



Pipeline Compression Solutions

**OPTIMIZE EFFICIENCY, SAFETY, ENVIRONMENTAL
COMPLIANCE AND UTILIZATION**



SINGLE-SOURCE ADVANTAGE FOR PIPELINES

To maintain a competitive edge in natural gas pipeline operations, you need optimum performance from your reciprocating compressors and drivers. One resource has the expertise, services and products to make it happen: Cook Compression®.

In more than 50 years of service to the pipeline industry, Cook Compression has helped operators increase reliability, boost efficiency, improve environmental compliance and reduce overall costs of service.

AN EFFICIENT SOLUTION

Cook Compression is a comprehensive resource for pipeline compression. We offer field and factory services, contract maintenance, diagnostics, emissions solutions, control systems, engineered replacement products and more. That gives you a single point of contact for all your needs, simplifies project management and order tracking, and reduces your procurement costs.

Cook Compression is structured for responsiveness. Our technical representatives, field service teams, service centers and manufacturing facilities are strategically located and organized to react promptly and provide efficient, cost-effective service.



Comprehensive field services

FIELD SERVICE

Cook Compression provides a full complement of field services, including portable machining to re-bore and re-line cylinders. Experienced technicians with the latest portable equipment deliver the quality and speed you need to get machinery back on-line.

- Portable machining
- On-site repairs
- Scheduled maintenance
- Installation and start-up work
- Diagnostics and troubleshooting

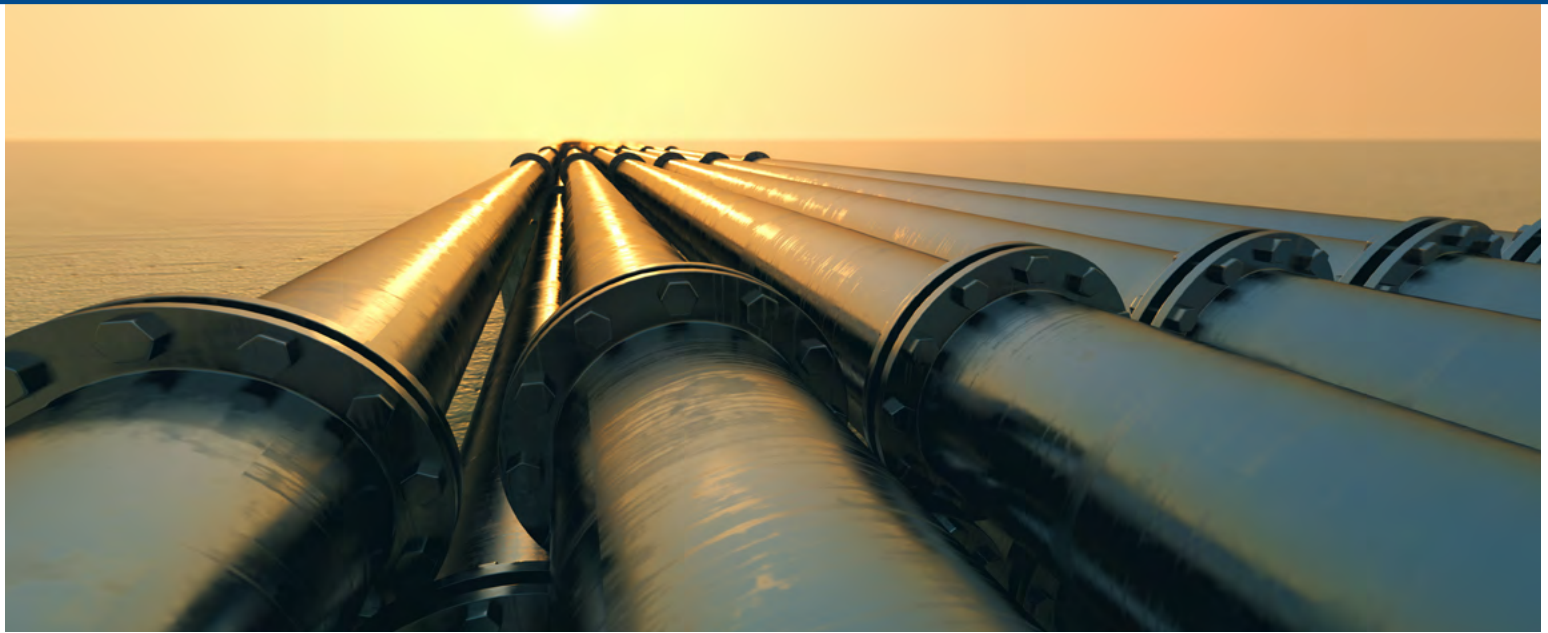
FACTORY REPAIRS

Gas leakage is not always caused by worn rod rings. Inspections using a Cook thermal mass flow meter reveal the source is often component wear on case and rod assemblies. Cook Compression restores cases and rods to factory reconditioning standards – part of a complete lineup of factory repair services.

- Packing case reconditioning
- Rod and piston repairs
- Valve reconditioning
- Overhauls



Optical comparator checks flatness of critical surfaces



EMISSIONS SOLUTIONS

Cook Compression offers proven solutions to help you meet your emissions objectives through improved repair procedures, component replacements, engineered systems and more. Our flow testing accurately quantifies leakage associated with compressor seals, enabling comparisons of different packing options and component upgrades.

- Leak testing using Sentrax™ thermal mass flow meters
- COOK CLEAN purged cases
- Static-Pac® shutdown seals
- Ultra-low-leakage ring technology
- HSR leak-preventing valve restraints

ENGINEERING SUPPORT

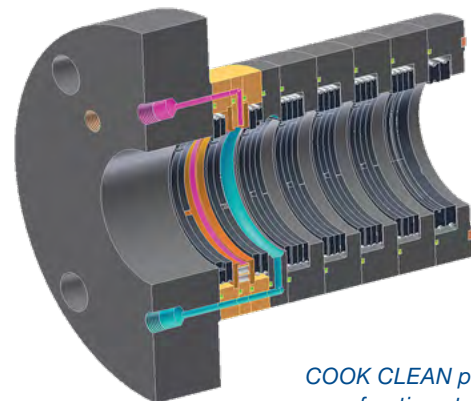
Cook Compression consults with you to solve problems, suggest improvements, and optimize your machinery for specific applications.

- Compressor performance evaluations
- Root Cause Analysis (RCA)
- Finite Element Analysis (FEA)
- Computational Fluid Dynamics (CFD)
- Dynamics simulation systems

HIGH-PERFORMANCE REPLACEMENT PARTS

Cook Compression designs and manufactures a wide range of engineered replacement parts. Each product delivers maximum performance and extended service life – from compressor rods featuring induction hardening and premium rolled threads to valve components with internals that are produced in-house.

- Piston and rider rings
- Rod rings
- Advanced compressor valve designs
- Compressor rods
- Pistons
- Unloaders
- Valve restraints
- Fuel valves



COOK CLEAN packing case, a range of options to achieve any emissions-reduction objective



READY TO GET STARTED?

Cook Compression is committed to helping you maximize compressor performance, decrease operating costs, enhance safety and improve environmental compliance.

Visit www.cookcompression.com to find your local Cook Compression representative or submit an inquiry.



COOK[®]
COMPRESSION

DOVER[®]
PRECISION
COMPONENTS

www.cookcompression.com | info-cook@doverprecision.com