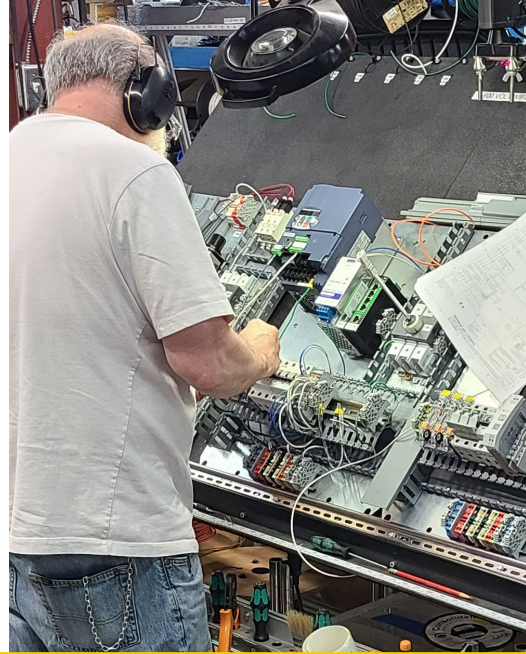




# Manufacturing Services

No matter what your manufacturing needs are, Sigma Design Company's comprehensive in-house manufacturing services provide an ideal solution.

For more than 20 years, we have been a trusted, one-stop resource for clients including major global brands. We have delivered more than 1,000 successful projects while saving our clients hundreds of thousands of dollars in manufacturing costs. And we have earned a reputation for delivering superior results – on time and on budget – whether the products are designed and developed here or brought to us as Build To Print later in the development cycle.



Our mission is to provide clients with creative, affordable and easily manufactured designs and manufacturing assembly solutions that achieve their product, business and revenue goals.

## MANUFACTURING SERVICES

With our extensive manufacturing expertise and decades of experience, Sigma can deliver turn-key equipment and products for your company – from manufacturing heavy equipment fixtures to assembly work cells, automated production equipment and myriad other projects with repeatable, reliable precision.

We can also review your drawings and BOMs from a manufacturing point of view and offer suggestions for improvements in cost, assembly and manufacturability.

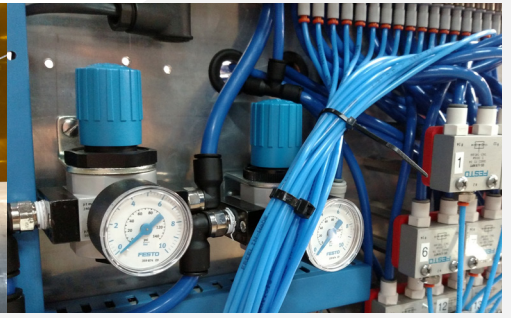
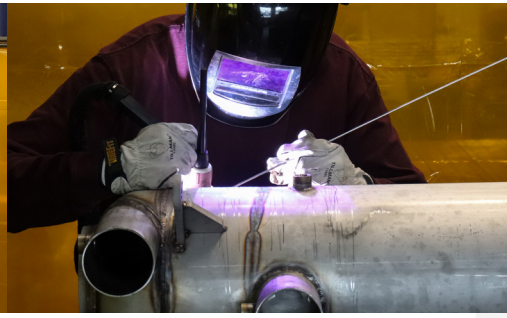
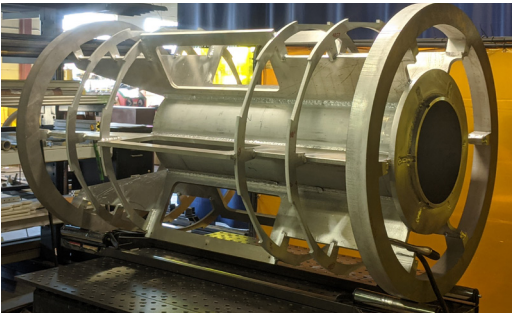
Our manufacturing services include:

- Electrical control: panel building services in accordance UL 508A
- Welding services: ASME Section IX and AWS D1.1 structural steel, stainless steel, and aluminum certified welders
- Assembly, start-up and operational testing services for complex machines
- Machining Services: CNC milling, turning, drilling, of metal and plastic parts, and subassemblies.

## BUILD TO PRINT SERVICES

Sigma also offers Build to Print services, providing certified manufacturing services for clients that:

- Need to move their projects faster
- Have a proven design for a product or machine and are ready to go into production
- Are looking to increase capacity by replicating existing equipment and require a new manufacturing partner
- Need to satisfy demand that has outgrown their current supplier base



## OUR FACILITY

All manufacturing is completed in our state-of-the-art 20,000 square foot Technology Commercialization and New Product Manufacturing Center conveniently located in Middlesex, New Jersey.

By keeping design, engineering and manufacturing under one roof enables us to maintain better control of the entire process and ensure that the work is completed with highest quality standards.



## OUR TEAM

Sigma Design's expert welding, electrical panel building, assembly and test teams are ready to go!

Our team consists of experts in developing and manufacturing electromechanical assemblies, drives and motion controls, HMI & PLC programming, electrical enclosure and panel building, CNC milling, turning, machining, assembly and testing.

Our fabrication services are conducted by a team of fully certified ASME and AWS welders who deliver stainless steel, carbon steel and aluminum precision weldments every day. Our welders are certified to:

- ASME Section IX procedure qualified for carbon and stainless steel structural and pipe components. GTAW(TIG) and GMAW (MIG). – fillet, V groove, plug and slot welds
- ASME Section IX procedure qualified for aluminum structural plate GTAW(TIG) and GMAW (MIG). – fillet, V groove, plug and slot welds
- AWS D.1 carbon steel GTAW and GMAW – fillet, V groove, plug and slot welds
- AWS D.1 aluminum GTAW(TIG) and GMAW (MIG). – fillet, V groove, plug and slot welds

## FILTRATION ANALYSIS

- Water analysis and TSS by volume analysis. Our analytical equipment includes an in-house flow stand capable of flow vs. differential pressure drop tests up to 250 gpm.



Your trusted one-stop resource for end-to-end product development and commercialization solutions, on time and on budget.

Want to know more about our Manufacture/Build services? Call us at 732-629-7555 today.