

QUALITY SERVING INNOVATION
50
YEARS

CINCINNATI



HAUSNER HARD CHROME

INCORPORATED

What is Hausner Hard Chrome's HH Chromeseal?

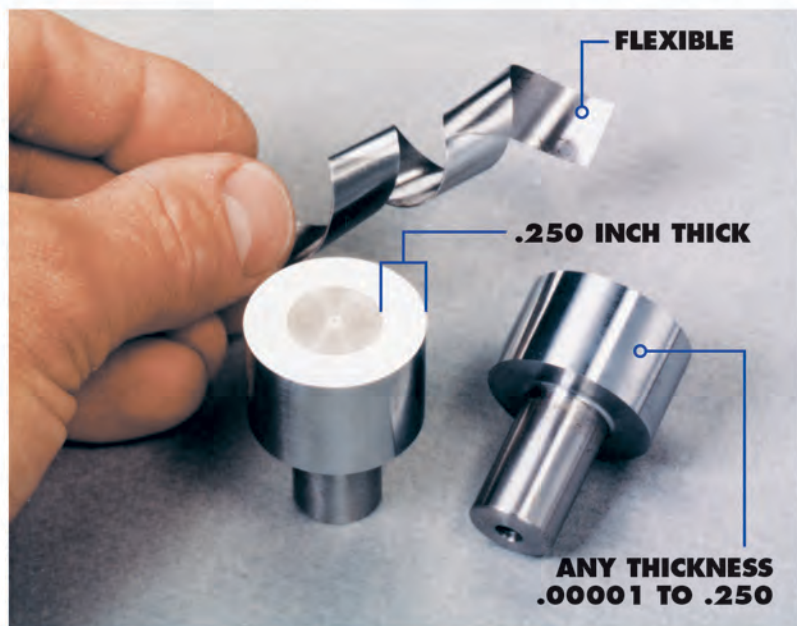
HH Chromeseal is our unique hard chrome plating process that enhances the HHC Hard coating with a proprietary mixture of materials to increase lubricity – thus reducing friction and wear and improving heat resistance.

CARBON STEEL BASE

**.010 THK H.H.CHROMESEAL®
HARDNESS 70RC SHOWING
DRY LUBRICANTS**



H.H. Chromeseal 65x Magnification



Improve New and Used Parts. Save Money.

Hausner Hard Chrome recommends HH Chromeseal for eliminating or greatly reducing friction, wear, galling, sticking, corrosion, chemical attack, or heat damage.

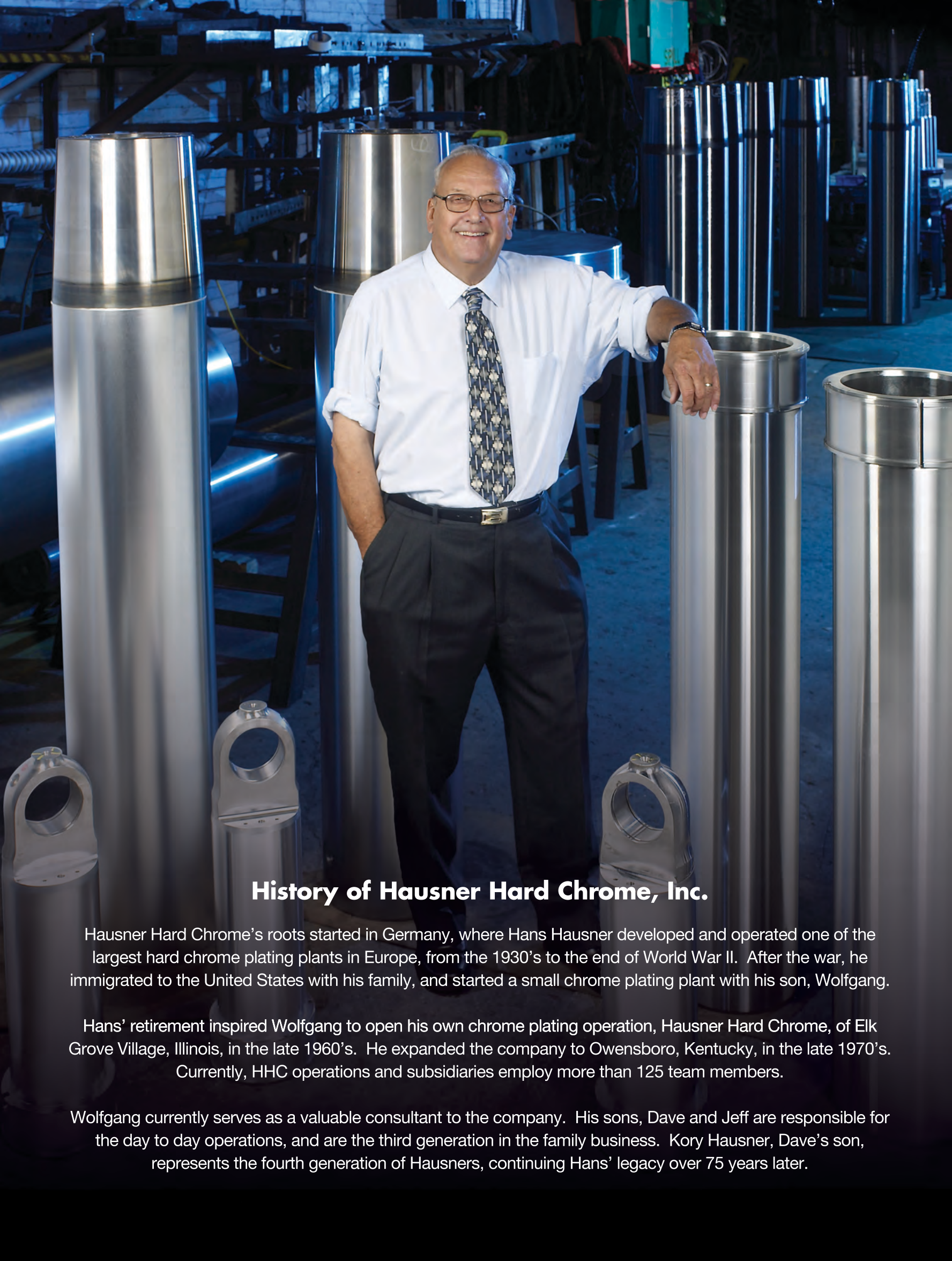
Plating existing parts with HH Chromeseal can provide significant cost savings over replacing parts with new ones.

Because HH Chromeseal outperforms OEM parts, we often process new parts to provide the benefits of added protection, reduced friction and better heat resistance.

HH Chromeseal has provided significant cost savings for virtually every industry in the world.



**Extrusion
Screw**



History of Hausner Hard Chrome, Inc.

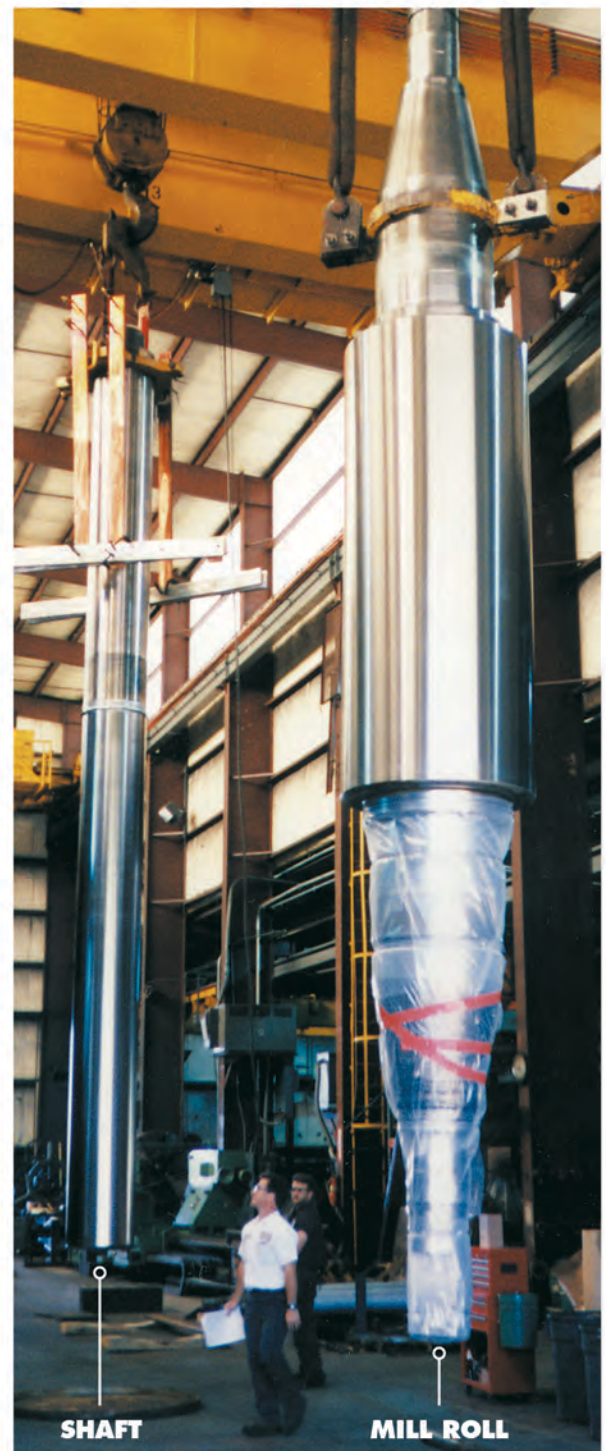
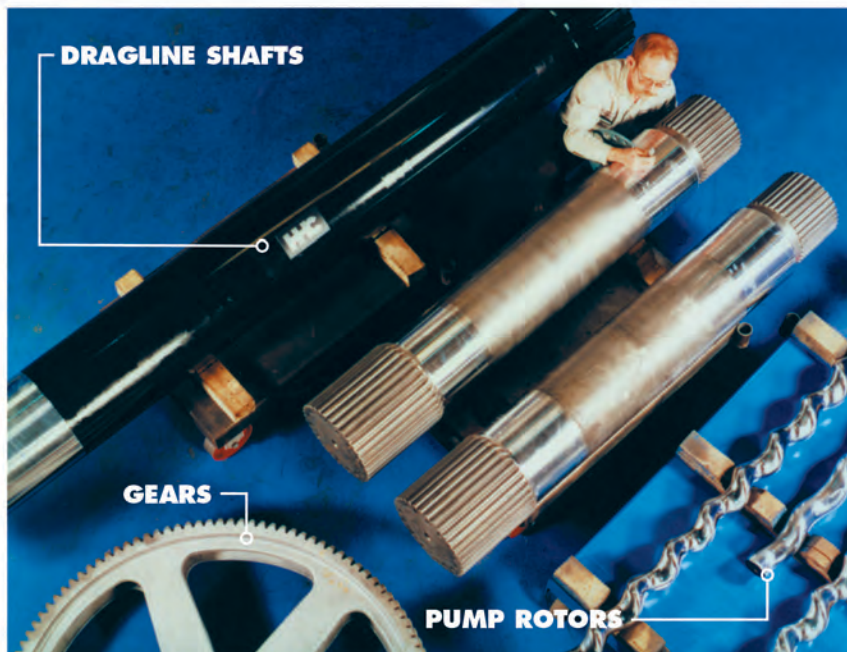
Hausner Hard Chrome's roots started in Germany, where Hans Hausner developed and operated one of the largest hard chrome plating plants in Europe, from the 1930's to the end of World War II. After the war, he immigrated to the United States with his family, and started a small chrome plating plant with his son, Wolfgang.

Hans' retirement inspired Wolfgang to open his own chrome plating operation, Hausner Hard Chrome, of Elk Grove Village, Illinois, in the late 1960's. He expanded the company to Owensboro, Kentucky, in the late 1970's. Currently, HHC operations and subsidiaries employ more than 125 team members.

Wolfgang currently serves as a valuable consultant to the company. His sons, Dave and Jeff are responsible for the day to day operations, and are the third generation in the family business. Kory Hausner, Dave's son, represents the fourth generation of Hausners, continuing Hans' legacy over 75 years later.

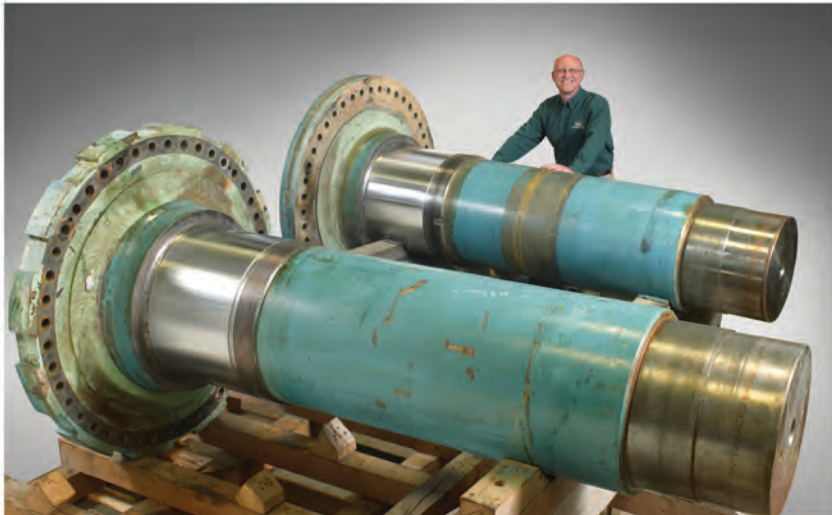
Wide-Ranging Industrial Applications

Hausner Hard Chrome remanufactures existing parts of all types and provides cost savings for numerous industries, including energy production (oil, coal, gas, wind and nuclear), manufactured goods, construction and building materials, paper, mining and food.

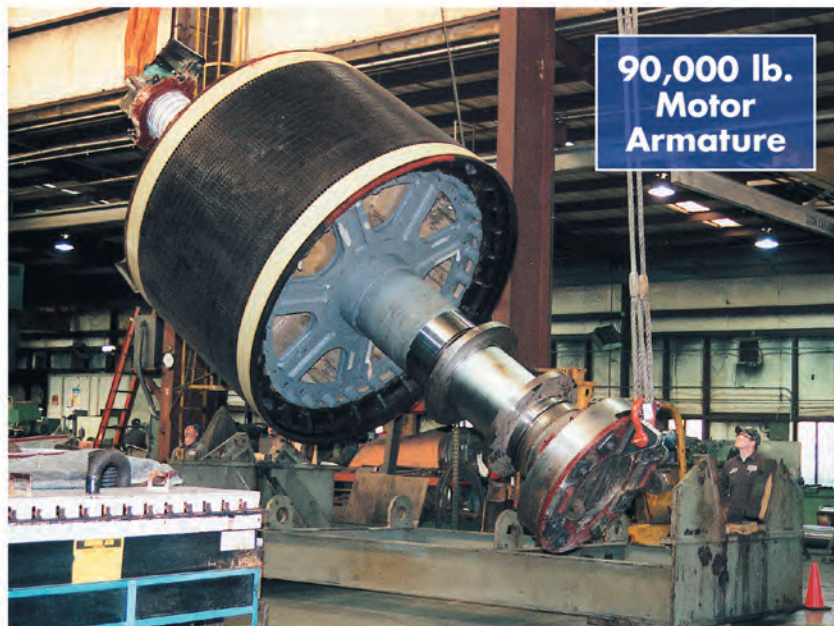


Quality Assurance

Every part that Hausner Hard Chrome handles is fully inspected throughout the process in our modern facilities. Our experienced Quality Assurance team uses the latest inspection equipment and technology. HHC will work to precise customer specifications to meet and exceed any need. HHC has experience and procedures in place for processing parts to a variety of standards and specifications, including nuclear regulations, oil and gas regulations, military standards (MIL-STD), aerospace material specifications (AMS), QQ-C, and ABS.



Renewable energy components



In-coming, in-process & final inspection is critical to reproduce consistent quality, tight tolerances and customer requirements.

We emphasize thorough inspection practices on every job, from the simplest rollers to expensive turbine journals and armature journals being repaired with one of the many HHC process solutions.



HHC specializes in large I.D. plating.

Brush Plate Coatings

To significantly reduce your downtime, Hausner Hard Chrome offers on-site brush plate coatings through the HHC Onsite Services Division. The brush plate process works at a low temperature to prevent damage from heat, and is capable of producing a very rapid metal build-up.

Benefits of HHC Onsite:

- Eliminates or minimizes disassembly
- Significantly reduced downtime
- Eliminates shipping
- Precise build-up with plating solutions that includes Nickel, Copper, Cobalt Tungsten and Brass
- Capability for very rapid metal build-up
- Low temperature process to add metal without thermal distortion



Motor repair with Brush Plating

HHC Onsite is ideal for:

- **Electric Motors/Turbines** – Journal restoration includes bearing
- **Printing Presses** – Resize journals and restore cylinder damage
- **Shafts/Journals** – Restore worn or mis-machined to original size
- **Drums** – Restore damaged dryer and chiller drums
- **Hydraulics** – Ram and cylinder scores restored
- **Rolls** – Spot damage on process rollers in plastics and web roller lines



sales@hausnerinc.com
270-684-2279 | Fax 270-684-4638

Thermal Spray Coatings

Automated Electric Wire Arc process deposits Wear Coating



As part of the expanding services of Hausner Hard Chrome, Hausner Industrial Coatings provides a variety of alternative coatings when a thicker application or faster build-up are required.

Hausner Industrial Coatings utilizes several high velocity metal application processes such as High Velocity Oxygen Fuel (HVOF), Electric Wire Arc, and Combustion Spraying to apply Tungsten Carbide, Chrome Carbides, Stainless Steels, plus many other metal types.

Contact us with your application requirements so we can determine the best solution for your needs.

HVOF process deposits WcWoCr coating

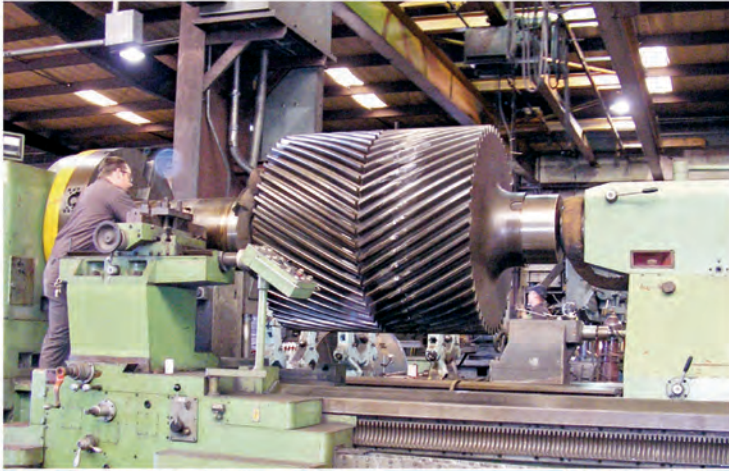


HAUSNER INDUSTRIAL COATINGS

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Additional in-plant support services

Hausner Hard Chrome provides additional services to support your facility and minimize downtime.



OD & ID Grinding, Turning, Fabricating,
& Machine Work in House



Metal Finishing



Dynamic Balancing



Sand Blasting & Shot Peening

**For more information visit our web site or
contact sales at one of our locations.**



**Hausner Hard Chrome
Illinois**

670 Greenleaf Ave.
Elk Grove Village, IL 60007-5084
Phone: 847-439-6010
Fax: 847-439-6027
Email: sales@hausnerinc.com



**Hausner Hard Chrome
Kentucky**

3094 Medley Rd.
Owensboro, KY 42301-8731
Phone: 270-684-2279
Fax: 270-684-4638
Email: sales@hausnerinc.com

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**Hausner Hard Chrome
Corporate Headquarters**

3094 Medley Rd.
Owensboro, KY 42301-8731
Phone: 270-684-2279
Fax: 270-686-7571
Email: sales@hausnerinc.com



**Hausner Hard Chrome
Production and R&D Plant**

690 Greenleaf Ave.
Elk Grove Village, IL 60007
Phone: 270-684-2279
Office: 847-439-6010
Email: sales@hausnerinc.com

www.hausnerinc.com