Caledonia, with home base in Brisbane. That all adds up to more people in more places at your service.



## COME IN OR WE'LL COME TO YOU

With rebuild capability in nearly all of our workshops we have the staff, components and service you want where ever you are. Our state-of-the-art facilities comply fully with Caterpillar's tough standards for Certified Rebuilds, and our network is so comprehensive, we even have the capability to perform Certified Rebuilds on-site to help reduce costs and downtime.

## WE'RE THERE FOR YOU 24/7

You can rely on our world class support network to get you out of trouble around the clock.

We have Hastings Deering Field Service Technicians across our entire Territory, and one call is all it takes to have fully trained experts despatched to your location to get your machine up and running as quickly as possible to minimise downtime.

**1700** SERVICE PERSONNEL



**390** SERVICE VEHICLES

**24/7** FIELD SERVICE COVERAGE

**23** BUSINESS SERVICE CENTRES

# OUR TECHNOLOGY

Only a Certified Cat Rebuild with Hastings Deering comes with complimentary **HDAdvantage** for the life of the parts and service warranty.

Whether you own one machine or many, **HDAdvantage** takes the guesswork out of equipment management – leveraging the latest generation telematics hardware and software solutions. Hastings Deering team of machine Condition Monitoring Analysts will proactively monitor your Cat machine health to help you maintain optimal machine performance, improve reliability and reduce service costs.

## DON'T WORK HARDER WORK SMARTER.



### MACHINE CONNECTIVITY

COMPLIMENTARY ON CAT  
CONSTRUCTION EQUIPMENT\*

**Access to HDAdvantage lets you make the most of the technology built into your Cat machine. Via our portal you will have access to:**

- GPS Locations of all connected Assets
- Machine Hours
- Fault Codes\*
- Fuel Burn\*
- Time Spent Idle\*
- SOS alerts and results
- Warranty information
- Invoicing
- Parts order history

\*Not Available on all machines, ask your representative for more details.

**HDAdvantage** Condition Monitoring supports you with technical expertise unmatched by any other workshop operation in our Cat Dealer territory. One well timed fault code or preventative maintenance alert could save you thousands in unplanned service costs and flow on impacts like increased component damage, income losses from machine downtime and operator safety risks.



### CONDITION MONITORING

COMPLIMENTARY ON CAT  
CONSTRUCTION EQUIPMENT\*

- Access to Hastings Deering team of Industry Experts who will provide proactive data-driven machine insights to help you accurately assess the health and maintenance requirements of your Cat® connected fleet.
- **S-O-S Fluid Analysis** gives you detailed information about oil and coolant conditions, component wear and much more.
- **Cat® Inspect** - Monitor your equipment in the palm of your hand with our easy and effective inspection app that allows you to spot equipment health issues on your smartphone.

# HDAdvantage®

# NOBODY REBUILDS BETTER

**Cat Certified Rebuild programs give you every advantage.**

A well-established program with proven processes, experience, know-how and back up all the way from a company and people who share the same values as you.

- As-new machine performance for 50-70% the cost of a new machine
- Recover original power, performance and productivity
- Choose the rebuild program that suits your needs
- Get the latest engineering and technology updates
- Benefit from working with trained, certified specialists
- Receive exceptional support and service wherever you are
- Know you've got the best warranty in the business
- Finance options available



**36** PARTS AND  
SERVICE  
**MONTHS** WARRANTY\*  
5000 HOURS

Contact your Hastings Deering representative or visit our website for more information.

**1300 186 248**  
**[www.hastingsdeering.com.au](http://www.hastingsdeering.com.au)**