



## PlasKote50+® Coating

When your compressor cylinder bore is worn, bring it back to standard size with high-quality PlasKote50+ coating. The coating returns cylinders to OEM specifications while providing outstanding durability and cost-effectiveness.

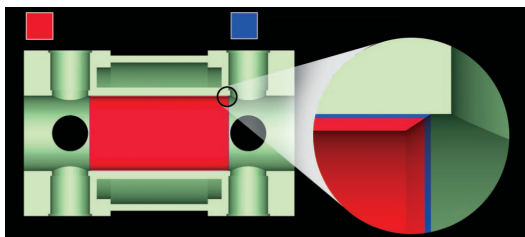
### RETAINS CYLINDER RATING

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.



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

### ADVANTAGES

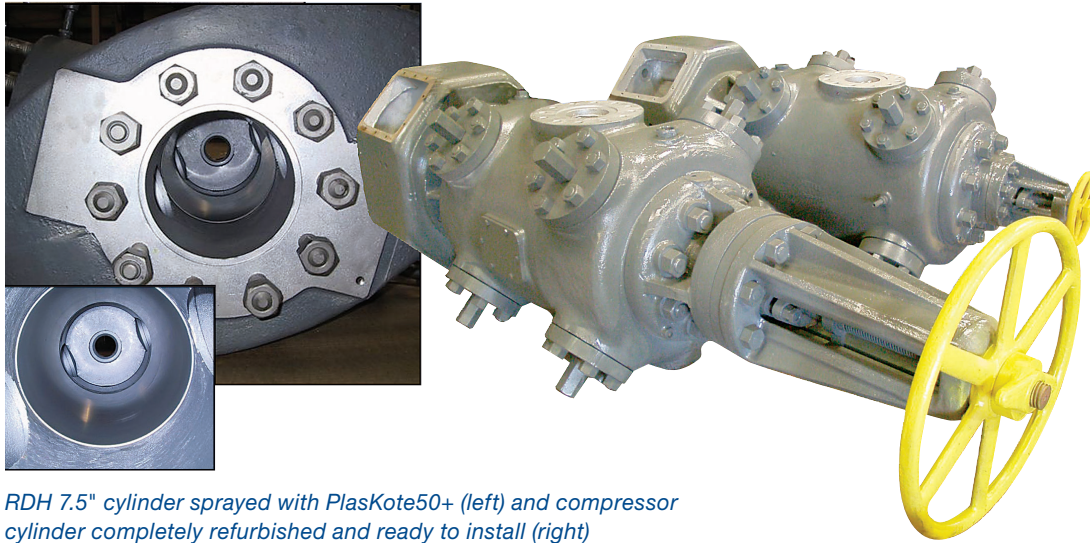
- Maintains cylinder MAWP
- Very hard (50 RC) and dense coating
- Wear resistant and corrosion resistant
- Quality controlled environment
- Repeatable process
- Fast turnaround



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



*RDH 7.5" cylinder sprayed with PlasKote50+ (left) and compressor cylinder completely refurbished and ready to install (right)*

### 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.



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