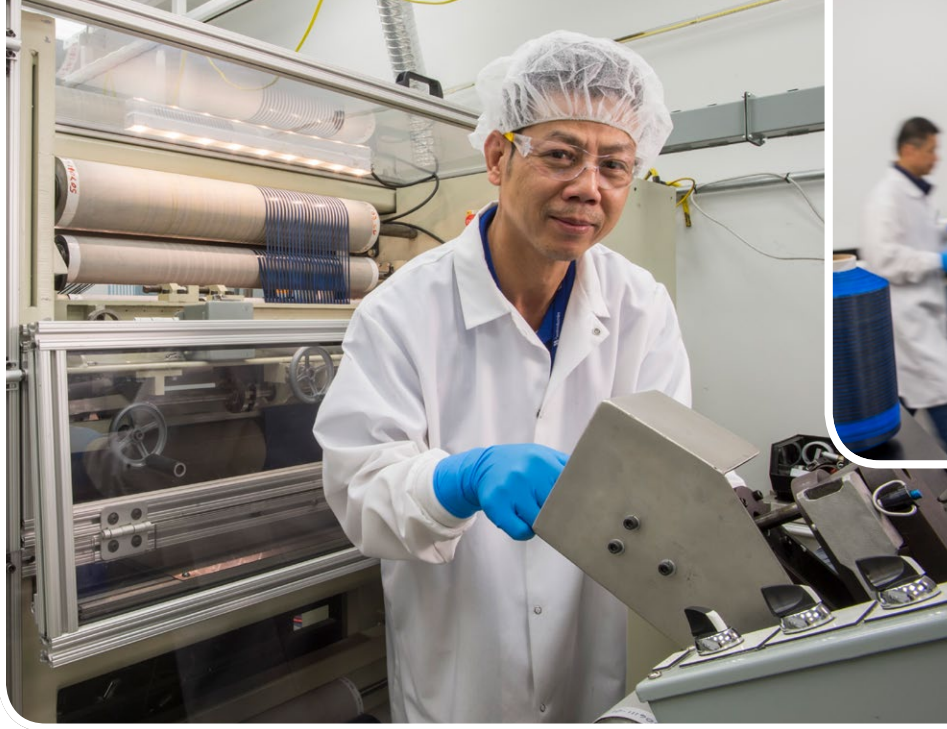


Development Center For
Composites Automation



PRECISION CONVERTING & OUTSOURCE MANUFACTURING



Accelerate Time to Market for Carbon Fiber Composites

The race is on to increase the use of next-generation carbon fiber composites in commercial aerospace, defense, automotive, and space programs. But lengthy development and fabrication testing cycles can cause delays, and hastily making the wrong decision on materials or manufacturing platforms can have long-lasting effects on profitability.

At the **Web Industries Development Center for Composites Automation**, you can shorten development, testing, and qualification phases, reduce overall cost and staff demands, and move into automated production ahead of your competitors with confidence. The Development Center is fully dedicated to testing and qualifying new prepreg composites for use in Automated Fiber Placement (AFP), Automated Tape Laying (ATL), and other emerging manufacturing processes.

Addressing the high-quality, high-precision demands of aerospace manufacturing, the Development Center leverages the world's most advanced slit tape formatting technology to support qualifications for major programs and to identify the optimum solutions that protect production cost targets.



The world's leading aerospace companies trust our innovative engineering, formatting, and manufacturing solutions to optimize their use of composites and get their products to market ahead of the competition.

Features

- A 10,000 square foot development, testing, and qualification facility
- AS9100D, ISO 9001:2015, and ISO 14001:2015 certifications
- Complete assessment services for prepreg composites
- Nearly 30 years of precision slit tape formatting experience

Benefits

- Speed development, testing, and qualification
- Improve time-to-market for new materials
- Reduce overall development costs and manufacturing risks
- Enhance your competitive market position

Get Faster Results, Reduce Your Costs, and Make the Right Choices

Our Development Center eliminates your need to invest in equipment, facilities, and labor costs for internal testing. You benefit from accelerated development, evaluation, and qualification processes that decrease your overall costs while giving you the confidence that your material and manufacturing choices are viable for your entire product life cycle.



MATERIAL TESTING & REFINEMENT

Our material analysis lab tests new composites for contamination, prepreg curing status, transition temperatures, resin impregnation levels, and other factors to determine optimum processing conditions.



PRODUCT SPECIFICATION DEVELOPMENT

Analyzing material trial data and validation work, our technical teams codify new product specifications designed to support optimized throughput and cost reductions.



CUSTOM PROCESS DESIGN & OPTIMIZATION

Whether improving existing processes or interfacing with OEMs to create new material formats, our formatting experts develop solutions customized for each customer's specific needs.



DESIGN FOR MANUFACTURABILITY & COST TARGETS

Applying Lean methodologies at every step, our product specifications and formatting processes are designed for commercial-scale production levels while keeping desired cost targets in mind.



PRODUCTION PACKAGING OPTIMIZATION

Depending on customer requirements, our optimized packaging and fulfillment solutions can address manufacturing process, sustainability, and costing concerns.



BUSINESS CASE VALIDATIONS

Web's unmatched experience supporting multiple major aircraft programs makes us the perfect partner to advise on program-level business case analysis, target costing, pricing projections, and potential areas for improvement.

Our rigorous testing and analysis process determines which new materials can be converted into a finished, production-ready format, so you and your partners can focus on your core competencies and proceed into manufacturing planning with fewer risks and greater assurances of success.

Put us to **work for you.**

With nearly 30 years of experience producing precision composite slit tapes and other challenging formats for the world's most stringent aerospace programs, Web Industries is your trusted advisor for testing and implementing next-generation materials for your projects of tomorrow.

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Web Industries is an employee-owned company.

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Year
Anniversary

 **webindustries**
Ingenuity with a personal touch