



CAPABILITIES BRIEF

American Made Since 1994

Southwest Composite Works is a trusted expert in manufacturing in the United States. Providing high-quality composites engineering, design, composite part production, and manufacturing services to many industries.



Autometrix Fabric Cutting Machine



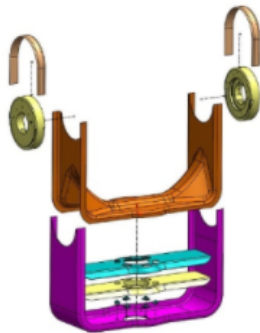
Programmable Heated Platen Press

EQUIPMENT

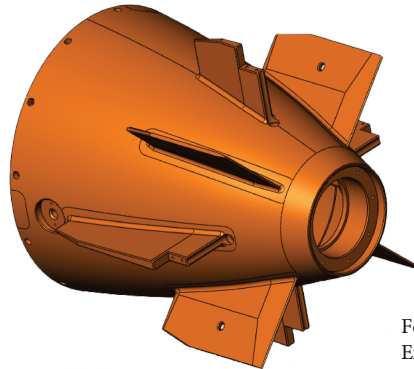
- Four CNC Mills
- Autometrix Fabric Cutting
- Programmable Heated Platen Press
- Complete Machine Shop
- Autoclave
- Solidworks, Fusion 360, HSM Works, Mastercam
- Post Processing Equipment

MANUFACTURING PROCESSES

- Compression Molding
- Composite Parts Production
- Fiber Forging
- Autoclave Processing
- Low to High Production Volumes
- Prepreg Vacuum Bagging Layup
- Custom Assembly
- CNC Post Processing



Aviation Gimbal



Foundry Tooling for Experimental Missile Body

ENGINEERING AND DESIGN

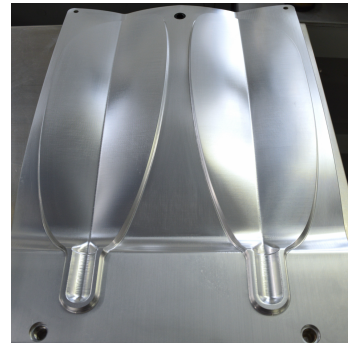
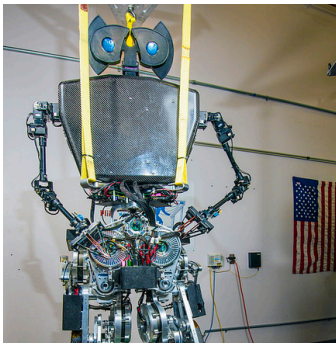
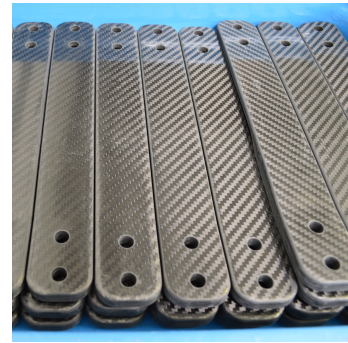
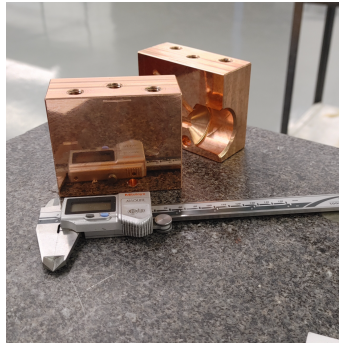
- Composite Engineering
- Full-Service Component CAD and Tooling Design
- Prototyping
- CNC Machining
- Composite Tooling and Mold

FOUNDRY TOOLING AND MOLD MAKING

- Composite Tooling in Steel, Aluminum, and Plastics
- Foundry Patterns and Coreboxes
- Sand Cast Procurement
- Jig Fixtures and Related Tooling

A GALLERY

As a full-service company, we can help you with all aspects of product development, design, manufacturing, tooling, and R&D. We bring decades of hands-on experience to every step of the process and offer peace of mind that your project will be done right.



WHERE INNOVATION MEETS A PASSION FOR MAKING THINGS

As a trusted partner we would love to hear from you. Reach out if you have any questions or if you are ready to discuss your project.

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