



# **PATRIOT**

## **METAL FINISHING SYSTEMS**

*Since 1995*



# Surface Preparation For Coatings

## Abrasive Blast Rooms

- Screw Conveyor And Bucket Elevator
- Multiple Recovery Floor Designs
- Rubberized Wall/Power Roll Up Doors
- Complete Blast Room Systems



## Automated & Custom Blast Equipment

- ID/OD Automated Pipe Blasting
- Inline Rotary Head Blasters
- Indexing Turntables And Rotary Basket
- Chain Mesh And Monorail Flow Through
- Plate And Structural Blast Systems



## Blasting Cabinets

- Dust Collectors
- Portable SandBlasters
- Abrasives



**PATRIOT**  
METAL FINISHING SYSTEMS

*Your Single Source Solution to System Integration*



# Chemical Pretreatment For Paint

## Green, High Performance Chemicals

- Cleaners - Acid, Alkaline And Neutral
- Conversion Coatings - Phosphates, Zirconium
- Final Seals, Rinses, Specialty Additives
- Derust And Lazer Descale Solutions
- Coolants, Stamping And Forming Lubricants



## Technical Service & Field Support

- System Audits, Process Design And Chemical Testing
- Start-Up, Descale Service, Operator Training
- Complete Lab Testing Service And Process Support

## Process Water Treatment Systems

- Chemical Control Equipment
- Titration Supplies And Lab Ware
- On Site Start-Up, Training And Service
- Environmental Solutions





## Environmentally Compliant Coatings

- Waterborne Technology Custom Formulated To Spec
- Fast Dry, Exceptional Durability, Low VOC, Low HAPS
- Available In Gallons, Pails, Drums And Totes In Stock
- Touch Up Paint, Aerosol, Quarts, And Brush Bottles



## High Performance Industrial Coatings

- Primers, Direct To Metal Coatings And Topcoats
- High Solids, 2K Urethanes, Epoxy, Zinc Rich
- Available In Multiple Chemistries And Colors
- Outstanding Durability, Corrosion Protection And UV



## Technical Service, Laboratory Testing

- Salt Spray, QUV, Humidity, Adhesion, Impact, Hardness
- Detailed Lab Reports, Test Panels And Paint Samples
- Technical Field Service, Start-Ups, Trouble Shooting
- Training, Stocking Program, Batch Certification, ISO





# Liquid Coating Application Equipment

## High Quality, Manual & Automatic Guns

- Electrostatic, High And Low Pressure, Ergonomic Design
- Durable Airless, Air Assisted Airless, And HVLP Guns
- AirSpray Guns, Cup Guns, Pressure Pots, Cleaning Kits



## Reliable High & Low Pressure Piston Pumps

- Robust High Pressure Diaphragm Pumps Without Packings
- Versatile And Efficient Double Diaphragm Low Pressure Pumps
- Stainless Drum Covers, Air Agitator Mixer And Elevators



## Plural Component 2K Mixing Equipment

- Innovative Systems For Single Or Multiple Color Options
- User Friendly Controls, Mixing Accuracy And Reliability
- Automatic Gun Flushing, Consumption Data Monitoring
- Customer Application Lab, Installation, Start-Up, Training







# **PATRIOT**

## **POWDER COATINGS**

### **Powder Manufactured To Your Specification**

- Appliance, Architectural, Automotive, Custom Coaters
- Electrical Enclosures, General Industry, High Temperature
- Lawn And Garden, Lighting Fixtures, MDF Shelving/Furniture
- Parks And Recreation, Outdoor Furniture, Aluminum Extrusions

### **Multiple Chemistries, Custom Formulated**

- Epoxy, TGIC, Super Durable, Epoxy Polyester Hybrids
- Primers, Urethane, Architectural And Functional Coatings
- Smooth, Textured, Hammertone, Bonded Metallics
- Matte Finish, Clears, Slip Resistant, Graffiti Resistant
- Low Cure, Anti-Microbial, UL, NSF, SEFA 8 Compliant



### **We'll Deliver A Box or a Truckload**

### **Always Exceeding Quality Expectations**

- Single Box, Custom Match And Make, 5-7 Day Lead Times
- Stocking Programs, Boxes, Drums, Gaylords, Super Sacs
- Experienced Chemists, Development Labs, QC Department
- In Plant Service, Start-Up, Oven Profiling, Technical Support





# Powder Coating Application Equipment

## WAGNER Manual Powder Systems

- Portable Box Feed And Hopper Units
- Latest Technology Easy To Use Controls
- High Performance Light Weight Manual Gun
- Manual Powder Booths, Spare Parts, Service



## WAGNER Automatic Powder Systems

- Quick Color Change PVC Booths
- Powder Centers, PLC Touch Screen, Ultrasonic Sieve
- Automatic Guns, Auto Mil Check, Light Curtain
- Vertical, Horizontal, Z-Axis, Application Movement



## WAGNER Innovation Center & Customer Lab

- Discover State Of The Art Technology
- Lab Trials With Your Parts To Define Process
- Installation, Start-up, Training, Technical Support
- Spare Parts, Stocking Program, Routine Service







## Batch Finishing Systems

### Batch Systems With Conveyor Or Cart

- Steam Cleaners, Pressure Washers, Recycling Systems
- Wash Booths, Custom Enclosures, Manual Pretreatment
- High Performance Air Compressors, Air Dryers And Filters



### Industrial Spray Booths, Truck Booths

- Open Front, Pressurized, Air Make-Up Units
- Heat/Cure Cycle, LED Lighting, Powder Coated
- Paint Mixing Rooms, Duct Work, Filters
- Manual Batch Powder Booths With Down Draft

### Industrial Batch Ovens, Drying & Curing

- Single And Double Entry Design With Conveyor Option
- Floor Or Roof Mounted Heater Box, Economical Burner
- Manual Or Smart Touch Screen PLC Controls
- Burn Off Ovens With High-End Process Controls







# Automatic Finishing Systems

## Multiple Stage Stainless Spray Washers

- Open And Closed Top Design For Conveyor, Belt Washers
- Inside LED Lighting, Fiber Grate Walkways, Easy Service
- High Quality Pumps, Tank Recirculation, Sidewall Exhaust



## Automatic Powder & Liquid Paint Booths

- Gun Movers, Light Bar Part Detection, Application Robots
- Touch Screen PLC Controls, Quick Color Change Systems
- Temperature/Humidity Controlled Environmental Rooms
- Paint Kitchens, Powder Storage, Fire Suppression

## Convection & IR Ovens, Dry-Off, Cure

- Long, Medium And Short Wave IR Boost Options
- Finished Exterior Oven Panels With 6 Inch Insulation
- Balanced With Top, Bottom, Or Side Mounted Duct
- Rapid Cool Down, Easy Access Doors To Interior





## Specialty & Custom Equipment

### Solvent Recycling & Custom Washers

- Reduce Hazardous Wasted Disposal Cost Up To 90%
- Evaporators, Eliminating Water Based Process Chemicals
- Custom Washers, Cabinet, Ultrasonic, Tank Systems
- Safety Storage Cabinets, Paint And Solvent Storage Rooms



### Retractable Paint Or Sanding Booths

- Use Existing Cranes, Maximize Limited Floor Space
- Dry Waterborne Paint, Recirculating, Dehumidification
- Paint Capture And Air Filtration, Non Vented, No Exhaust
- Create Code Compliant Energy Efficient Work Stations



### Fluidized Thermal Paint Stripping

- Cleaning Cycle 20-60 Minutes, Process In Baskets
- Quartz Sand Or Aluminum Oxide Fluidizing Media
- Rugged Stainless Bed, External After Burner, Cyclone
- Overhead Hoist System, Tilt Hoist, Wireless Controls
- Cleaning Wash Booth, High Pressure Spray Wand





## Outstanding Customer Service Staff

- Same Day Order Processing And Shipments
- Distribution And Customer Stocking Programs
- Industry Trade Shows And Supplier Networking
- Charity Fund Raisers And Customer Golf Outings



## Turn-Key Installation & Start-Up

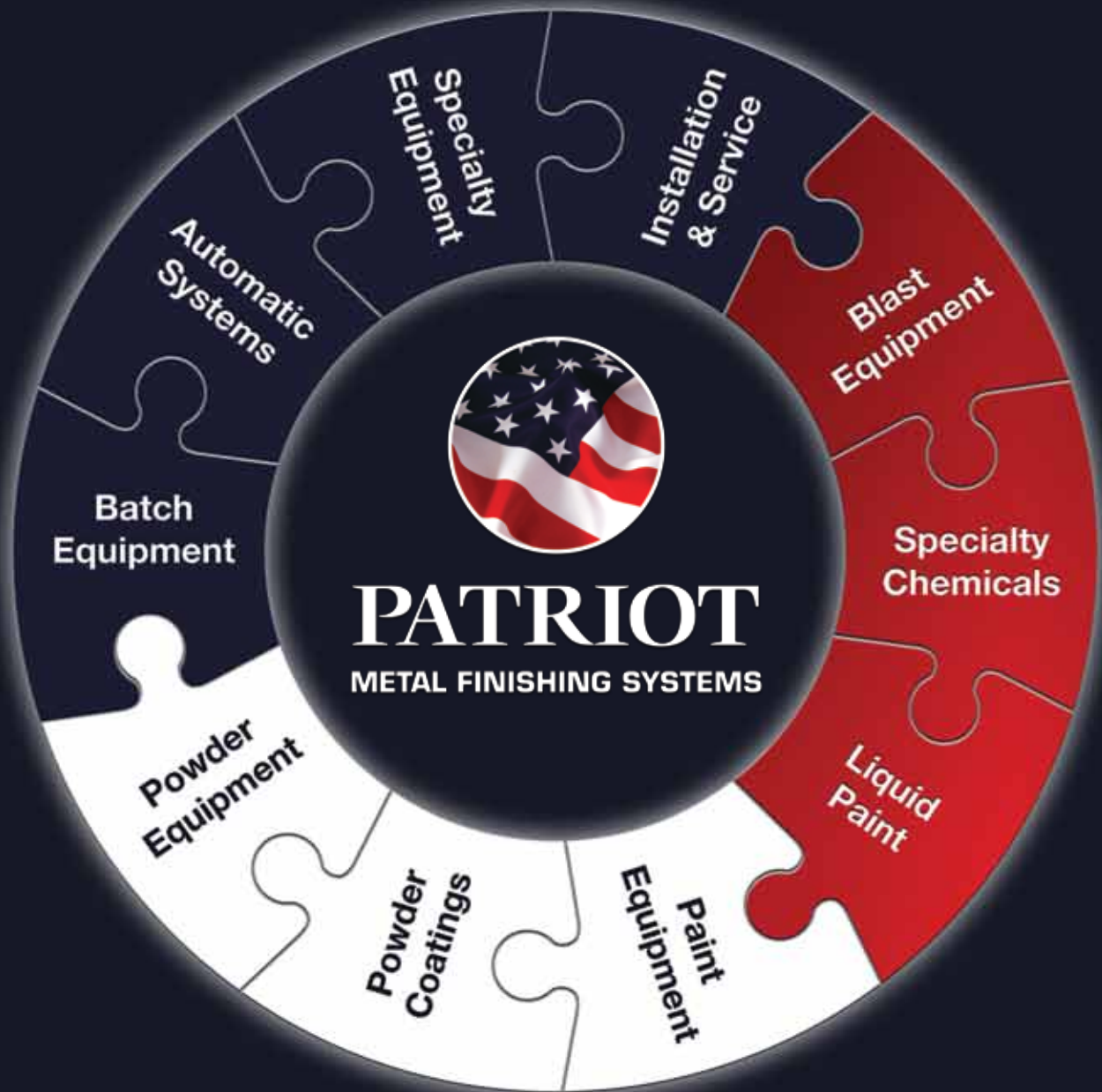
- Detailed Engineering And System Design
- Mechanical And Electrical System Installation
- Washer, Oven And Paint Booth Adjustments
- Start-Up And Training On Equipment And Process



## Service Visits & Technical Training

- Annual System Reviews And Recommendations
- Washer Descale And Chemical Recharge Service
- Free Lab Ware And Chemical Titration Supplies
- Product Performance Testing And Analytical Lab





***Your Single Source Solution to System Integration***

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