

Fabricated Metal and Tubular Products



JUDSON SMITH

Be the Best...Do it Right™

Engineering and Validation Services
CNC Machining
Laser Cutting, Welding, and Marking
Welding, Assembly and Finishing

Be the Best ... Do it Right ®

Judson A. Smith



Core Values

- Quality First
- Technical Leadership
- Flexibility
- Consistency

Value Beyond the Component

- Validation Expertise
- 50+ Years of Experience
- Highest Quality Standards
- Multiple Technologies/Capabilities
- Engineering Support/Co-Development
- SPC Data Collection
- Assembly /Finishing Services

Engineering and Validation Services

Improved time to market, long term repeatability

We partner with our customers to ensure the engineering of the best cost solution to meet your needs. We pride ourselves on our ability to provide rapid working prototypes to enhance the design process. Upon design finalization our process and validation engineers will quickly develop and validate the manufacturing process to minimize variation, reduce time to market, and ensure long-term process stability.

Through these partnerships our engineers often work with our customers design groups to provide training in areas such as thread design, welding considerations, and general design for manufacturing best practices.

CNC Machining

Technology, Expertise, Capacity

Judson Smith offers a complete array of machine capabilities including vertical and horizontal mills, lathes, swiss turn machines, wire EDM and more. Among these capabilities is a fully automated flexible manufacturing system (FMS) enabling us to provide long run or short run components easily to meet changing customer supply needs. Above and beyond the equipment– Judson Smith employs a large group of skilled machinists and support personnel dedicated to providing the highest quality parts on time and at the best value.

More on the FMS

Judson Smith's recent investment brings the latest in horizontal milling technology to the fingertips of our customers. The fully integrated FMS system provides maximum flexibility in tool storage and handling, setup elimination minimizing variation, part measurement with networked data collection, and ease of operation.



Robust Quality Management

ISO 9001:2015 AS9100D Certified

FDA Registered

ITAR Registered

Exceptional Value

Wide range of state of the art manufacturing technologies under one roof

50+ Years of Metals Experience

Long or Short Run Capabilities

Component or Complex Assembly Services

Engineering Support

Rapid Prototypes



Laser Cutting, Welding, and Marking

The latest in fiber optic laser technology

Judson Smith offers the latest technology in fiber optic lasers to provide customers with a broad array of tools to meet their application challenges. Whether cutting, welding, or marking our in-house expertise provides customers with a wide range of manufacturing technologies to choose from which greatly enhances available design options.

Welding, Assembly, Finishing

Components to Configuration

Judson Smith goes beyond component manufacturing. We offer complete welding, assembly, and finishing services to provide turnkey metal product solutions bringing maximum value to our customer base. Every day Judson Smith creates state of the art metal assemblies for a wide range of end markets including Medical, Aerospace, Automotive, and Defense.



About the Group

Judson Smith located in Boyertown, Pennsylvania is a member of the ATW group of companies based in Warwick, Rhode Island.

Our sister companies include:

Parmatech Corp - Specializing in Metal Injection Molding (MIM) technology

AT Wall Company - Specializing in precious metal tubing products, wave guide tubing, and metal stamping solutions

Judson Smith can utilize technologies across all three companies to solve the unique design and production challenges of our customer partners.

Learn More

We would love to hear from you. We welcome you to come to Judson Smith to discuss your design and production challenges and see what we have to offer.

Send an email to Sales@judsonsmith.com or call (610)367-2021 for more information or to set up an appointment.



Be the Best ... Do it Right[®]

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