

PLASKOTE50+® COATING

Bring your worn compressor cylinders back to life

Returns cylinders to OEM specifications while providing outstanding durability and cost-effectiveness

When your compressor cylinder bore is worn, bring it back to standard size with high-quality PlasKote50+® coating.

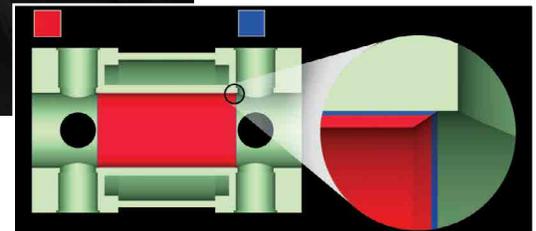
RETAINS CYLINDER RATING

PlasKote50+ coating is an effective way to recondition cylinders without having to add a cylinder liner. Unlike adding a liner, PlasKote50+ coating is a solution that can be applied to any unlined cylinder – regardless of make or design. Equally important, PlasKote50+ coating retains the integrity of your cylinder. Adding a liner requires boring and removal of material that changes the Maximum Allowable Working Pressure (MAWP) of the cylinder. PlasKote50+ coating eliminates the need for boring and allows your cylinder to retain its original pressure rating.

APPLIED WITH PRECISION

PlasKote50+ coating is applied using a state-of-the-art plasma torch. The work environment is fully contained and controlled to sweep away any impurities that would otherwise contaminate the application process. This exacting procedure results in a harder, denser coating (hardness 50 RC). The PlasKote50+ application process is fully automated to ensure quality and consistency.

Cook Compression offers complete cylinder rebuilding to original specifications for the following



Cross section of cylinder showing build-up of bond coat and final coat (50 RC) prior to machining and honing to factory specifications

compressors: Ariel, Chicago Pneumatic, Gardner Denver, Joy, I/R ESH, RDS, HOS, Knox Western, Worthington Super Cub, ESV, RDH and Gemini.

OTHER SERVICES

- Compressor liner manufacturing
- Compressor cylinder relining
- Valve deck resurfacing
- Crack repair
- Stud hole repair
- Gasket surface and flange face resurfacing to ensure proper fit and function

ADVANTAGES

- Maintains cylinder MAWP
- Very hard (50 RC) and dense coating
- Wear resistant and corrosion resistant
- Quality controlled environment
- Repeatable process
- Fast turnaround



Compressor cylinder being hydrostatically tested at 1.5 times the maximum working pressure

HYDROSTATIC TESTING

In addition to our plasma cylinder coating capabilities, we can perform cylinder hydrostatic testing to ensure the integrity of your cylinder.

A RELIABLE RESOURCE

Cook Compression is a highly experienced specialist in compression technology. Since 1976, we have provided replacement parts, repair and reconditioning services for the gas transmission, gathering, processing and refining industries.

CONTACT US

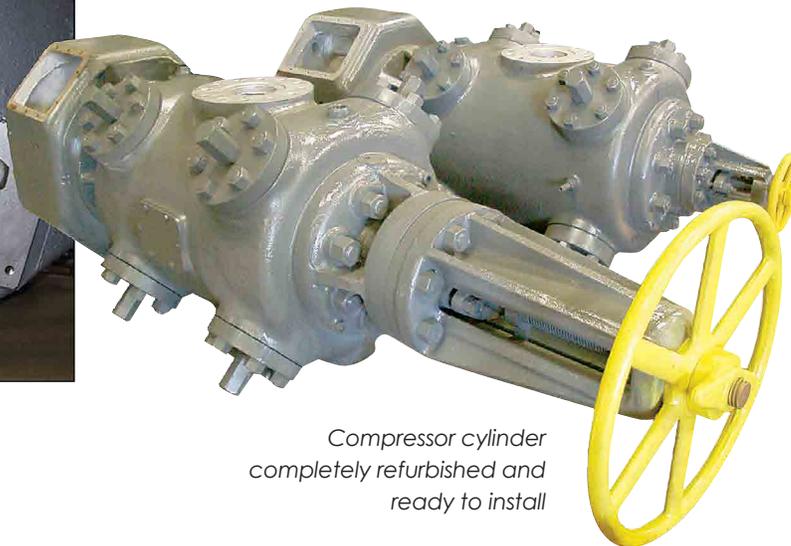
Cook Compression understands your need for responsive service. For assistance and more information, contact your local Cook Compression representative.



PlasKote50+ cylinder coating process



RDH 7.5" cylinder sprayed with PlasKote50+®



Compressor cylinder completely refurbished and ready to install

ADVANCING
PERFORMANCE
+ RELIABILITY
+ EFFICIENCY



Compressor Valves | Capacity Control | Valve Restraining Systems | Rod Rings | Packing Cases | Piston Rings | Rider Rings

Pistons | Rods | Cylinder Liners | Compressor and Engine Repair Services | Diagnostics and Analysis Services | Online Monitoring

and Response Systems | Lubrication Systems and Services | Control and Automation | Engineering and Technical Support

CookCompression.com