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Welding and Assembly



As an ISO 9001:2015 Certified company, Laser Technologies has comprehensive capabilities to deliver the highest quality products. If your product requires welding services during the manufacturing process,

we are equipped to offer specialized welding services, including:

- Metal Inert Gas (MIG) Welding
- Tungsten Inert Gas (TIG) Welding
- Laser Welding
- Robotic MIG Welding

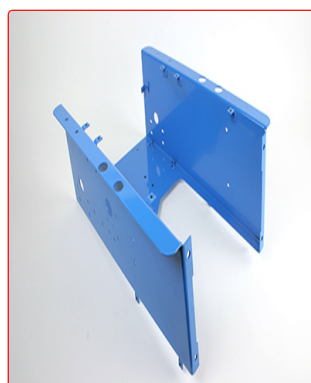
Our welding services meet the standards of the American Welding Standards. We offer welding services for a variety of materials, including stainless steel, cold roll steel and aluminum.

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MIG & TIG Welding

MIG - Metal inert gas welding is a welding process in which an electric arc forms between a consumable wire electrode and the workpiece metal which heats the workpiece metal causing them to melt and join. The weld area is protected from atmospheric contamination by an inert shielding gas. MIG welding is the most common industrial welding process, preferred for its versatility, speed, and the relative ease of adapting the process to robotic automation.

TIG - Tungsten inert gas welding is an arc welding process that uses a tungsten electrode to produce the weld. The weld area is protected from atmospheric contamination by an inert shielding gas, and a filler metal is normally used. TIG welding grants the operator excellent control over the weld, allowing for stronger, higher quality welds. However TIG welding is comparatively more complex and furthermore, it is significantly slower than most other welding techniques.

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