



New Autoclave Installation

Strategic Capability Expansion

The new autoclave will be operational in mid-September at Rock West Composites' San Diego Headquarters. As part of the company's strategic expansion into the high-performance flight structures market, we've established the capability and engineering horsepower to execute on these demanding programs.

- The autoclave will be used to cure composite structures at up to 450°F and 225psi using pressurized nitrogen and integrated vacuum
- The autoclave has programmable automated control over pressure, temperature, and vacuum and has a tight thermal gradient to meet aerospace-grade customer specifications
- This temperature and pressure range allows for high performance curing of epoxies, cyanate esters, and bismaleimides (BMIs)

The capability supports Rock West's ability to service all of a customer's composite manufacturing, allowing us to pair customers and their hardware with the right composite manufacturing process and equipment for a cost-effective solution that meets all requirements.

Technical Specifications:

Envelope: 6' Diameter, 14' length

Temperature: 450°F

- $\pm 10^\circ\text{F}/\text{min}$ Ramp Rates
- $\pm 5^\circ\text{F}$ Temp Uniformity

Pressure: 225 psi

- ± 10 psi/min Ramp Rates
- Dry Nitrogen pressurized

Flat Platen Cure Table

- **Envelope:** 6'x14'
- **Flatness:** 0.015" global
- Steel cure surface
- Composite slip sheets available





How We Help You Stay Competitive

- We are composites engineering experts
- Founded by entrepreneurs from the aerospace industry
- Solve problems efficiently and cost effectively
- Find creative and innovative solutions
- Maintain transparency throughout the process
- Build partnerships with our customers

Our Qualifications

- AS9100D and ISO 9001:2015 certified
- DCAA-approved rates
- Competitive burdened labor rates
- 5S methodology
- 3rd party risk assessment approval
- 3rd party online reviews



Our Locations

Our headquarters are in San Diego, California, home to our corporate and engineering offices and manufacturing facilities. In Salt Lake City, Utah, we have a large manufacturing plant with engineering offices as well as e-commerce operations. Additionally, we have a manufacturing plant in Baja California, Mexico about 30 minutes from our corporate office.

San Diego

Corporate headquarters, product development, composites engineering, prototyping, testing, manufacturing

7625 Panasonic Way
San Diego, CA 92154

Salt Lake City

Ecommerce, composites engineering, high volume manufacturing, machining, and assembly

3392 West 8600 South
West Jordan, UT 84088

Custom Inquiries

858-537-6260
Monday - Friday
8:00am - 5:00pm PST

custom@rockwestcomposites.com

www.rockwestcomposites.com