Empowering the world to conceptualize, manufacture and implement advanced composite solutions.

For more than 30 years, Automated Dynamics has been a global leader in automated composite production. We specialize in the manufacturing of high-performance composite structures, development of advanced automation equipment and solution-based engineering services. 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. As recognized innovators, we have produced hundreds of thousands of composite parts for over 500 clients in 17 countries.

Overcome the Limitations of Traditional Materials

Using Automated Fiber Placement and Thermoplastic Composites, Automated Dynamics creates custom designed automotive parts without a need for post processing. Featuring lightweight designs and the highest strength-to-weight ratio available, benefits are recognized by:

- **OEMs** – Continuous/high throughput manufacturing offers new features and material options.
- **CONSUMERS** – Improved parts result in higher performance and greater fuel economy.
- **THE ENVIRONMENT** – Composites are recyclable and reduce fuel consumption.

Not just for cosmetic appeal, our composites can be used for critical components such as:

- **LEAF SPRINGS** – Thermoplastic springs offer high unsprung weight savings, have greater impact and fatigue performance, and can be custom built with AFP to achieve the lowest possible weight.
- **DRIVESHAFTS** – Thermoplastic driveshafts bring much greater torsional stiffness and higher damping of composite vs metals.
- **WHEELS** – Drastic weight savings of as much as 45% have been seen in composite wheels. Improved handling and ride, corrosion resistance, and better acceleration and braking performance make composites the easy choice.

Call us for immediate assistance - OR - visit our website for more details and technical information!