

Cutting-edge Aggregates for **WOODWORKING**



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:

- Furniture
- Stairs
- Cabinets
- Shelving
- Doors and windows
- Parts requiring turning and carving
- Steering wheels and shift knobs
- Tool handles
- Timber frame and timber beam construction



How BENZ Benefits the Wood Industry

Milling, routing, profiling, contouring, drilling, sawing, sanding, surfacing. Growing and maintaining a productive and profitable woodworking 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 aggregate heads for CNC turning, milling and boring centers for processing the following materials:

- Hardwood lumber
- Softwood lumber
- Plywood, MDF, particleboard panels
- Plastic and composite materials
- Nonferrous metals
- Leather, foam, cork, linoleum, fabric, carpet, etc.

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.

Modular Quick Tool Change Systems

Add Speed and Flexibility to Your Process



The patented BENZ Solidfix® modular quick tool change system enables the user to change tools in 15 seconds and preset tools for precise, repeatable cuts.

Aggregate Heads

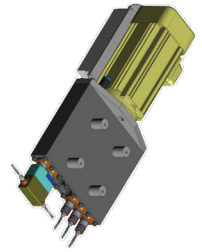
Gain Access to Unusual Machining Angles



BENZ aggregate heads and 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.

Drill Blocks

Individually Selectable Drills



BENZ manufactures drill blocks from 3 to 144 spindles with German engineering and reliability. 60mm stroke, locking drills prevent "push back". Custom are configurations available with optional "oil mist lubrication". Cartridge type drill units can be replaced in 10 minutes. Billet aluminum bodies for superior structural integrity

High-Frequency Spindle Motors

Enhanced RPMs for Existing Machines



Primarily designed for high-speed drilling, BENZ high-frequency spindle motors are also suitable for precise machining and light millworking without any specific surface hardness.

Custom Tooling

Aggregates 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 wood manufacturing challenges with custom tooling options. BENZ can custom-engineer an aggregate to fit your specific manufacturing requirements.



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.