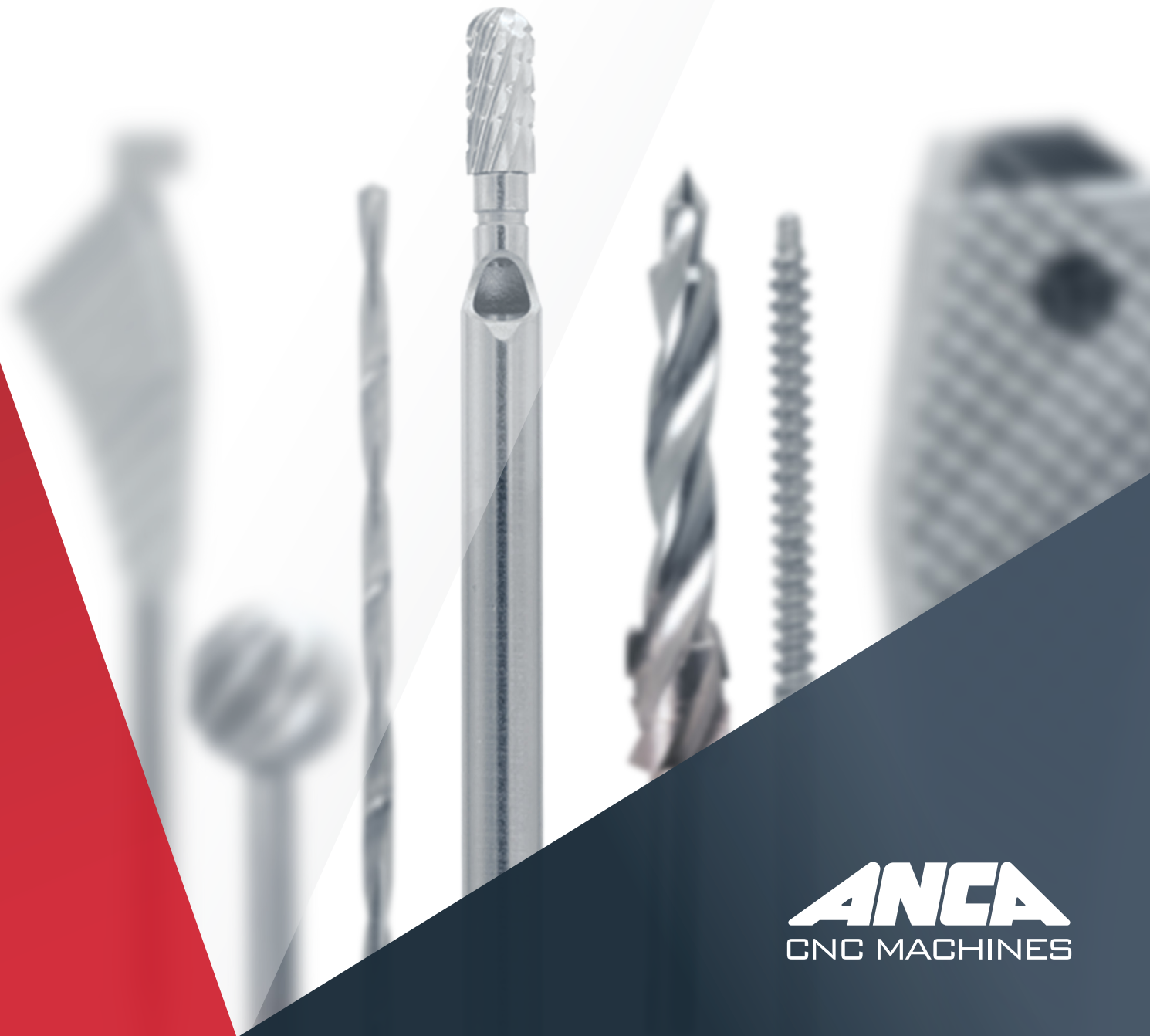


ORTHOPAEDIC AND SURGICAL **GRINDING SOLUTIONS**



ANCA
CNC MACHINES

ANCA GRINDING SOLUTIONS FOR THE ORTHOPAEDIC AND SURGICAL INDUSTRY

ANCA CNC grinders cover diverse surgical tool and orthopaedic implant production applications including:

- Rotary tools including dental and surgical drills, reamers, cannulated tools, taps and screws
- Other surgical tools including bone saws and rasps
- Orthopaedic implants including knees, femoral heads and acetabular cups

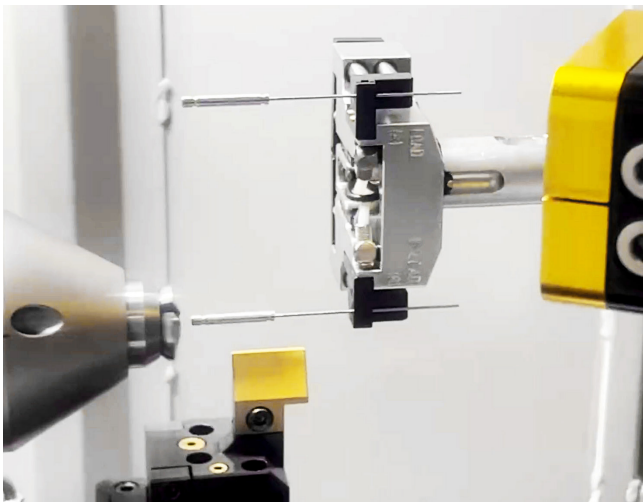
Automation with Fanuc robots supports continuous unattended production.



FX PLATFORM

A compact grinding machine ideally suited to production of smaller rotary cutting tools

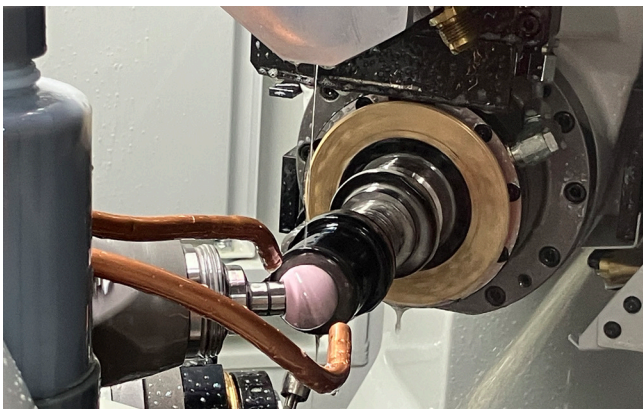
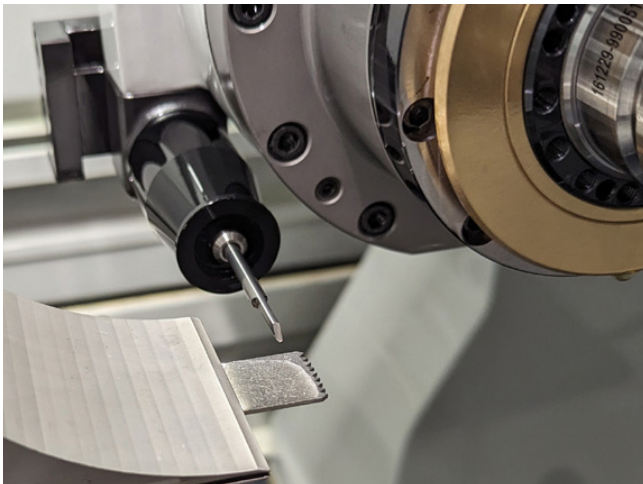
- 2 or 6 grinding wheel pack stations
- Spindle power suited to tools up to $\varnothing 12\text{mm}$ (1/2")



MX PLATFORM

Mid-size grinding machine suited to production of larger, longer rotary cutting tools and also can be configured to orthopaedic applications:

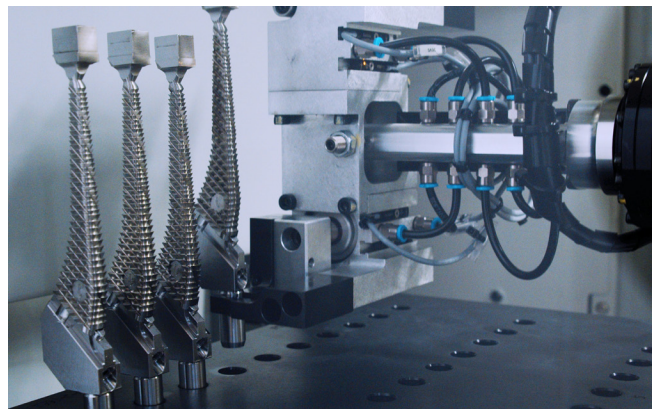
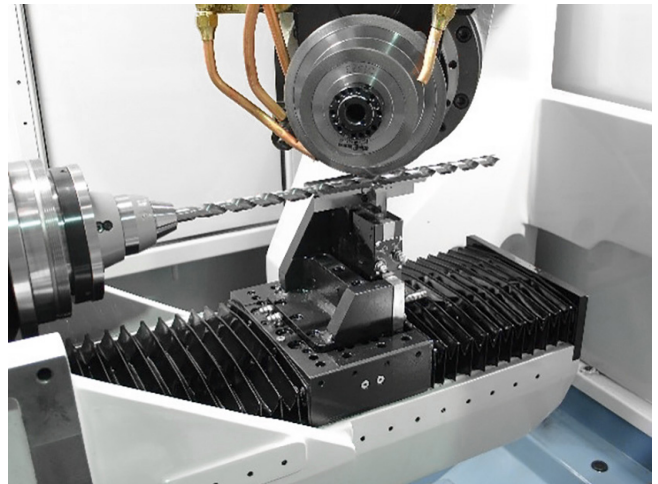
- 2 or 6 grinding wheel pack stations
- Spindle power suited to tools up to 25mm (1")
- Optional travelling tool steady or tailstock for long tools
- Integrated wheel dresser option



TX PLATFORM

Grinding machine with largest working envelope and grinding power. Automation options allow for extended, unattended production of tools and orthopaedic implants including.

- 2 up to 24 grinding wheel pack (or milling cutter) stations
- Spindle power suited to tools up to 32mm (1½")
- Optional travelling tool steady or tailstock or long tools
- Integrated wheel dresser option



EPX-SF PLATFORM

Stream finish process for polishing, deburring and edge honing medical implants and instruments

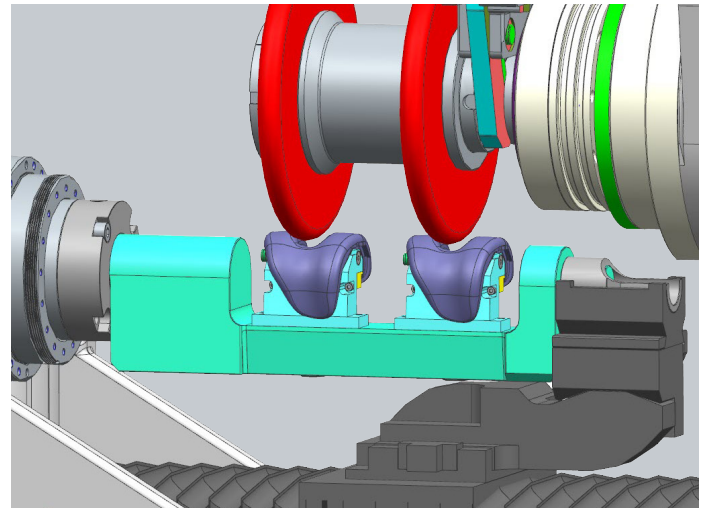
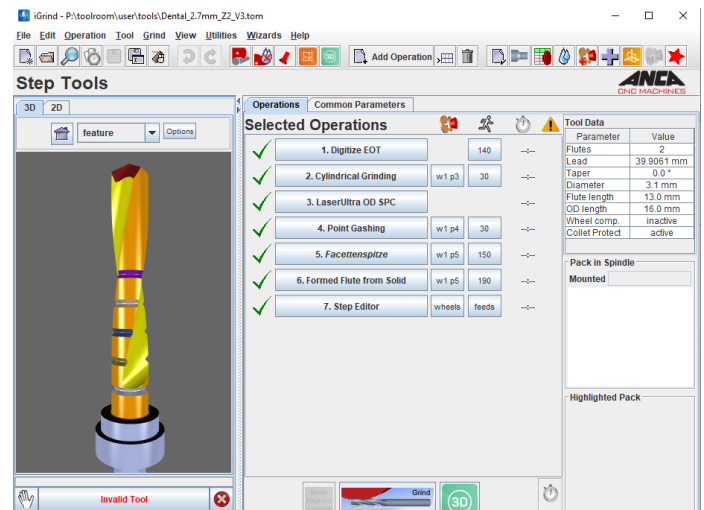
- 3 work heads process multiple parts simultaneously
- Flexible application software combines with 11 axis control, allows targeting of different features on the workpiece
- Integrated automation for unattended production
- Utilize multiple media types to suit workpiece material and process requirement



APPLICATION SOFTWARE

Industry leading software delivers ultimate flexibility combined with ease of use to grind any geometry desired

- iGrind: parametric programming for all varieties of rotary cutting tools
- ANCAM: integrates ANCA grinding machine to Siemens NX CAD-CAM software
- Simulator3D: simulate machine moves and grinding process
- Custom Software Solutions: developed to suit other special customer requirements



Learn more about our
medical solutions



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