

Cylinder Xpress

— by —

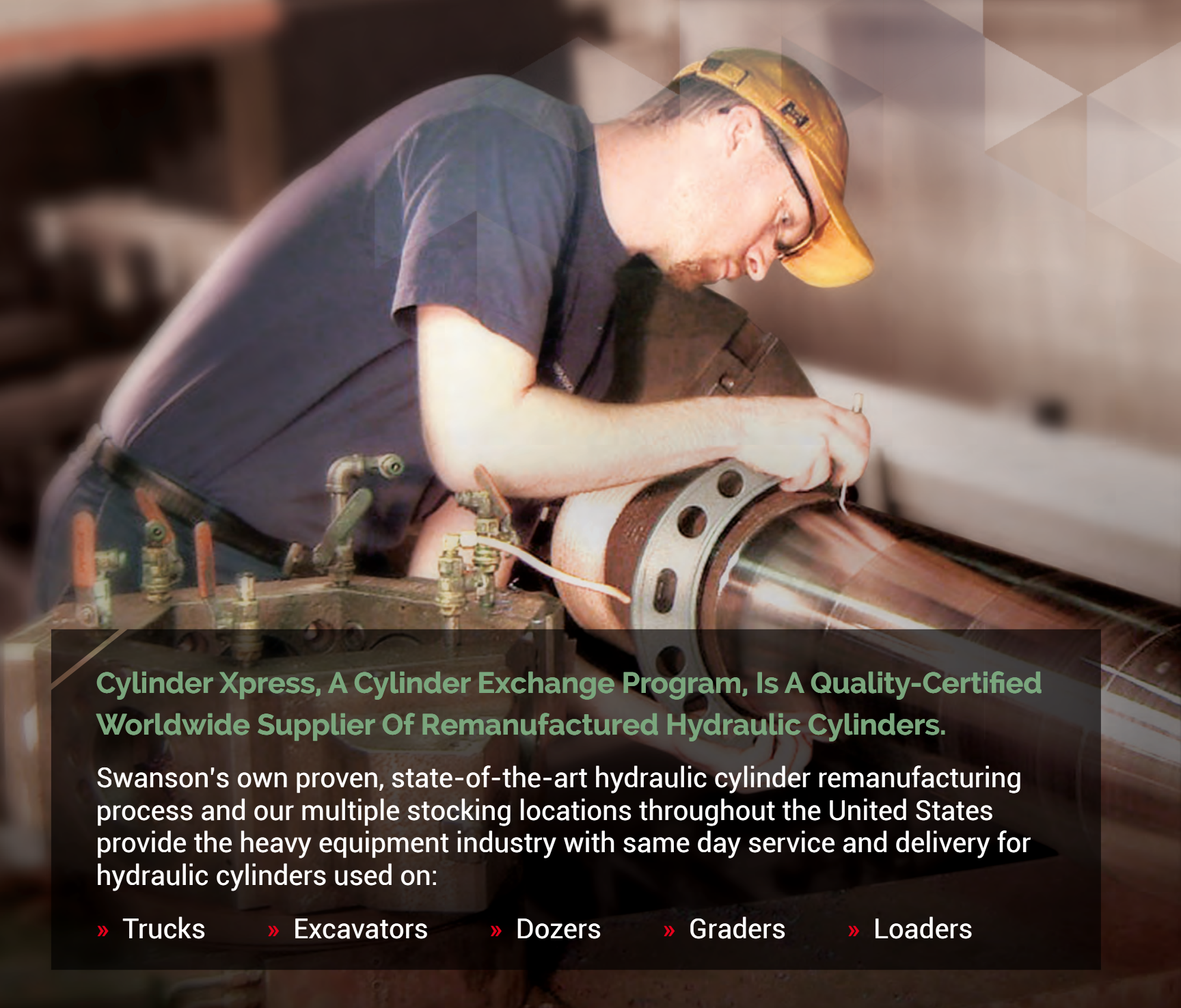


SWANSON
INDUSTRIES



**HYDRAULIC CYLINDERS REMANUFACTURED TO OEM SPECS
ARE NOW AVAILABLE FOR IMMEDIATE DELIVERY**

800-327-6203 | CXSales@swansonindustries.com



Cylinder Xpress, A Cylinder Exchange Program, Is A Quality-Certified Worldwide Supplier Of Remanufactured Hydraulic Cylinders.

Swanson's own proven, state-of-the-art hydraulic cylinder remanufacturing process and our multiple stocking locations throughout the United States provide the heavy equipment industry with same day service and delivery for hydraulic cylinders used on:

- » Trucks
- » Excavators
- » Dozers
- » Graders
- » Loaders

All cylinder remanufacturing and repair is performed in-house at Swanson's state-of-the-art facilities:



Laser Cladding



Induction Hardening



Friction Welding



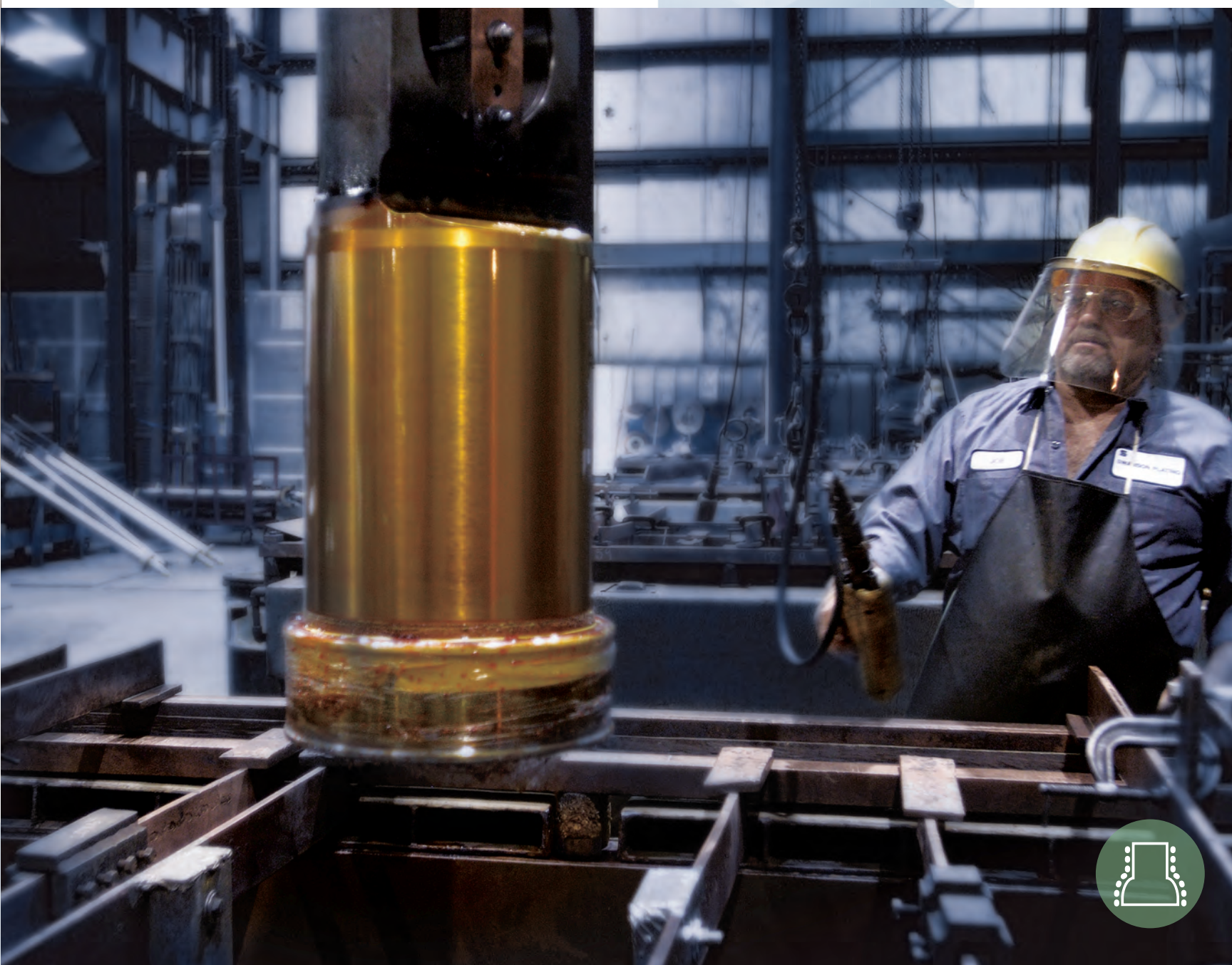
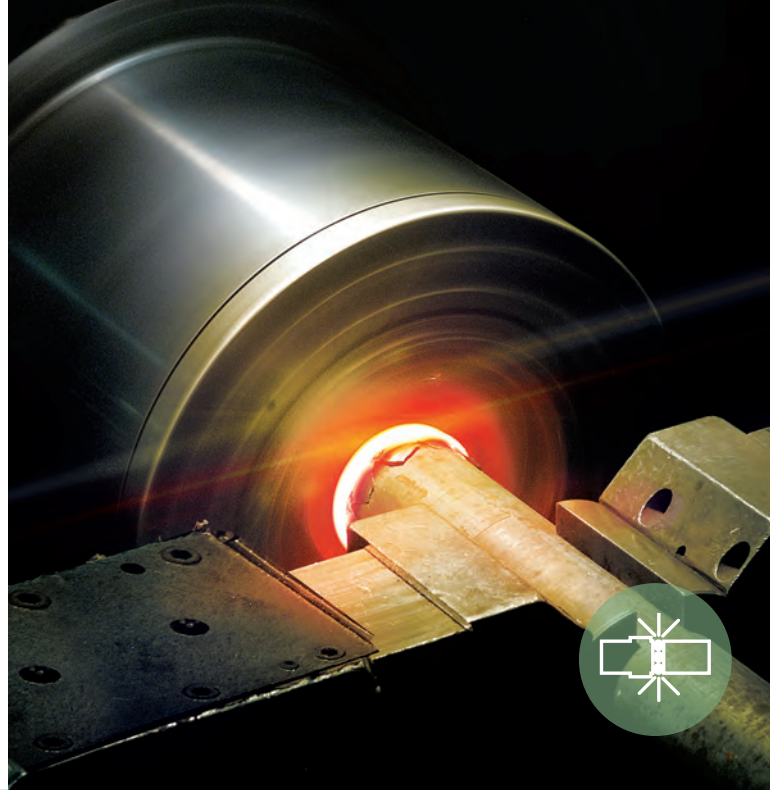
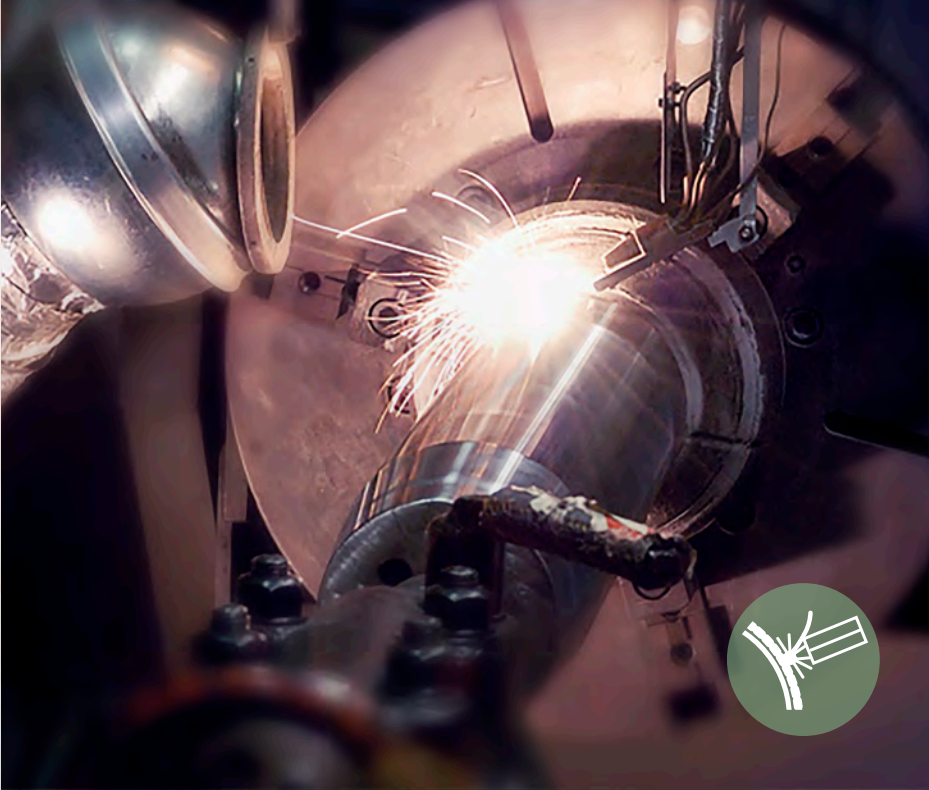
Submerged Arc Welding



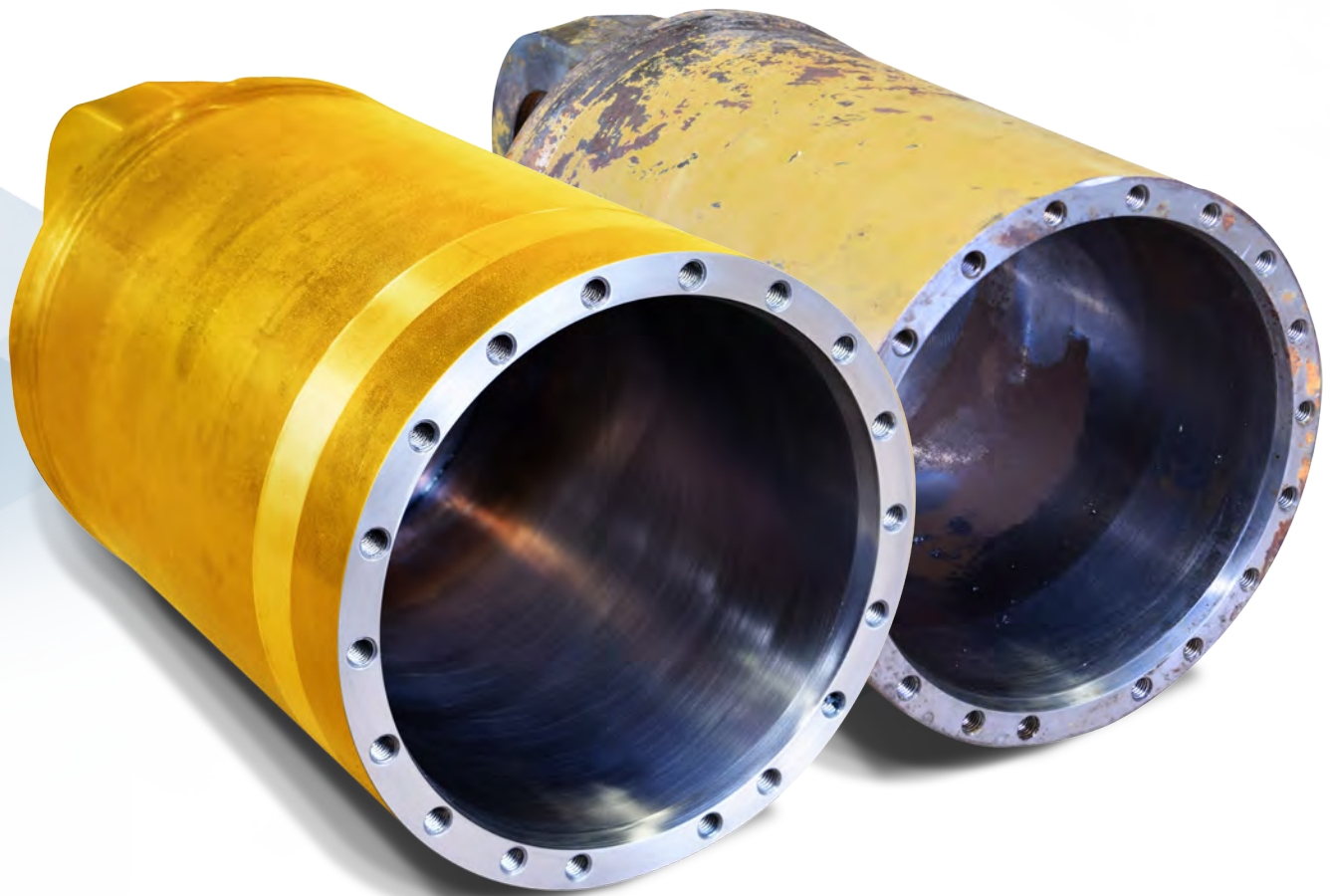
Industrial Chrome Plating



Laser Welding



With extensive engineering capabilities and decades of hands-on experience, Swanson is a worldwide leader in custom design, manufacturing, remanufacturing and repair of highly engineered hydraulic cylinders with rigorous application requirements and challenging operating environments.



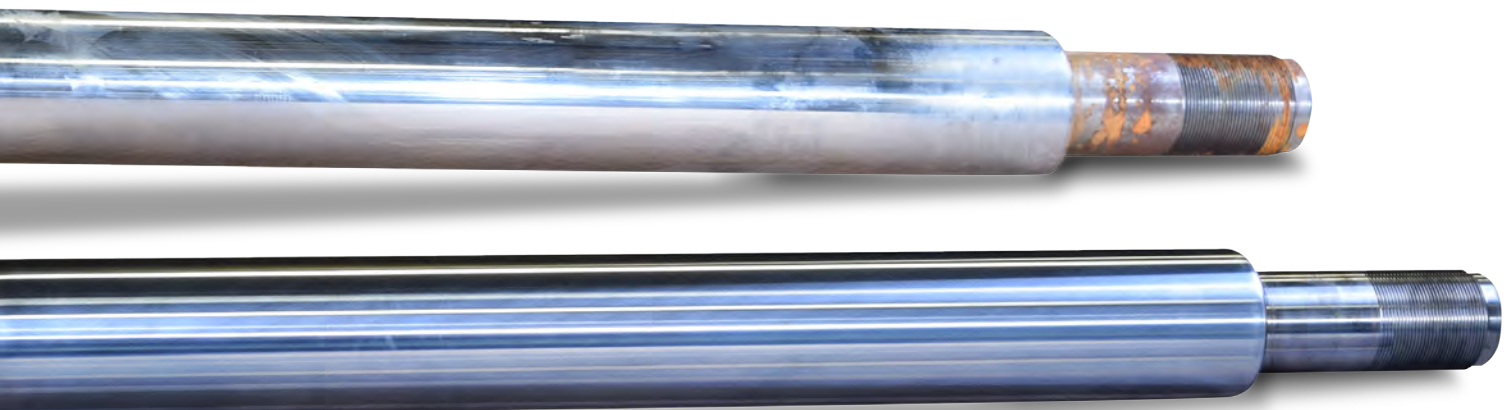
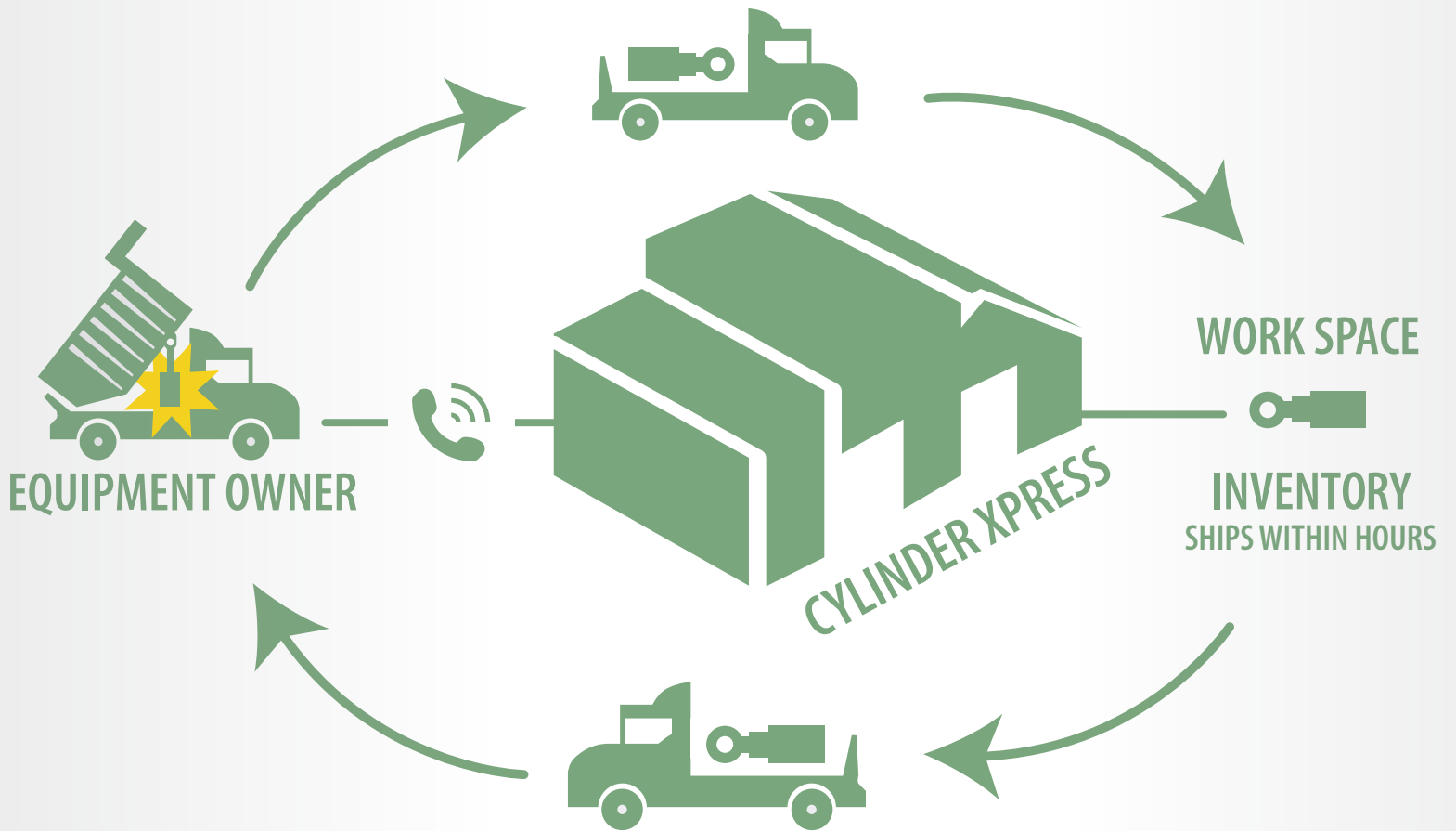
In An Increasingly Complex And Competitive Market, Value For Money Is A Priority

Severely worn or badly damaged hydraulic components mean lost productivity and machine downtime. Our Cylinder Xpress Exchange Program puts equipment back to work in days rather than weeks at a cost that compares favorably to replacing with "new" cylinders.



Cylinder Xpress Exchange Program Process

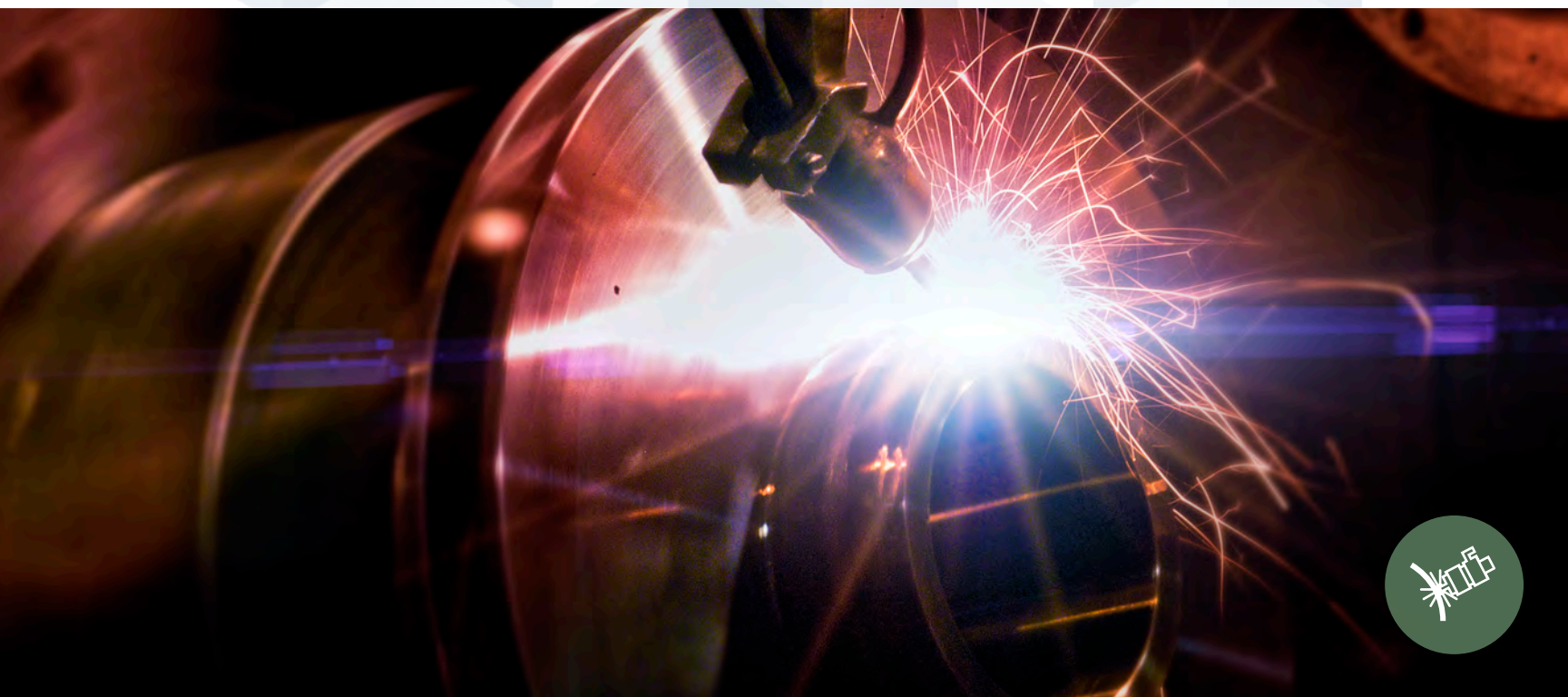
1. Customer contacts Cylinder Xpress about broken component.
2. Cylinder Xpress ships remanufactured part from inventory to customer.
3. Customer ships broken component to Cylinder Xpress work facility, which is later remanufactured and sent to inventory.
4. Customer assurance that remanufactured components is at OEM specs, or better, for less than cost of a new component.



Every cylinder is remanufactured and tested to meet or exceed original OEM specs for reliability and performance.

Our World Class Remanufacturing Process Includes:

- » Complete disassembly and inspection of all components
- » Verification of components using the most recent OEM specifications
- » Remanufacture component per approved specifications
- » Thorough cleaning of each component
- » Induction hardening for increased strength and wear resistance of hydraulic rods, rolls and pins
- » Submerged arc welding to build up damaged components or total welding to build up excessively worn surfaces as part of the remanufacturing process
- » Reassembly and testing components at normal working pressures to ensure OEM-caliber performance





**Assembled product that is
100% functional tested**



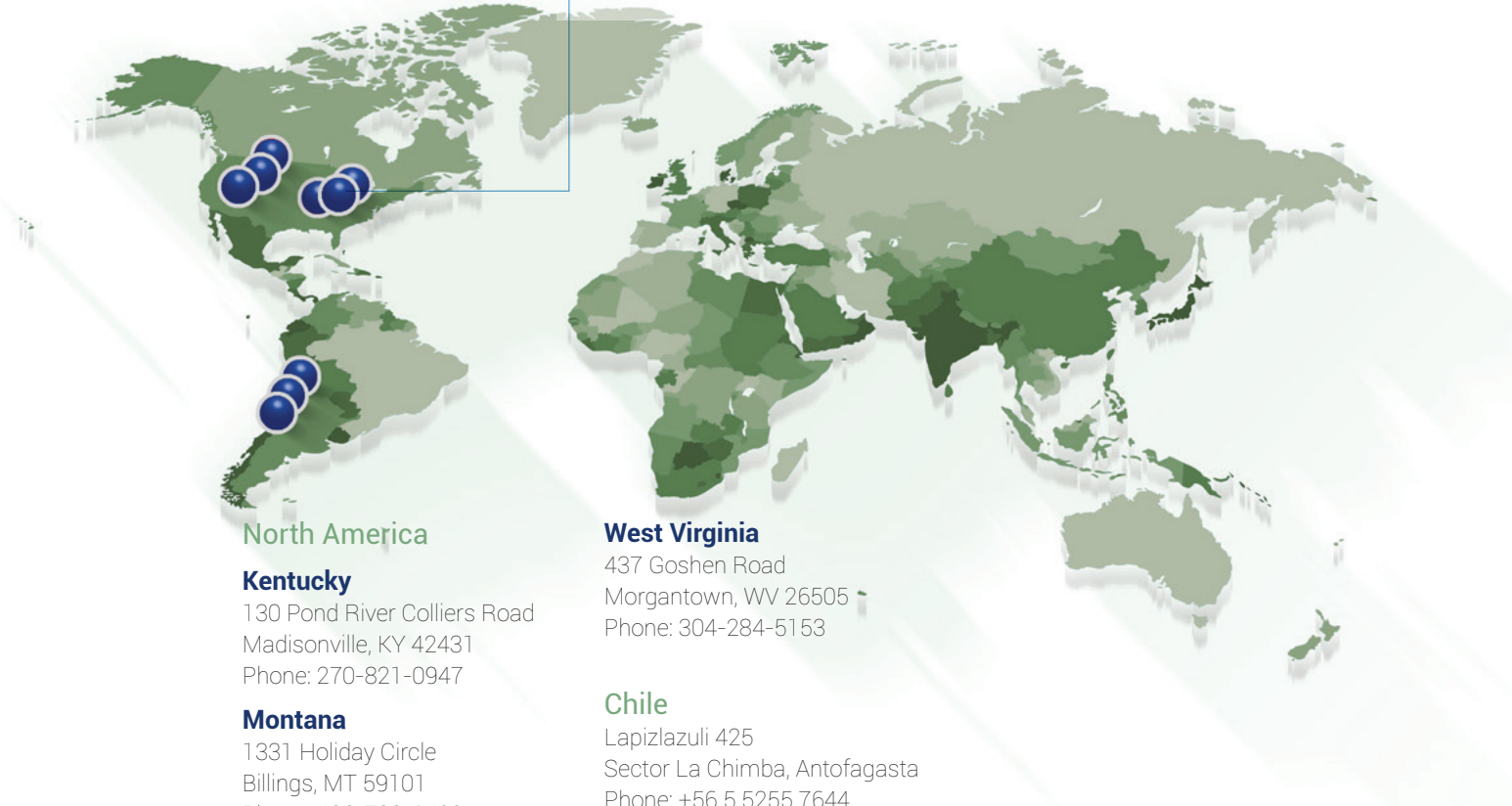
SWANSON[®]

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