



**SHELBY ROLLFORM** Where Better Jobs Take Shape

# FAST FACTS

## Production Capabilities

Shelby Rollform offers manufacturers time- and cost-saving metal fabrication, light assembly and e-coat/powder finishes, while delivering on quality. The result: a more competitive end product for you and your customers. With our depth and range of in-house production capabilities, Shelby assures reliable rollform and stamped parts supply, while helping optimize your supplier base.

- 46,000 square foot plant with a 75,000 square foot adjacent paint facility
- 11 rollform mills forming flat stock up to .060" thick and/or 11" wide, milling from 4 to 34 passes
- 17 punch-presses ranging from 15 ton – 150 ton
- Three presses capable of handling dual dies
- Progressive stamping
- Single part stamping
- Spot welding
- Automatic tapping
- Assembly and packaging
- Cold cut-off saws
- Deburring and sanding
- 5,000 square feet available for assembly
- Program management / launch management
- Tooling / fixture sources are local
- Full machine shop for die and machine maintenance and repair
- Affiliated powder-coating facility in the same building provides Just-In-Time parts painting.
- Materials currently running: Galvanized steel, cold rolled steel, stainless steel, aluminum

## Technology

At Shelby Rollform, we support our manufacturing operations with technology that assures efficiency-building precision and repeatability.

- Calibration / testing
- Calibrated digital check fixtures
- Electronic data interchange
- PLC based Error Proofing/Poke Yoke for assembly and manufacturing
- Automated production machines
- Full design, engineering and testing (functional and destructive) support is located at JAC's Madison Heights Technical Center
- Validation test capabilities at JAC Saline and Madison Heights

## Testing

Materials, coatings and structural testing at Shelby Rollform assure that our parts meet your specifications.

- Paint thickness measurements
- Steel thickness, properties testing, hardness testing
- Metal coating
- QS 9000 certified dimensional and material test lab facilities are located in JAC's Saline facility.

## Quality Program

Quality is Shelby Rollform's first priority. Our in-place quality procedures help us deliver on that commitment.

- Integrated Statistical Process Controls
- Continuous Improvement initiatives
- Design FMEA, Process PFMEA and Control Plan driven
- Advance Product Quality Planning (APQP) techniques in design stages to improve launch performance
- Production Part Approval Process (PPAP)
- Lot traceability
- Short- and long-term capability analysis
- Measurement system analysis (gage R & R) capabilities
- On-line JAC Products 8D problem solving tracking and resolution – shared with all JAC locations
- Quality training for all employees – QS9000, SPC, etc.

## Customers' Quality Ratings

Our quality certifications and customer reputation speak for themselves. And, we are continuously improving.

- QS9000 certified
- ISO14001 certification process started. Anticipate certification by the end of 2003
- TS16949 certification due 9/03
- Key external customers include; Honda of Canada, Johnson Controls, Inc, Injex, Mitchell Plastics
- We supply components and assemblies used at all major domestic and Asian automotive manufacturers

## Shelby Strategic Advantages

Shelby Rollform is organized for, and dedicated to, on-time, high-volume supply of quality rollformed and stamped products.

- Share facility with Electro-Coat/Powder Coater that is dedicated to JAC Products
- Lean manufacturing based operation
- JAC Operating System (JOS/QOS) metrics drive continuous improvement activities in all areas including customer satisfaction, quality, production, safety, cost and inventory
- Manufacturing Interruption Contingency Plan in place
- Primary and secondary minority material suppliers
- EDI communication link through main frame or PC
- Dedicated launch teams
- All tool maintenance and most repairs performed in-house
- New tool sources within a 20 minute drive
- Fixture and poke yoke capabilities

## Markets Served

Shelby Rollform currently serves these major markets.

- Transportation
- Automotive
- Building and construction
- Consumer
- Electrical

For your next rollform or stamping project, call Shelby Rollform ... for quality, performance and value.



**SHELBY ROLLFORM**

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