



**Aftermarket  
Service Solutions**

**Repair Services,  
Replacement Components  
& Engineering Support  
for All Reciprocating  
Compressors**



**COOK<sup>®</sup>  
COMPRESSION**

A **DOVER** COMPANY

# A FULL-SERVICE RESOURCE

Today's business climate places ever-increasing demands on compressor availability. You need a resource you can count on for everything from routine repairs and preventive maintenance to emergency service, planned upgrades, and major turnarounds. You'll find it all in one place – Cook Compression.

## Versatility to Meet Your Changing Needs

Cook Compression offers a comprehensive range of repair services, quality replacement components, and extensive engineering support. We service any reciprocating compressor, including high-pressure machines. We have the commitment to handle your everyday needs efficiently – plus the capabilities and technical expertise to manage your largest projects effectively.

Strategically located service centers and an extensive network of highly



experienced field sales, service, and technical specialists allow us to respond quickly to your needs. Our facilities are state-of-the-art, both in terms of the machinery we use and in the procedures we have continually refined in more than a century of service to the gas compression industry.

## Capability Highlights

- Reconditioning of compressor valves and related components
- Compressor cylinder relining, resizing, and overall repair
- PlasKote50+™ cylinder bore plasma coating
- Hydrostatic pressure testing and cylinder recertification
- Compressor piston repair and non-lube conversions
- Compressor piston rod resurfacing, grinding, thread rolling, and wear-resistant hardening
- Turnkey low-density polyethylene (LDPE) cylinder reconditioning
- Pressure and wiper packing case repair and component replacement
- Crosshead rebabbiting and repair
- Crosshead slide repair and resizing
- Compressor frame aligning and boring



*Expertise to meet everyday needs...  
Experience to solve extraordinary problems...*



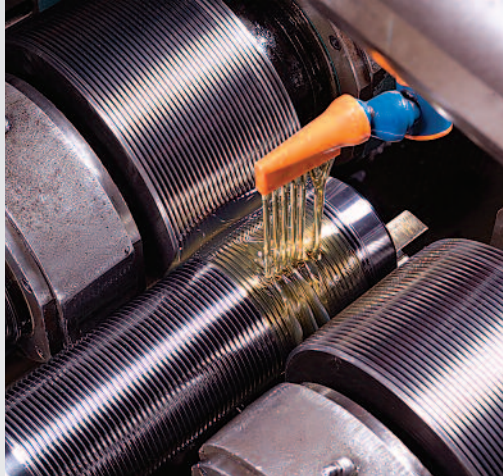
# MANAGED COMPRESSOR PRODUCTIVITY™

With Cook Compression, repairs are just the beginning. You can also take advantage of our Managed Productivity services, a range of ongoing support that may include compressor monitoring, diagnostics, troubleshooting, engineering, on-site training programs, and more – all designed to maximize your run-times, increase efficiency, enhance cylinder integrity, and improve environmental compliance. In short, we give you more than just component repairs – we deliver engineered improvement.

Managed Productivity relieves you of repair burdens and puts responsibility for your compressor's availability in the hands of our team of experts. It's an ideal way to solve chronic problems, assure top performance, and reduce your operating costs.

## A Full-Service Approach

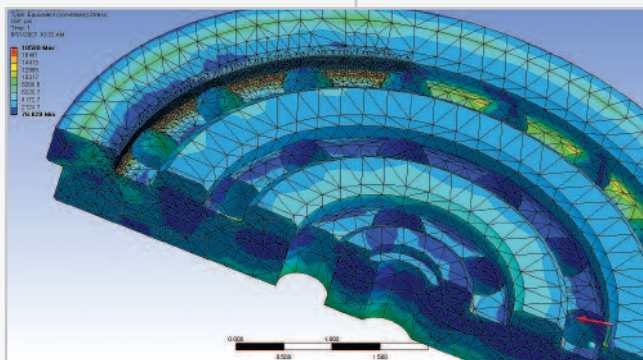
Cook Compression offers true turnkey service, giving you a single-source solution for all parts, machining labor, logistics, and technical support. We handle every aspect of your project, from complete tear-down and inspection through final assembly.



In situations where equipment cannot be safely or cost-effectively restored to OEM or better condition, we offer a full line of quality Cook-manufactured parts. What's more, all services and components are backed by complete warranties for materials and workmanship.

## Technical Support Capabilities

- Engineering
- Component design
- Finite Element Analysis (FEA)
- Computational Fluid Dynamics (CFD)
- 3-D modeling
- Dynamics simulation systems
- Materials research
- In-house laboratories
- Instrumented test compressors



## Quality & Documentation

Quality assurance procedures include thorough product inspection, material certification, and detailed documentation with full traceability of new components. All work is performed according to your specifications, as well as our own stringent quality standards.

When you need quality you can trust and service you can rely on, the solution is Cook Compression.

***For a better approach to compressor repair and maintenance, contact your local Cook Compression representative or email [service@cookcompression.com](mailto:service@cookcompression.com).***





www.cookcompression.com

*Aftermarket  
Service Solutions*

## *Manufacturing, Sales and Service Centers*

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*Representatives and Factory-Certified Service Centers Worldwide*

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