

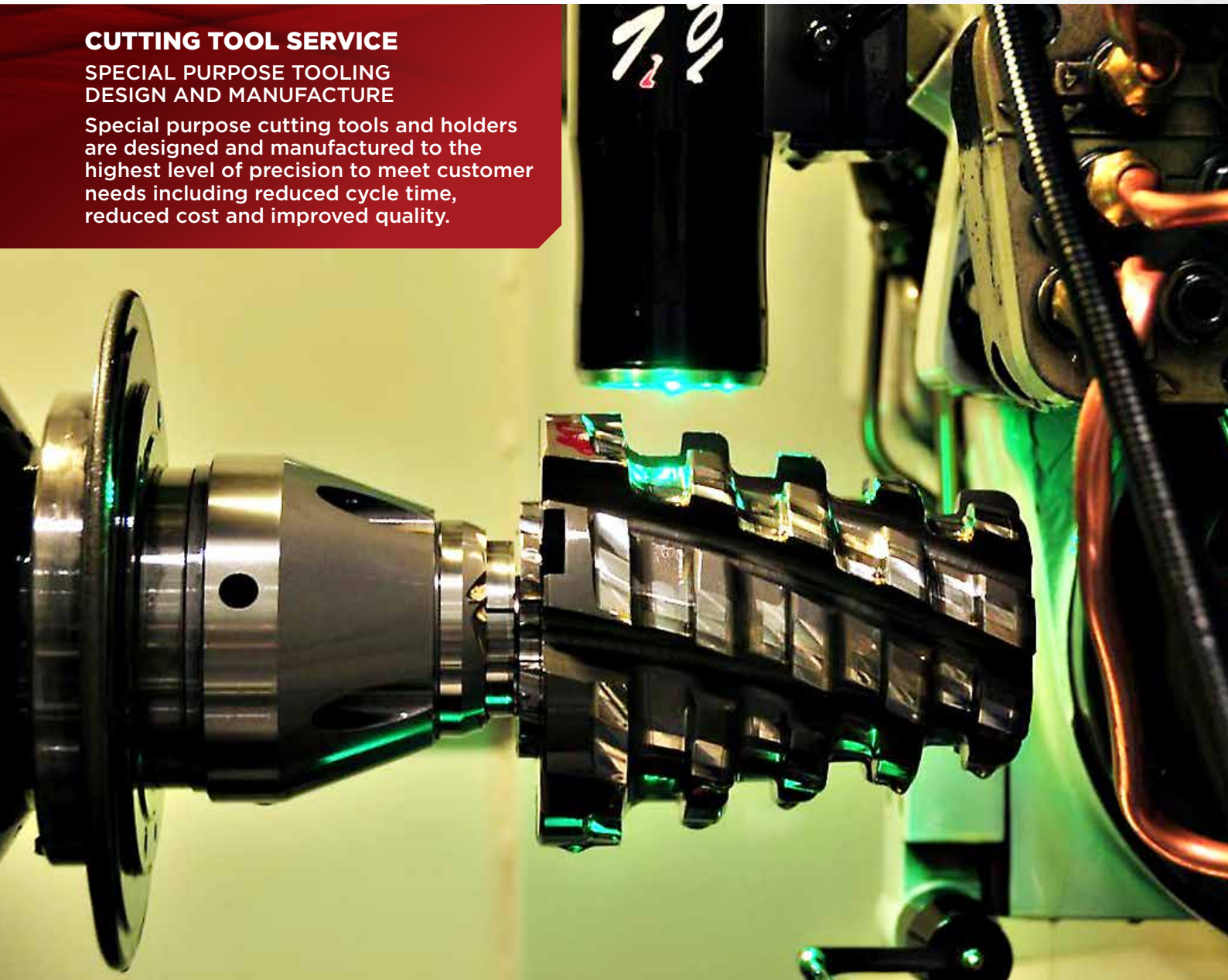
SERVING
INDUSTRY for
50
years
SINCE 1969

CUTTING TOOLS

CUTTING TOOL SERVICE

SPECIAL PURPOSE TOOLING
DESIGN AND MANUFACTURE

Special purpose cutting tools and holders are designed and manufactured to the highest level of precision to meet customer needs including reduced cycle time, reduced cost and improved quality.



HOFMANN PROVIDES:

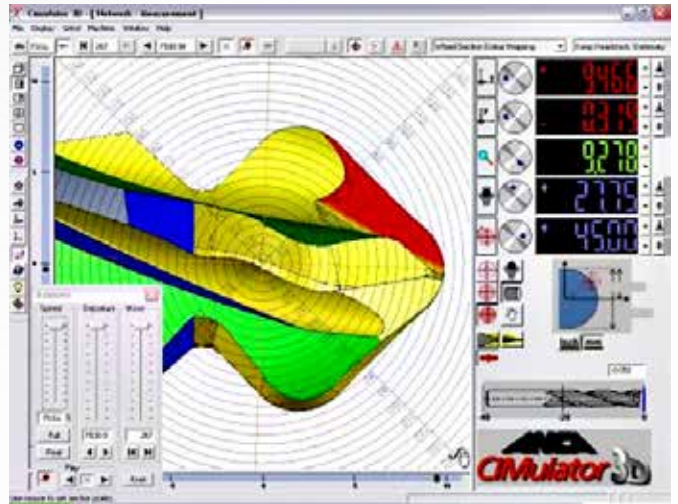
Design and manufacture of special purpose tooling:

- Solid carbide and high speed steel form tools.
- Special pocketed cutting tool holders suitable for indexable carbide inserts.
- Brazed carbide form cutting tools.
- Special tool holders including arbours and mandrels.
- Special form insert manufacture and service.
- Form roller and sintered component finishing.
- Tooling and cycle optimisation to maximise production efficiency.
- Fast and efficient service utilising our multiple machining capacity.

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SPECIALISED CUTTING TOOLS

Hofmann's ANCA 5 axis CNC cutting tool grinding machines are equipped with ANCA's iView camera system. ANCA iView allows components to be measured while they are still in the machine to ensure perfect accuracy, whether it is a complex form tool, accurate ball nose cutter or profiled roller.

STATE OF THE ART TECHNOLOGY

All machines are networked to allow tools to be programmed and tested on ANCA's state of the art tool grinding simulation software, prior to being loaded onto any of the machines, allowing more efficient and accurate tool grinding.



DESIGN AND MANUFACTURE

Complex form tools with high accuracy are produced with Hofmann Engineering's grinding technology and techniques. Cutters can be PVD coated to suit application needs. Tooling can also be reconditioned to the original manufacturer's specifications to achieve required tool life and cost.

EXPERIENCED PROFESSIONAL SERVICE

Hofmann Engineering's 5-axis machining capability covers the manufacture of complex components, tool holders, pocketed tooling and arbours from almost any desired material with high accuracy. CNC cylindrical, jig and optical profile grinding facilitates the manufacture of form inserts, rollers and other components as required.



AEROSPACE ACCREDITED

Hofmann Engineering is one of the only cutting tool service companies in Australia with a quality system that is Aerospace industry accredited to AS9100.

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