CR Machine Shop

OEM-Quality Replacement Parts Mechanical Rebuilds • Re-Engineered Parts

Laser Cutting





- Full suite of specialized machining equipment & experienced operators
- Focused on tailored parts and performance-based engineering design
- Expertise in Hardox® wear parts
- Precision machine components
- Laser cutting up to 1-inch thick
- Fully-welded assemblies
- Produces 500 unique machined products
- Redesign engineering for high-failure parts

PRODUCTS & SERVICES

- Engineering & technical support
- Project consultation
- Machining
- Welding & fabrication
- Gear component rebuilds
- Mining & industrial parts
- Hardox[®] wear components











Customized, longer-lasting parts and rebuilds that exceed industry standards.



Located in Madisonville, Kentucky, **CR Machine Shop (CRMS)** operates a state-of-the-art manufacturing facility dedicated to delivering solutions that enhance customer productivity. The highly experienced CRMS team possesses in-depth knowledge of why parts fail and how to re-engineer them for improved durability in harsh, mechanically demanding environments. The company collaborates closely with customers to understand their challenges and develop cost-effective solutions.

Founded in 2016, CRMS is a subsidiary of Alliance Resource Partners. The company has a strong track record of solving complex problems with customized, longer-lasting parts that consistently exceed industry standards.





Cutting Equipment ESAB Sabre CNC Plasma Torch MITSUBISHI 3015GFX Laser

Forming Equipment

PACIFIC 200 Ton Press Brake

STANDARD 250 Ton Press Brake with CNC Back Gauging

Machining Equipment

AGIE Charmilles Cut E 600 Wire EDM HAAS EC 400 Horizontal Machining Center

> HAAS ST35Y with 48 Barfeeder

HAAS VF2SS

HAAS VF3Y 50T

HASS DS30Y Lathe

Manual Milling Station

MAZAK HCN88 Horizontal Milling Station

MAZAK Quickturn 18MS Y

OKUMA 4020 Vertical Mill

OKUMA MILLAC

TRAK 30120RLX Lathe

TRAK TMC 7

WELLS CNC Double-Column Bandsaw

CRMS **Products & Services**







OEM-Quality Replacement Parts

It is often easier and less expensive to have parts custom made rather than buying them from the OEM, where the part may be back-ordered in a foreign country while your equipment sits idle.

CRMS's core capability is the production of replacement parts – currently producing more than 500 unique parts for a variety of mining and industrial applications:

- Replacement parts for specific equipment/machines
- Pins and bushings
- Hardox[®] wear parts

Re-Engineered Parts

When your critical parts have a high failure rate and contribute to increased downtime, let the CRMS team rethink that part with an innovative engineering design that will increase its service life.

> Bring us a drawing or an idea and we will work with you to make it happen.



Mechanical Rebuilds

No matter how well equipment is designed and built, everyday mechanical stress and friction will wear down important components. In most cases, the equipment can be rebuilt to "good as new" condition and returned to service. Rebuilds can save the operator thousands of dollars compared to the cost of new equipment.

CRMS is highly experienced in:

- Driveshafts
- Axles John Deere, Kessler, Dana, Axletech, New Holland and more
- Gear Reducers/Speed Reducers Falk, Dodge, Flender, Hansen, Sumitomo, NORD, Komatsu, CAT and more
- Fans









Mission

To achieve total customer satisfaction through reliable, high-quality solutions.

- Solve customer problems with innovation and efficiency
- Deliver high-quality parts on time and on budget
- Provide exceptional value by combining craftsmanship, cost control and customer service
- Uphold a rigorous high-quality policy that meets evolving industry demands





Put the highly skilled and experienced CRMS team to work for you!

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