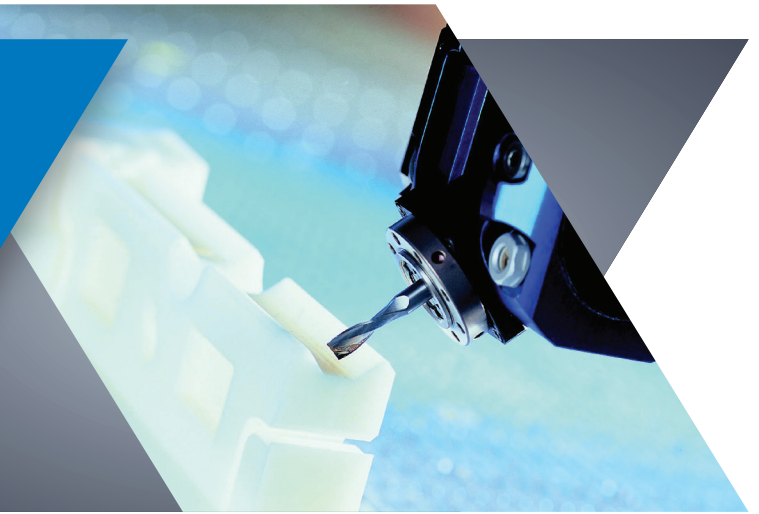
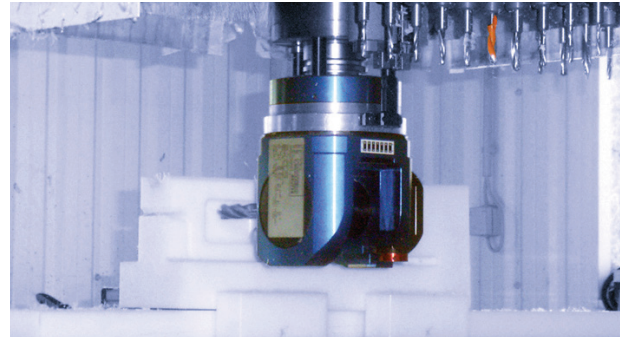


Cutting-edge Tooling for **COMPOSITE MACHINING**



BENZ is the leading manufacturer of machining heads for the wood, plastics, composite and metalworking industries. Our goal is to optimize your production process with unique solutions that add exceptional versatility and increased functionality to any CNC machine. Our products are commonly found in the following applications:

- Aerospace component manufacturing
- Automotive component manufacturing
- Aircraft interior and exterior components
- ACM processing
- Carbon Fiber processing
- RV manufacturing
- Watercraft manufacturing



How BENZ Benefits the Composite Industry

Milling, routing, profiling, contouring, drilling, sawing, sanding, surfacing. Growing and maintaining a productive and profitable composite manufacturing operation today demands that you stay up to date with special aggregate tooling and fixturing systems for every operation. That is why BENZ delivers innovative, customized aggregate solutions which can be easily added to your existing operation. Stay on schedule and keep those price points that make you a leader in your business! All of our tools have been developed through extensive research and ongoing development with stringent quality assurance being monitored at all times. Let us help you to increase your quality and output levels while minimizing production and labor costs.

BENZ Aggregate Tooling Helps You to Make the Most of Your Materials

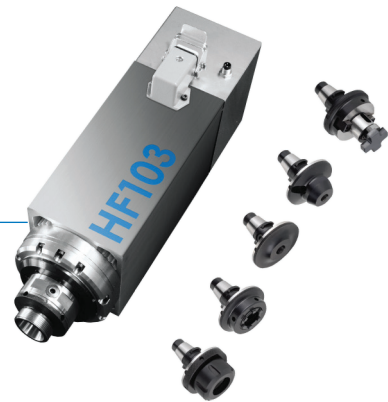
BENZ engineers composite tooling for CNC turning, milling and boring centers for processing the following materials:

- Composite Fiber Reinforced Plastic
- ALL nonferrous metals
- Polymers
- Thermoplastics
- Carbon Fiber
- Laminated panels
- Fiberglass
- Decking material

HF103 Solidfix® Spindle Motor

Modular Quick Change System

BENZ's proprietary, 15-second, quick-change system offers adapters that hold a variety of tools. The modular system uses preset tools for precise, repeatable cuts. Its rigid, compact motor housing provides large, multi-surface contact with high torque and 24,000 RPM performance.



Angle Head Tooling

Gain Access to Unusual Machining Angles

Benz right angle heads are available in a number of single- and dual-spindle configurations. Standard styles include fixed and offset heads available in a variety of lengths to best suit your process.



Custom Tooling

Tooling Developed for Manufacturing Challenges

BENZ German-engineered tooling is known for high quality and innovation. Our expert North American sales engineers are experienced in solving unique composites manufacturing challenges with custom tooling options. All BENZ tooling is user-friendly, rigid and extremely precise.



704-529-5300 | mail@benz-inc.com | benztooling.com

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Minimize Downtime with Reliable U.S. and Canadian Service

BENZ backs its proprietary tooling systems with quick, accurate service and repairs, preventative maintenance, and individual crash packages from trained, professional technicians.