



HVOF: Innovative Industrial Coating Solutions

Coastal Hydraulics is one of a select few industrial repair services providers located in the Southeast offering a superior alternative to traditional hard chrome plating – HVOF. Such state-of-the-art coatings apply to a wide variety of components that see heavy wear under challenging conditions. Examples include fluid power hydraulic and pneumatic cylinders, corner groups, strut rods, linkage pins, conveyor rollers, rotating shafts and other items up to 27 feet long, 4000 pounds and with a 40-inch swing.

HVOF coating technology has been adopted by well-known equipment manufacturers like Caterpillar and Boeing and is anticipated to quickly become a new standard.

Choose an innovative coating technology for your needs. Contact us

HVOF OFFERS MANY BENEFITS INCLUDING:

- Outperforms hard coatings by up to five times
- Improves performance, life and value of components
- Provides resistance against wear and chemicals
- Decreases machinery down time
- Less environmental impact than other coating solutions
- Reduces life-cycle coating costs



Coastal Hydraulics In-House Capabilities Include:

- Cylinders and Rotary Actuators
- Pumps, Motors, Valves and Power Units
- High Velocity Oxygen Fuel Coatings (HVOF)
- Hoses and Fittings
- Onsite Service and Repair 24/7
- Parts Replacement and Distribution
- Equipment Repair for All Types – Fixed, Mobile, Cranes, Emergency Vehicles and Others
- Cross-industry Experience – Marine, Steel-making, Paper Production, Manufacturing, Energy and Others
- IFPS Certified Technicians