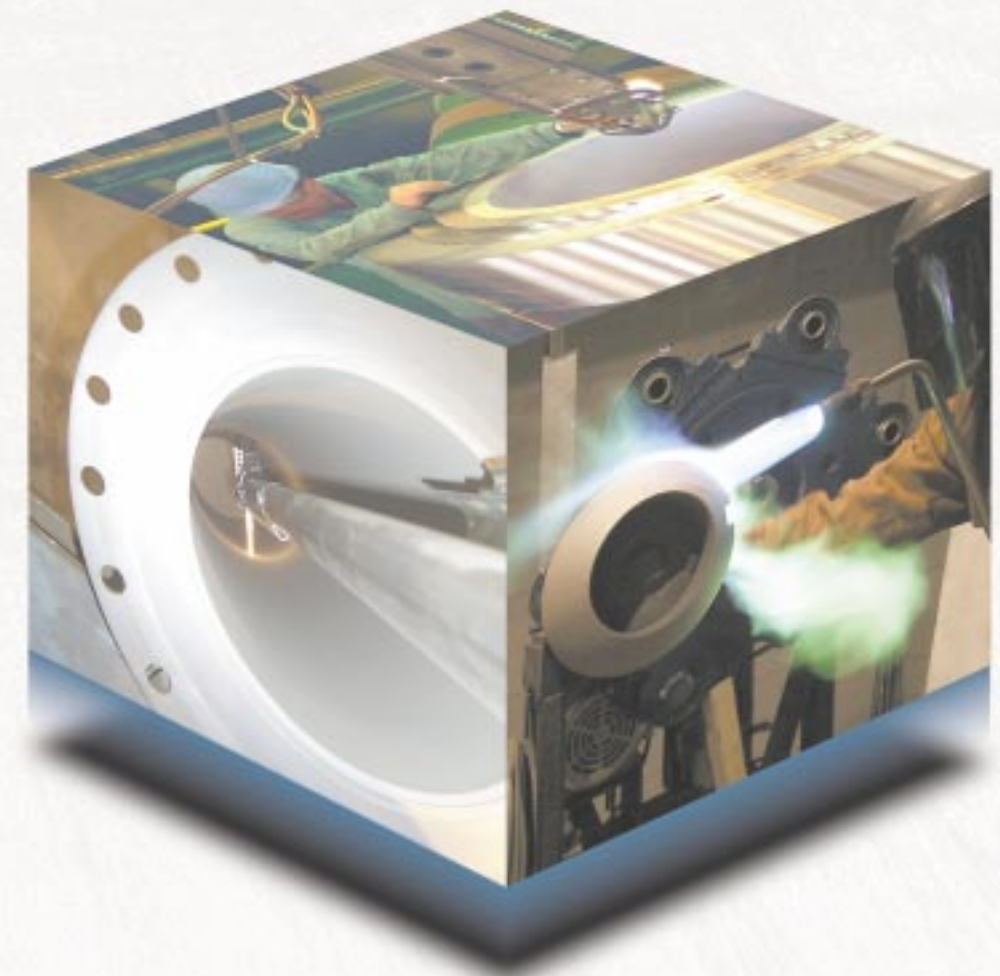


# **PURTECH** **INCORPORATED**



 **PURTECH**  
**INCORPORATED**  
**ADVANCING MATERIAL PROPERTIES**

TEL: (570) 424-1669

FAX: (570) 424-0397

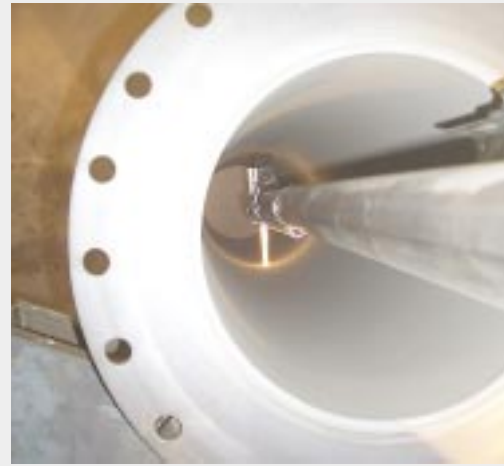
WEBSITE: [WWW.PURTECH.COM](http://WWW.PURTECH.COM)

12 PROGRESS STREET, EAST STROUDSBURG, PA 18301

Capabilities

## CAPABILITIES

Purtech Incorporated offers the complete spectrum of Metal, Polymer, Ceramic, and Carbide coatings. Through a customer driven philosophy, Purtech has developed a diversified operation to accommodate research projects or high volume production runs. We can swing parts 7 Ft. in diameter 30 Ft. in length and coat flats 5Ft x 12 Ft in one setup. Purtech's multi-axis manipulators can be employed on spherical, conical or other contoured surfaces to meet stringent requirements for coating uniformity. Our computer controlled multi-spindle machines are ideally suited for high volume runs.



## Processes

- ULTRA HIGH VELOCITY (UHV) • HIGH VELOCITY OXY-FUEL (HVOF)
- PLASMA SPRAY • FLAME SPRAY • METALLIZING • TWIN WIRE ARC

## In House Services

- ALL COATING PROCESSES • SPECIAL I.D. COATING EQUIPMENT
- TESTING & INSPECTIONS FACILITIES • PRODUCTION & PROTOTYPE PARTS
- MACHINING • DIAMOND GRINDING • SUPERFINISHING • REGIONAL PICKUP & DELIVERY

## In The Field

- 24 HOUR ON-SITE CAPABILITIES
- PORTABILITY OF ALL PROCESSES
- BLAST & DUST COLLECTION EQUIPMENT
- ROTATING & TRAVERSING EQUIPMENT

Purtech Field Services compliment our production facility with the addition of 24/7 on site thermal spray coating capabilities. With over (10) years experience in field services, our capabilities have matured to include portable blasting and dust collection equipment, rotating and traversing equipment, as well as, all of our coating processes. In effect, our field service team can bring our shop to you with all required safety equipment.



*"Whether for research and development or production services, Purtech has the resources to help our customers meet the future and design tomorrow."*

## Industries Served

- STEEL
- POWER
- PRINTING
- REFINERY
- MATERIAL HANDLING
- WASTE TREATMENT
- MILITARY/GOVERNMENT
- PULP & PAPER

## COATING SYSTEMS

Available for:

- WEAR PROTECTION
- CORROSION PROTECTION
- PART RESTORATION
- TRACTION OR RELEASE
- DIELECTRIC STRENGTH
- HIGH CONDUCTIVITY
- OXIDATION PROTECTION
- HEAT PROTECTION



Engineered coating solutions are available to provide protection from wear and corrosion; for part restoration, electrical isolation or conductivity; for lubricity or traction. Whether for research and development or production services, Purtech has the resources to help our customers meet the future and design tomorrow.

Quality, as always, is no accident. Purtech combines over (40) years of industry knowledge with the most advanced coating application systems. The use of computer automated handling equipment and carefully controlled spray materials guarantees not only high quality coatings, but repeatable high quality coatings.

## COATING SPECIALISTS

### CARBIDES

TUNGSTEN CARBIDE COBALT    CHROMIUM CARBIDE NICKEL CHROME  
TUNGSTEN CARBIDE NICKEL    TUNGSTEN CARBIDE COBALT CHROME

### METALS

NICKEL CHROME HARD COATING    COBALT CHROME HARD COATING  
MOLYBDENUM    TANTALUM    STAINLESS STEEL    SUPER ALLOYS  
ALUMINUM    BRONZE    COPPER    NICKEL    ZINC

### CERAMICS

ALUMINA    CHROMIA    TITANIUM DIOXIDE    ZIRCONIA  
ALUMINA TITANIA    CHROMIA TITANIA  
MAGNESIUM ZIRCONATE    CALCIUM ZIRCONATE

### POLYMERS

TEFLON    KYNAR    HALAR    XYLAN    EPOXY    NYLON    PHENOLIC