



INNOVATION IN
STAINLESS STEEL
FABRICATION

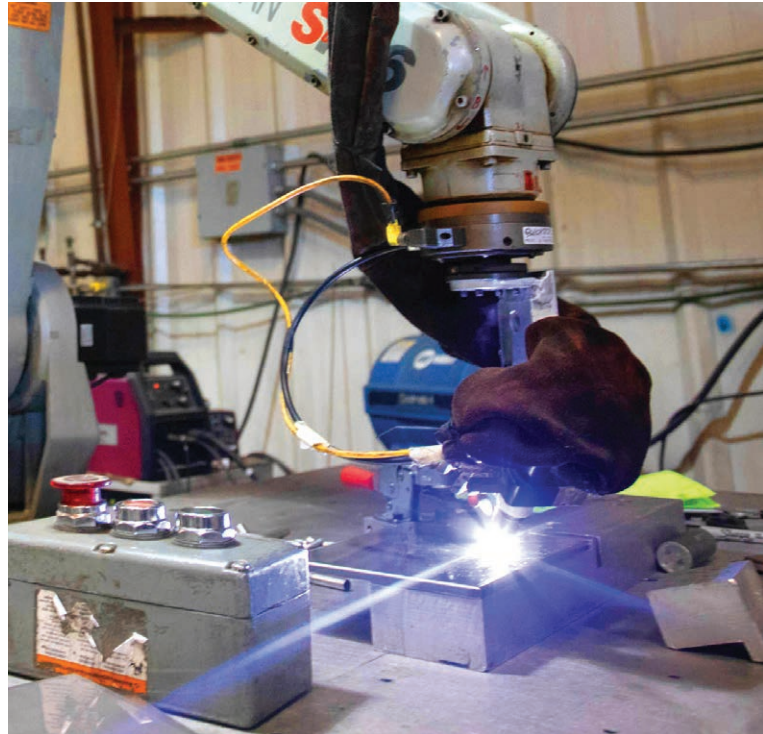
SERVICES
CATALOG

www.hfimfg.com

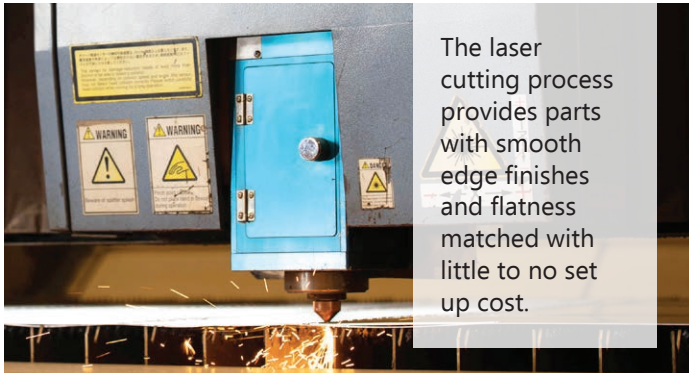
WELDING ALUMINUM, STEEL, AND STAINLESS STEEL

Our robust welding department has fifty years of spot welding, stud welding, mig welding, tig welding and robotic welding experience.

We are capable of welding aluminum, steel, and stainless steel to meet your prints specifications. Our robotic welders allow us to run high volume production with consistent quality and the utmost efficiency. To enhance our welding department, we perform pressure testing on site.



LASER CUTTING & TURRET PUNCHING



Laser cutting offers a cost-effective method to manufacture parts with complex geometries, in both ferrous and non-ferrous materials. The laser cutting process provides parts with smooth edge finishes and flatness matched with little to no set up cost.

With today's laser speeds and flexibility, the method has become equally unique for both short and high-volume production.

Our Amada turrets and Mitsubishi laser allow HFI to make tight tolerance parts. We have the capability of laser / turret combination providing the opportunity to laser cut blanks and add special forms, such as louvers, shear forms, and other features in our turret department. Our automated load and unload systems allow us the possibility of off shift production, which leads to more capacity and schedule flexibility.

CNC punching offers a more cost-effective means of manufacturing parts on many materials. Amada Turrets are equipped with scratch free brush tables. Not only do our turrets offer cost effective blanks, they also perform a vast array of machining and forming operations during the blanking process.

Our experienced staff offers value engineering and continuous process improvement to reduce cost and manufacture better quality parts for our customers.

AMADA AND CINCINNATI PRESS BRAKES

We have a fully equipped forming department with a combination of Amada and Cincinnati press brakes allowing us to form parts up to 10' long. We have a large array of standard and special press brake tooling. HFI has experienced press brake operators with the knowledge to form even your most complicated parts. Forming can be one of the most challenging process, one which we have addressed through skilled operators and state of the art equipment with programmable back gauges, tooling and precision CNC controllers.

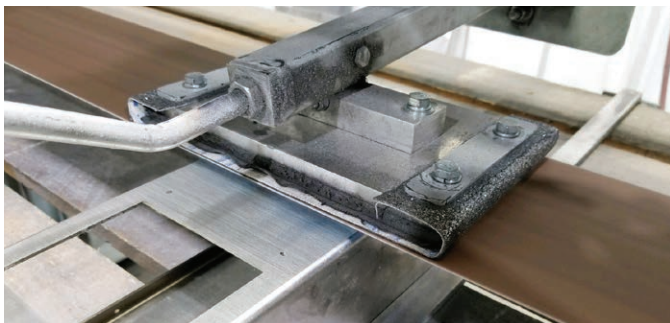




HIGH QUALITY STAINLESS STEEL GRINDING

We can fulfill all your grinding needs whether it be simple paint preparation on your painted parts or fully polished food service finishes.

Our grinding personnel are fully equipped with a wide range of hand tools, to compliment time savers, tumblers, edge deburrs, and stroke sanders. Our experienced staff can provide superior cosmetic surfaces.



HIGH QUALITY METAL FINISHING

Paint, Anodizing, Plating, Passivation, Silk Screening, and Laser Etching Services

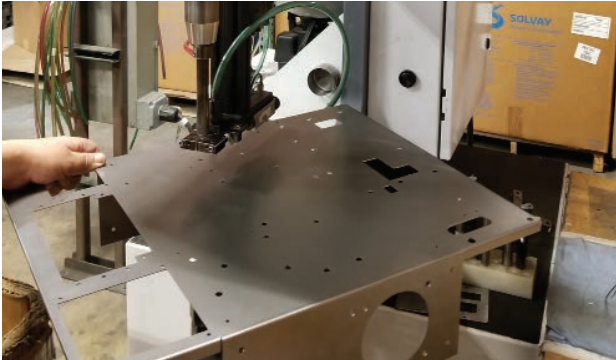
We have partnered with many of the top vendors in the Chicago land area that allow HFI to offer the best quality paint, anodizing, plating, passivation, silk screening, and laser etching available. Let us supply your product complete and finished.

COSMETIC SURFACE FINISHES

We can fulfill all your polishing needs whether it be simple paint preparation on your painted parts or fully polished food service finishes.

Our polishing personnel are fully equipped with a wide range of hand tools, to compliment time savers, tumblers, edge deburrs, and stroke sanders. Our experienced staff can provide superior cosmetic surfaces and polishing stainless steel weldments to food grade quality. We can provide many cosmetic surface finishes such as tumbled and time saved finishes.

Let our fifty years of welding and polishing provide your company with not only dimensionally sound parts, but a product you will be proud to present in your product line.



ASSEMBLING STANDARD HARDWARE

Full assembly service available. With various equipment on our floor we can install all the standard PEM hardware such as: nuts, studs, and standoffs with our auto-feed tooling and touch screen capabilities. We can install other specialty PEM fasteners with ease. Within our assembly area we have ample room equipped with both air and power tools, allowing us to rivet and use other fasteners quickly and efficiently. Let HFI be your manufacturing partner and provide assemblies and sub-assemblies allowing you to increase your production by utilizing our staff and assembly services.

ENGINEERING THE HIGHEST QUALITY PARTS



Our quality system allows us to meet exact specifications while offering complete traceability of the parts process throughout our facility.

Our engineering staff prides themselves with being partners in your design decisions by continuously partnering in manufacturability, value engineering, and continuous process improvements to not only make superior products, but also develop cost conscious pricing.

From prototype through production

We have prioritized and dedicated our quality department to ensure we make the highest quality parts.

Our quality system along with the bar-coded shop management system, MIETrak provides our customers with parts that meet their exact specifications and allows for complete traceability of the parts process throughout our facility.

HFI will offer you a customer service experience that goes above and beyond your expectations. Our experienced staff pays meticulous attention to every detail of your project, always offering the best solutions to your manufacturing needs.

Our cad/cam abilities allow us to download your dxf, dwg, or Solidworks files.

- Cam software
- Solidworks 2018
- Fabriwin
- Metamation

FREE DELIVERY TO ALL CHICAGO CUSTOMERS

Our building is conveniently located to allow access to all major highways in the Chicago land area, we offer free delivery to all our Chicago land customers. Our fleet of trucks and vans guarantees timely deliveries to your dock. With sound logistics management we also partner with many transportation companies to ensure your product arrives safely and in a timely manner.

Our customer service and logistics team will ensure damage free product, including special skidding, boxing, carting and racking when needed. HFI is dedicated to help our customers reduce lead time and cost by providing kitting, Kanban, and managed inventory systems as well.



PRODUCTS

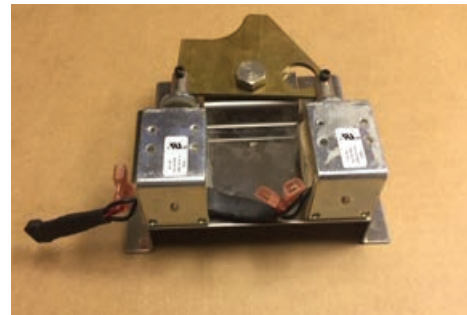
HFI manufactures products for a wide range of industries, including:

- Food
- Drink
- Water Purification
- Air Filtration
- Temperature Control Solutions
- Telecommunications
- Energy
- Medical
- Electronics
- Lighting
- Display
- Cabinets
- Gaming
- And others...

CABINETS



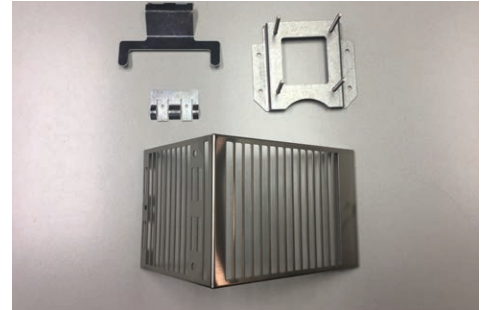
ASSEMBLY



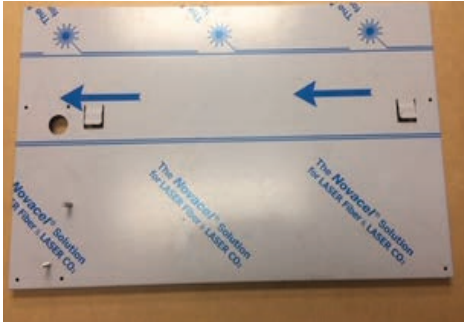
CHASSIS



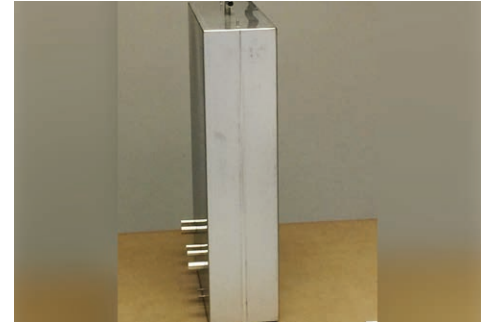
BRACKETS



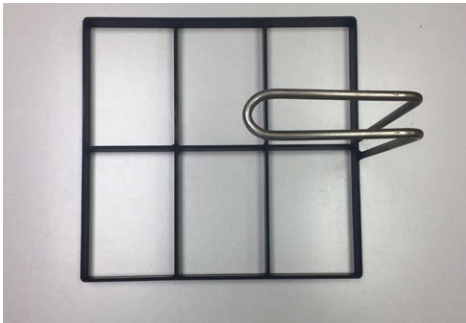
COVER



TANKS



SPECIALTY



FILTRATION



ENCLOSURE





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INNOVATION IN STAINLESS STEEL FABRICATION

HFI is a full-service sheet metal fabricator, specializing in stainless steel innovation for fifty years. Our nearly 60,000 square foot facility is home to the latest and most updated fabrication and welding equipment built to service the restaurant, medical, telecommunications, display, and other sheet metal markets.

OUR MISSION

HFI is dedicated to making the highest quality parts from the prototype stage through production runs. We have prioritized and dedicated our quality department and software programs to provide customers with parts that meet their exact specifications and allow for complete traceability throughout the fabrication process at our facility.

We look forward to building a positive tradition of success with your organization.