



SHOP CAPABILITIES

ISO 9001:2015 CERTIFIED

Our 30,000 square foot facility includes five robotically-controlled spray booths, machining and grinding, as well as an in-house coating laboratory. HTS Coatings has everything to repair and enhance the life of your parts.

THERMAL SPRAY

- High Velocity Air Fuel (HVOF)
- High Velocity Oxy-Fuel (HVOF)
- Plasma
- Flame
(Wire and Powder Combustion)

- Arc
- Spray and Fuse

Six robotically controlled spray booths
30 feet long by 96" diameter, 10,000 lbs

Materials

- Chrome Carbide
- Tungsten Carbide
- Stainless Steel
- Bronze
- Aluminum Oxide
- Chrome Oxide
- Stellite®
- Colmonoy®
- Many more...

MACHINING & GRINDING

- Cylindrical Grinding
- Surface Grinding
- CNC Turning
- Manual Lathes
- CNC Milling

- Up to 27" diameter and 120" center-to-center
60" L x 12" W x 11" H
- Up to 22" diameter and 52" center-to-center
- Up to 36" diameter and 240" center-to-center
with 24" cross over slide
- 3 axis, 40" x 26" x 25", 4,000 lbs

WELDING

- Plasma Transfer Arc (PTA)
- Tungsten Inert Gas (TIG)
- Metal Inert Gas (MIG)
- Brazing

Materials

- Stellite® 6
- Colmonoy®
- Many more...

LAB & QUALITY TESTING

- Hardness Testing
(Micro & Macro)
- Metallurgical Evaluation
(Porosity & Structure)
- Tensile Testing
- Surface Roughness Evaluation
- FARO Arm

Overall Shop Weight Capacity is 10,000 lbs



HTS COATINGS
Enhancing Lives

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