



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





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

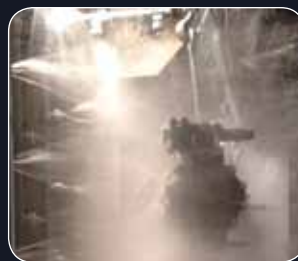


Technical Service & Field Support

- 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

MS Top Coater Elite, Portable Box Feeders

- Lightest Gun In Its Class, Exceptional Transfer Efficiency
- Automatic Cleaning System For 30 Second Color Change
- Touch Screen With Intuitive Controls And Display
- Pre-Set Coating Options And Storage, Vibrating Table



MS Automatic Powder Coating Systems

- Swiss Engineered, Fast Color Change Powder Booths
- Powder Kitchen, PLC Touch Screen, Ultrasonic Sieve
- Automatic Guns, Light Curtain, Cyclone, After Filter
- Reciprocators With Automatic Positioning, Manlifts

Open Booth Design For Convenience

- Spray to Waste Touch Up Area With Manual Guns
- Customer Service Lab For Testing Prior To Purchase
- Installation, Start-Up, Training, Digital Owners Manual
- 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





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

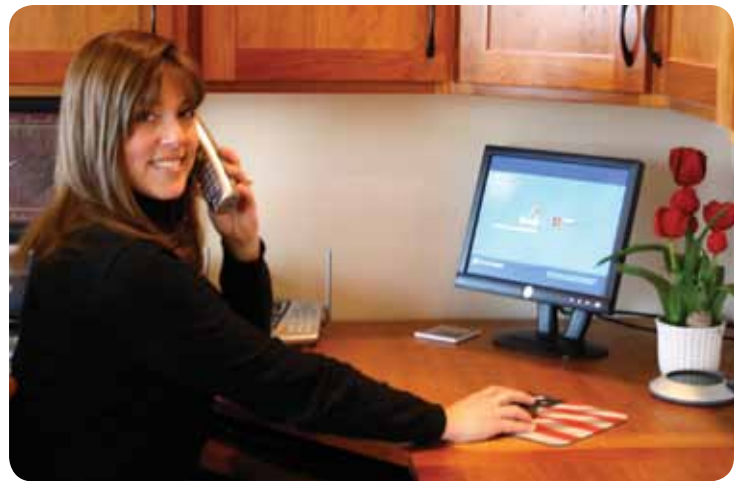
Fluidized Thermal Paint Stripping

- 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



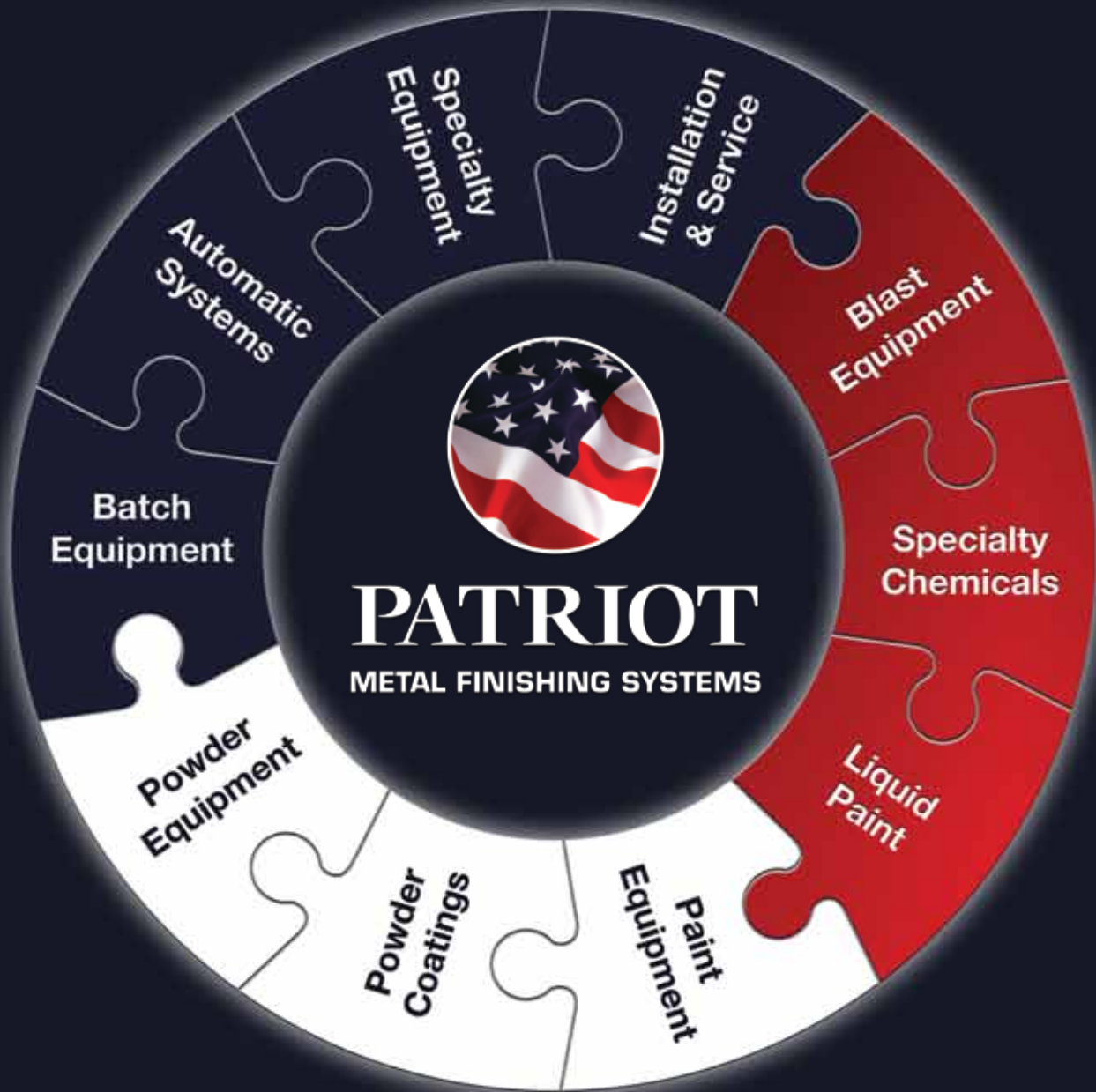
Turn-Key Installation & Start-Up

- 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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