



WIRE PROCESSING | PLATING | LOCKING & SEALING | HEAT TREAT | DISTRIBUTION

THE AJAX ADVANTAGE

Your One Stop Source for Dependable On-Time Performance



Boasting well over 250,000 total square feet throughout key manufacturing regions in the Midwest, AJAX METAL PROCESSING continues to provide best in class metal finishing services to our global customer base. The capability to provide raw material preparation, heat treat, plating, and locking and sealing services equates to unrivaled efficiency. Comprehensive quality control protocols focus on consistent output with the realized goal of producing and delivering only the highest quality finished components. Complimented by our precise Packing & Distribution network, THE AJAX ADVANTAGE is nothing less than the simplification of all of your metal processing requirements.

- On-Site accredited AJAX Laboratory Services
- One of the largest single-source metal processing interests in the United States of America
- Geared to meet your exact specifications and “just-in-time” delivery schedules
- Central locations to all major Midwest industrial centers
- Chrysler LLC Approved Source
- General Motors Approved Source



WIRE PROCESSING AND HEAT TREAT



AJAX WIRE PROCESSING

The AJAX Wire Division offers both continuous and batch-style rod annealing at a capacity of up to 230 tons per day. Our highly specialized processes ensure a steady stream of prepared materials for manufacture to our customers. Consistent process control ensures product quality. Final surface preparation of annealed stock includes acid cleaning and the application of lime coating for optimum protection.

- Continuous Furnaces
- Spheroidize Annealing
- Box Furnaces
- Stress Relieve Annealing
- L.P. Annealing
- Acid Clean & Lime Coat
- Coil Rod Diameters $\frac{1}{4}$ – $1 \frac{1}{4}$
- Rapid Turnaround Capability
- Multiple Furnaces for Maximum Flexibility
- Ample On-Site Storage Capability
- Computerized and Controlled Annealing Recipes

AJAX HEAT TREAT DIVISION

With three Heat Treat facilities located throughout the Midwest, the AJAX Heat Treat Division has the capacity to treat over 20,000,000 pounds per month. Recent innovations include the latest technology atmosphere controlled mesh-belt furnaces with superior material handling techniques. On-site A2LA certified laboratory testing, process monitoring, and historic data monitoring systems are all integrated to capture critical operating parameters, providing the highest level of quality possible for our customers.

- Atmospheric-Controlled Austenitizing & Tempering
- Gas Carburizing & Tempering
- Carbon Restoration
- Multiple Furnaces for Maximum Flexibility and Throughput
- A2LA Accredited Laboratory for Quality Assurance
- Real Time Data Collection and Recording of all Process History



PLATING AND LOCK & SEAL



AJAX PLATING DIVISION

The AJAX Plating Division offers the most advanced systems found in industry today. Fully automated barrel plating lines have the capability to handle a wide variety of part configurations and plating types. Four batch ovens are available for immediate embrittlement relief after electroplating. Our latest addition is a state-of-the-art continuous processing line (pictured above) combining zinc-plating, bake, and chromate conversion requirements in one work center. Most services ship within 24-48 hours.

- Zinc • Zinc Cobalt • Zinc Iron
- Zinc Nickel • Tin Zinc
- Combined Zinc Plating, Bake & Chromate Work Center
- Trivalent Chromate Conversions
- Color Dyes • Phosphate Coatings
- 4 Embrittlement Relief Baking Ovens
- Experts in Alloy Plating Processes
- Immediate Embrittlement Relief following Zinc Plating
- A2LA Accredited Corrosion Testing
- Torque Testing Capabilities On-Site
- Member of the National Association for Surface Finishing

AJAX LOCKING & SEALING

The AJAX Locking & Sealing Division utilizes high-speed application techniques for thread adhesives, sealants, and nylon thread patching demands. A fully authorized applicator of **3M™** and **LOCTITE®** products, we also routinely apply a host of generic treatments for our customers' specific automotive and various industrial engineered fastener requirements. These applications are typically used on products that are subjected to operating environments where vibration is an issue.

- Nylon Thread Patch
- **3M™** Fastener Adhesives
- OEM Approved Thread Sealants
- **LOCTITE®** Dri-Loc® Adhesive
- **LOCTITE®** Vibra-Seal® Sealant
- High Speed Application Equipment for Rapid Turnaround Needs
- Full Service Laboratory for Performance Verification



QUALITY AND DISTRIBUTION



QUALITY CONTROL

All AJAX facilities are supported by the A2LA accredited AJAX Laboratory Services. Internationally recognized suppliers of metal finishing applications have fully licensed and authorized AJAX to apply their products due in part to our thorough quality control procedures. Historic data and process monitoring systems are integrated across all services to capture critical operating parameters. Our stable processes, time-proven metal finishing protocols, and precise distribution structures equate to continuous adaptation and improvement.

ISO 9001



- ISO 9001 Registered Quality System
- A2LA Accredited Testing Laboratories
- Ford Motor Company's Heat Treatment "Preferred Supplier Award"

QUALITY PACK & DISTRIBUTION

Distribution of your finished products is an essential part of our quality assurance structure. The warehouse and distribution operation at AJAX is geared to fulfill our customers' Just-In-Time delivery schedules. Our distribution network enables shipping from stock to minimize your inventory. Internally, AJAX's quick turn-around and rapid tooling changeover keep in-house inventories at their most efficient levels.

- Automated Laser Package Tracking
- Integrated Sorting & Packaging Systems
- Automated Packaging Equipment
- Mectron™
- Vision
- PACE™





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