Research Workcell
Benchtop automated fiber placement options for research and prototyping

Full-Scale Processes on Research-Scale Machines
Designed for ease of use, our research workcell is a process development tool for turning rough sketches into finished parts. With flexibility in mind, multiple processing heads can be utilized, enabling both thermoset and thermoplastic fiber placement. These benchtop machines close the gap between product concept and full-scale manufacturing by accelerating and simplifying the scaling process.

Configured to Meet Your Needs
- **Full-scale machine variables** in a manageable platform that rolls through a standard sized door
- **Modular components** allow easy transition of changing features such as new heating methods, tools, or external devices
- **Easily integrate experimental devices** to focus on the technology and materials, not just the platform
- **Proprietary software and service packages** are bundled with every machine

Quickly Materialize Your Concept
The research workcell can be unpacked and running in less than a day. Training can be completed in a matter of hours rather than days, allowing personnel to start producing parts quickly.

Once a part has been proven on the research workcell, fabrication parameters can be translated to larger machines without redesigning the process from the start.

About Automated Dynamics
For over 30 years, Automated Dynamics has been a global leader in automated composite production. We specialize in the manufacturing of high-performance composite structures and the development of advanced automation equipment.

Through the use of a true out-of-autoclave (OoA) process, we bring additive manufacturing to continuous-fiber thermoplastic composite parts, saving weight and improving reliability in today’s most demanding engineering environments. We offer patented Automated Fiber Placement (AFP) technologies, and, as recognized innovators, we have produced hundreds of thousands of composite parts for over 500 clients in 17 countries.

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