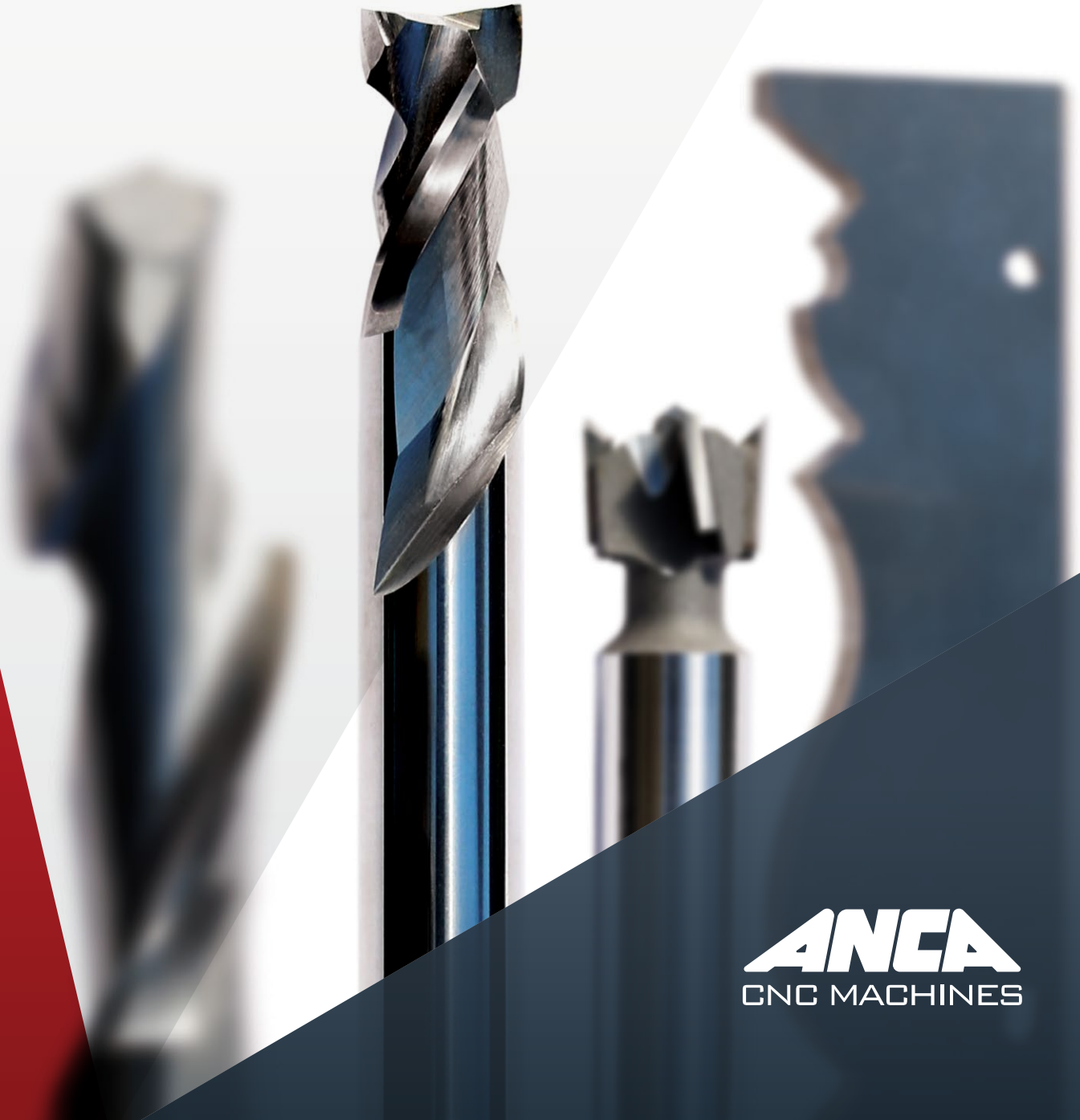


YOUR WOODWORKING

TOOL GRINDING SOLUTIONS



ANCA
CNC MACHINES

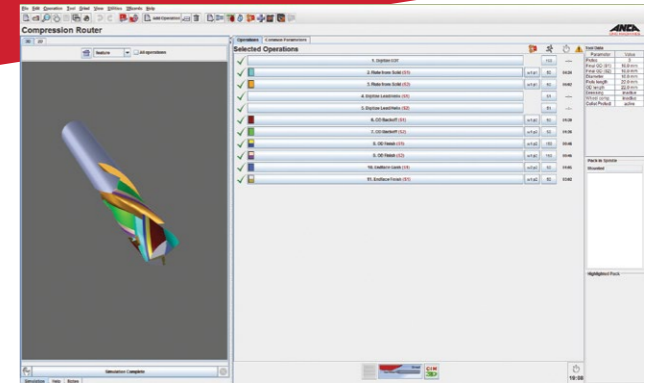
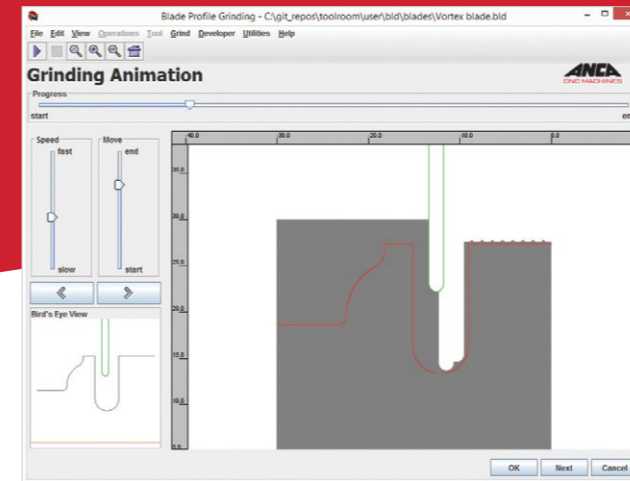
ANCA GRINDING SOLUTIONS FOR THE WOODWORKING INDUSTRY

A RANGE OF SOLUTIONS TO MEET THE DEMANDS OF THE WOODWORKING INDUSTRY

ANCA offers a variety of CNC grinding application solutions to suit the woodworking tool industry. Through collaboration with different companies within the woodworking industry, ANCA offers a range of CNC Tool and Cutter Grinders, along with software and automation solutions, to suit a range of tool types.

ANCA'S SOLUTIONS TO INCREASE YOUR WOODWORKING TOOL PRODUCTIVITY

- Produce a range of wood tool types quickly and easily with ANCA's user-friendly and flexible software.
- Dedicated accessories to suit a broad spectrum of tools.
- Multiple automation solutions.
- ANCA's flexible machine, provides diversification into a range of cutting tool markets.
- Off-line tool design and development with CIMulator3D.
- Innovative accessories and software make it ideal for both small or large batch production.
- Multiple wheel changer for manufacturing a range of tool types.



ANCA FLEXIBLE SOFTWARE

The key to being a profitable business is the ability to get quality work out the door quickly. Achieving increased work flow using ANCA products is two-fold: simple tool specific software and smart work holding and handling.

DEDICATED WOODWORKING SOFTWARE

The ANCA ToolRoom® software delivers:

- Capability to manufacture or re-sharpen
- Ability to grind a diverse range of wood cutting tools from round shank cutters to complex profile routers or blades
- Intuitive software with clear and precise help images to simplify use.

If your company is looking to capture new markets, ANCA's ToolRoom software will give you the ability to diversify into other industries - giving you a competitive edge over your rivals.

OFF-LINE TOOL DESIGN USING CIMULATOR3D

To facilitate continuous work flow and to keep your machine grinding, programs can be generated off-line using CIMulator3D software on a PC. New tool programs can be verified for size, shape, machine clearance and also cycle time. Simulating the programmed tool path exactly as it would be ground on the machine, CIMulator3D reduces development time and trial grinding.

ANCA'S DIVERSE SOFTWARE SUITE

DRILLS

ANCA's ToolRoom software has the flexibility to support a range of different woodworking drill types. Fostner drills.

COMPRESSION ROUTER

This software package is for tools where the cutter requires opposite cutting flutes on a single tool. Commonly called compression routers, they are also known as compound shear or up-down cutters.

PROFILE

Used for grinding a variety of profile tools such as routers or spindle blocks for copy and pattern sets. The software takes the cutting edge offset, hook, shear or helical angle data and automatically generates the true cutting edge form to achieve the desired profile. Profiles can be drawn on the machine or imported directly as a DXF.

PROFILE BLADE

Solely for manufacturing replaceable profile blades, the software uses the final profile shape to distort the profile to obtain the correct cutting edge shape based on the hook and shear angles. Profiles can be imported as a DXF or drawn directly on the machine.

FINGER JOINT CUTTER

Dedicated software for manufacturing finger joint cutters. The software interface has parameter fields for the operator to input the tool geometry.

PCD TOOLING

EDGE machine with its grinding and PCD erosion capabilities includes application software for profile cutters and routers, multi-insert shear (compression) tools, drills and saw blades up to 220mm.



AUTOMATION SOLUTIONS AND OPTIONS

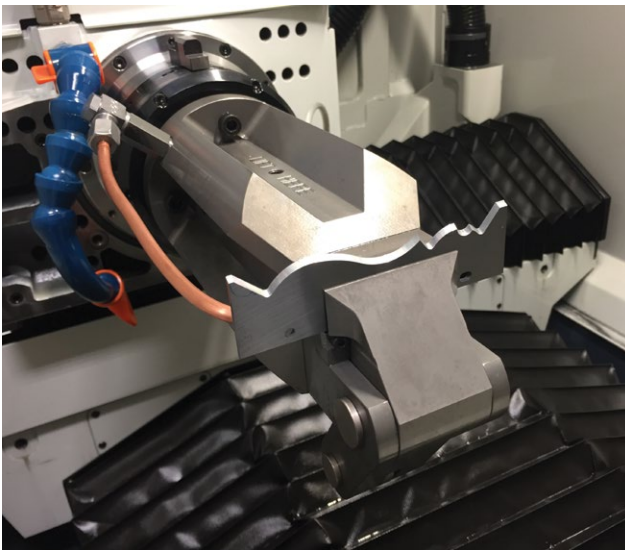
ANCA offers a range of accessory options and numerous automatic tool loading solutions to suit various woodworking tool applications. These include low-volume and high-volume auto tool loading options to suit your productivity demands, as well as a range of work holding systems and tool support options.

WORKHOLDING OPTIONS

ANCA offers a range of collet adaptor options for round shank tools.

For profile blade manufacture a fully automatic blade chuck is available. Key features include:

- Strong and rigid unit providing exceptional work holding
- Suitable for blades ranging in length from 12mm to 120mm
- Easily configurable to cater for different datum features on a wide variety of blade types
- Fully compatible with ANCA auto tool loading solutions.



MULTIPLE AUTOMATIC TOOL LOADING OPTIONS

ANCA offers a range of tool loading solutions to satisfy your unique needs. The loader software allows the machine to grind a batch of tools that are different in size, shape and type. This ensures the loader is used to its full capacity.

AR300 LOADER (FX)

The AR300 (ANCA Robot 3-axis) loader is a cost-effective automation solution for the FX5 and FX7 machines, ideal for small tool batches. This loader is suitable for production and regrinding of round shank tools (Ø2-20mm) and woodworking blades.

FANUC LOADER (FX)

The FX Fanuc loader is ideal for large tool batches, available for the FX5 and FX7 machines. The loader is suitable for production and regrinding of round shank tools (Ø2-20mm) and woodworking blades.

FASTLOAD LOADER (MX)

FastLoad-MX is a cost-effective loader for the MX7 and MX5 machines, ideal for small tool batches. The loader is suitable for production and regrinding of round shank tools (Ø2-20mm).

ROBOMATE LOADER (MX & TX)

The RoboMate Loader is an extremely flexible, high-capacity, tool loader for use on the MX and TX machines. This loader option is ideal for handling complex or unusually shaped tooling and comes in a two or four-pallet configuration.

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Head office: Australia

ANCA offices in the UK, Germany, Japan, China, Thailand, Brazil, Mexico, India and the USA. Supported by a global network of agents.

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