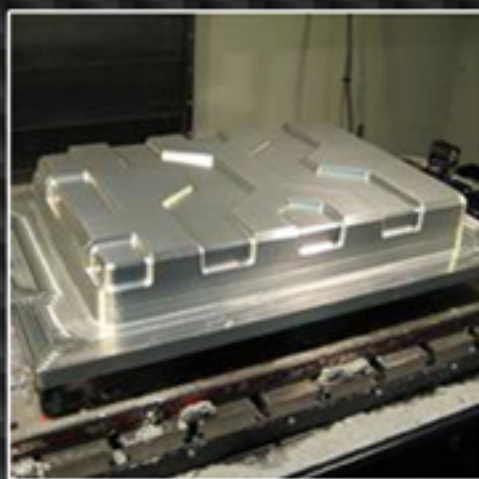
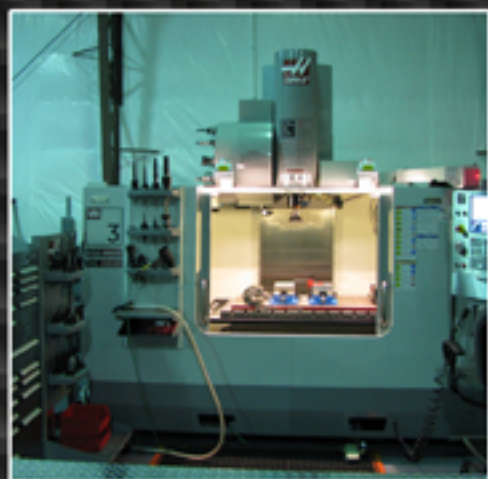


# IN HOUSE-CAPABILITIES

FDM • RTV • CNC • INJECTION MOLDING • TECHNICAL WELDING

CARBON FIBER MOLDING • AEROSPACE PAINTING • SHAKE TABLE TESTING



Dynamic Innovations is an established provider of integrated engineering services with the skill, training, expertise, and resources to take projects from concept through production on time, on budget, and within the most exacting standards of precision and performance. D-Inno offers a wide array of services including project management, industrial design, mechanical engineering, electrical engineering, software engineering, prototyping, tooling, production, and carbon fiber molding. We specialize in developing products from the ground up and are capable of executing a "start to finish" process all under one roof.



## TOOLING AND PRODUCTION

Molds, molded parts, castings, and even custom computer boards can be provided with a detailed build-to-print drawings package and BOM so that each customer has everything they need to move seamlessly into production. We assist our clients with all phases of the tooling and manufacturing processes, including injection molding, die-casting, carbon fiber molding, CNC machining, overseas tooling and fabrication.

## CARBON FIBER EXPERTS

Our team has over nine years of experience working with all forms of structural composites. We are well versed in utilizing resin transfer, hand lay-up, and automated compression molding processes. We pioneered the use of continuous carbon fiber composites to construct electronic products. This process has allowed us to increase product strength while reducing weight by more than half when compared to aluminum. We recently acquired new equipment allowing us to economically mold thin-walled carbon fiber and alike, in-house, in as little as 19 seconds.

There are numerous composite options available. We have materials that are three times more thermally and electrically conductive than copper, alternately with dielectric and radiolucent properties. There are literally thousands of options and combinations available.

Automated molds are made from aluminum or steel depending mostly on the material type and generally have a 5,000 to 50,000 shot life. These molds usually cost 60% to 70% less than conventional processes such as injection molding or casting.

