

Ogihara Company Overview

The Perfect Impression: Taking your project from concept to production.



OGIHARA AMERICA CORPORATION has been a leader in the sheet metal stamping industry for the last twenty years. From our facility in Howell, Michigan we provide our customers with world-class engineering, stamping and assembly capabilities as well as tool and die design, construction, modification and refurbishment. Our affiliation with the Ogihara group of companies further extends our capabilities around the world. Ogihara Corporation is a multinational corporation with facilities in Asia, Europe and North America. The global presence of the Ogihara group allows all of our customers to successfully launch multiple country programs.

Ogihara America is proud of our commitment to innovation and quality. Remote laser welding, 3-D white light measurement and high strength steel capabilities are only a sample of the technologies that differentiates us from other stamping and assembly manufacturers. We are also proud of our commitment to our customers. Using simultaneous engineering, total program management and just-in-time delivery methods we provide our customers with outstanding product quality in an efficient, cost-effective manufacturing environment.

STAMPING—



World Class Presses

- 5 major press lines
- Transfer presses are unmatched for speed cycle time of 20 parts/min

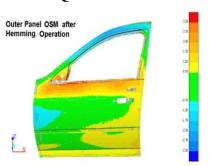
ASSEMBLY -



Remote YAG Laser Welding

 Uses 94% less electricity to produce a weld and is about 10 times faster than traditional spot welding

QUALITY—



White Light Inspection

- Quickly allows inspection of 100% of surface features
- · Real time identification of out of tolerance areas

CERTIFICATIONS

ISO 14001 ISO/TS 16949 **OHSAS 18001**

AWARDS

Ford Q1 DaimlerChrysler Gold Award Total Productive Maintenance Excellence

OGIHARA AMERICA CORPORATION

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WHY CHOOSE OGIHARA?

- We deliver world-class technology and manufacturing processes to every customer we serve.
- We partner with you to reduce cost, enhance quality and save time.
- Our experienced tool and die engineering team assures you best-in-class quality.
- We provide a single point of contact during your project launch. You'll always know who to call.
- We are right-sized and right-staffed to respond quickly to changing needs.
- Need to re-source a current project? We can get you back into production guickly and costeffectively.
- Our continuous improvement techniques provide innovative solutions that often result in ongoing cost savings.
- We use simulations and manufacturing process optimization to identify opportunities for lean production improvements.

ENGINEERING

Providing a complete facility for TOTAL **Program Management**



Providing FULL SERVICE tool manufacturing and maintenance capabilities

STAMPING

Providing high QUALITY Class A panels and related subassembly

ASSEMBLY

Providing MODULAR PRODUCTION with Just-In-Time delivery



Employees: 260

Labor Relations: Non-union

Building Area: 796,000 ft²

 $(74,000 \text{ m}^2)$

Site Area: 150 acres

 $(600,000 \text{ m}^2)$

JIT Delivery: Full Truck & Rail

Service

Tandem Press Lines (6 Stations)

- Komatsu 1600 Ton
- Hitachi Zosen 2300 Ton
- Hitachi Clearing 2300 Ton

Transfer Presses

- Komatsu 2700 Ton (6 Dies)
- Hitachi Zosen 1500 Ton (5 Dies) (High strength steel capable)

Assembly

• Unique lines dedicated to each product

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