

FAST FACTS

JAC FRANKLIN ALUMINUM

Delivering Quality, Performance, and Value.

Production Capabilities

On a given job, Franklin Aluminum's vertically intergrated production capabilities can reduce the number of suppliers, for greater quality assurance, with important savings in time and cost. We design and develop our production processes utilizing lean manufacturing concepts.

- Billet casting
- Extrusion die making, heat treating, and repairing
- Extruding 6000 series alloys to 8.5" circle size
- Extrusion heat treating
- Fabrication
 - Sawing
 - Punching
 - Milling
 - Bending
 - Drilling
 - CNC machining
- Mechanical finishing
 - Deburring
 - Sanding
 - Buffing
 - Brushing
- Assembly and packaging
- Program management / launch management
- On-site tool / fixture build

Technology

In support of our manufacturing processes, Franklin Aluminum technology builds-in efficiency, productivity and repeatability.

- CAD/CAM
- Wire EDM
- CNC Orbitor
- Electrode production
- Spectrographic analysis
- Calibration / testing
- Electronic data interchange
- Extrusion presses
 - (2) 1650 ton
 - (1) 2000 ton
 - (1) 2250 ton
- CNC machining / fabricating
- CNC bending
- Automated processing / robotics

Testing

Franklin Aluminum testing helps assure conformance to specifications and compatibility of materials and processes.

- Metallurgical**
 - Spectrographic analysis
 - Webster & Rockwell Hardness
 - Tensile, yield and elongation
- Finishing**
 - Anodic coating thickness
 - Paint adhesion
 - Paint thickness
 - Color spectrophotometer
 - Gloss analysis

Quality Program

At Franklin, quality is of the utmost importance. Our quality procedures reflect that priority. We are ISO 9001 and QS 9000 certified.

- Ongoing SPC program
- Emphasis on defect prevention through optimization projects
- Materials and finish testing capabilities
- FMEA and control plan development
- Lot traceability
- CMM capabilities
- Continuous improvement program
- Utilize "Advanced Product Quality Planning" techniques
- Short and long term capability analysis
- Team oriented problem solving

Customers' Quality Ratings

Franklin Aluminum has earned high quality ratings from among the world's most demanding manufacturers. ISO 9001 and QS 9000 certification validates the integrity of our quality systems. As our customers' performance expectations change and become more demanding, we strive to continuously improve and exceed their requirements.

Items Measured

- PPM
- On-time Delivery
- Problem Resolution
- Cost Reduction Ideas

Customers

- Toyota
- Honda
- NUMMI
- Nissan
- GE
- Whirlpool
- GM

Franklin Strategic Advantages

At Franklin Aluminum, we structured and equipped ourselves to be flexible and vertically integrated, ensuring uninterrupted, timely and complete filling of customer orders.

- Back-up utilities system
- Ability to cast own raw material or purchase from primaries
- Plant truck fleet
- Non-union plant
- Dedicated launch teams
- E.D.I. communication link through main frame or P.C.
- Just-in-time delivery experience
- Early design input capabilities
- ISO14001 certified

Major Markets Served

Franklin Aluminum currently serves the following markets.

- Transportation
- Building and construction
- Distribution
- Machinery and equipment
- Electrical
- Consumer durable

For your next aluminum extrusion or assembly project, call Franklin Aluminum ... for quality, performance and value.

JAC FRANKLIN ALUMINUM

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Franklin Aluminum Company is a wholly owned subsidiary of:

