



**CONNECT,
AUTOMATE,
CREATE**

Founded in 1974, ANCA is a world-leading manufacturer of CNC grinding machines, motion controls and manufacturing solutions, with over 1,300 employees worldwide.

We're pleased to have been recognised with more than 30 industry and business awards, including our induction into the Australian Export Award Hall of Fame. The AFR recognised us as one of Australia and New Zealand's most innovative companies.

We hold patents for many products, processes and components, from pulse and gap control for electrical discharge machining equipment to collet adaptors and clamping devices.

With global headquarters in Melbourne, Australia, ANCA exports 99% of products to customers across the globe, servicing 45 countries and delivering leading solutions from offices in the UK, Germany, China, Thailand, India, Japan, Brazil and the USA.

Sign up to ANCA's monthly E-Sharp newsletter for the latest product news and tips – go to: www.anca.com/subscribe



TOOL TIP TUESDAY

Follow #ANCAToolTipTuesday for weekly tips on getting the most out of your ANCA software.



CONNECT WITH US AND

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ANCA ACADEMY

The ANCA Academy show covers technical topics through educational videos on new applications and features.

ANCA
CNC MACHINES

AIMS: CONNECT, AUTOMATE, CREATE

ANCA Integrated Manufacturing System (AIMS) is revolutionising the tool manufacturing industry. It is a modular and flexible ecosystem that can be tailored to your individual needs.

Connect your machines to AIMS Connect and improve the productivity of your factory, controlled by the AIMS Server.

Benefit from AIMS Automate by drastically reducing labor dependency, increasing uptime and reducing waste.

Your customers will appreciate consistent and predictable quality provided by the AIMS AutoComp, automatic in-process tool measurement and compensation solution.

You've heard the saying "You can't manage what you don't measure" many times. Now, with extensive reports and smart insights aided by machine learning, you get a full visibility into all aspects of your operations and focus on continuous improvement.

With AIMS Ready equipment, you can be confident that your investment in ANCA machinery is future-proof and fully prepared for automated, lights-out production whenever you decide to make the transition.



INCREASED PRODUCTIVITY

Manufacturing tools with AIMS means reduced overheads. Your machines now operate 24/7 with minimum supervision and only during operating hours. Improve your competitive advantage with AIMS!



REDUCED COST PER TOOL

Twice as many machines can be supervised by a single operator. Thanks to automated and accurate tolerance control with AutoComp, scrap is drastically reduced.



IMPROVED QUALITY

Consistent, accurate and on-time quality checks executed automatically ensure the quality of your tools is always maintained.

YOUR PARTNER IN ANCA

With over 50 years' experience delivering CNC grinders to customers around the world, ANCA carries a reputation for delivering solutions to meet market needs.

AIMS is the next evolution in cutting tool manufacture, connecting tool production processes to deliver productivity and quality gains that keep you one step ahead of the competition.

Whether deploying AIMS to a single process, or across an entire production line, ANCA will be your working partner - with Engineering, Applications and After-sales support located in ANCA facilities around the world.

RECOGNISING YOUR CHALLENGES AND FINDING SOLUTIONS



INCREASE PRODUCTIVITY

Thanks to full process automation, your grinding machines can operate at maximum capacity around the clock for extended periods of time, leading to increased uptime and productivity for your factory.



REDUCE PRODUCTION COSTS

With AIMS, your production can operate 24/7 with minimal supervision during standard operating hours from Monday to Friday, resulting in significantly reduced overhead costs. The automated, consistent, and reliable quality control provided by AIMS also helps to minimise scrap.



TACKLE YOUR LABOUR CHALLENGES

Repetitive manual tasks are best suited for machines, not people. AIMS automates manual tasks both within and across machines in your tool production process, freeing up skilled operators to focus on higher value-added tasks. By adopting modern operations like AIMS, businesses can attract talented individuals looking for opportunities to work with cutting-edge technology.



MAKE BETTER DATA-BASED DECISIONS

The AIMS Server provides a wealth of reports and insights to help you make informed, data-driven decisions. By taking advantage of cutting-edge machine learning and AI technology, you can free up your time and energy to focus on more value-added tasks.



BECOME MORE COMPETITIVE

Lowering your overhead costs and increasing quality through AIMS can help you gain a competitive advantage, expand your business footprint, and increase customer satisfaction.



EVERYONE'S JOURNEY IS DIFFERENT

We recognise that each customer's needs are different. AIMS is a modular and flexible ecosystem. Start with small scale software-based integration, process monitoring solution and grow at the pace you feel comfortable with.

THE AIMS ECOSYSTEM IS MODULAR BY DESIGN

• START SMALL BY TARGETING SPECIFIC PROCESSES THAT BENEFIT YOU MOST



AUTOMARK X

- ANCA's automatic laser marking machine
- It is used to automate all laser marking tasks for your tools around the clock
- Advanced functionalities include marking on the tool end, around the circumference of the shank, and serialising machine-readable codes like Datamatrix and QR codes
- These unique ID codes enable you to match measurement data or regrind history, enhancing the value of your products to your customers



AIMS SERVER

• DEPLOY ACROSS ALL AVAILABLE PROCESSES TO TAKE FULL ADVANTAGE OF A CONNECTED AIMS ECOSYSTEM

- A powerful software platform designed to be the brain of your entire manufacturing system, the AIMS Server seamlessly connects and manages data flow between all processes, providing you with up-to-date production schedules through ERP/MES integration.
- Provides additional modules for production monitoring, reporting, and advanced analytics empowering you to make informed decisions and optimise your business processes.
- Ongoing updates and access to cutting edge technologies like AI and machine learning.



AUTOCOMP

- Works with AutoFetch to ensure your batch stays within tolerance by facilitating for measurement data transfer and compensating grinding parameters between ZOLLER and the grinders.
- AutoFetch delivers tools from the grinder to the measurement machine. Once the measurement is complete and compensation applied (if required) the tool is returned to the same pocket in the pallet.
- 24/7 automation means you can increase productivity while reducing the risk of errors and downtime.



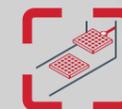
AUTOLINE

- The interface between the AutoFetch system and your machines (grinder, measurement machine, laser marker, etc.) enables the seamless transfer of full pallets of blanks or finished tools to and from the machines
- Allows for the transfer of individual tools between processes



AUTOFETCH

- This is your workhorse taking care of all material transfers in the factory, transporting full pallets and individual tools between processes
- With the flexibility to automate either pallet transfer or both pallet and individual tool transfer, you can customise the system to meet your specific needs

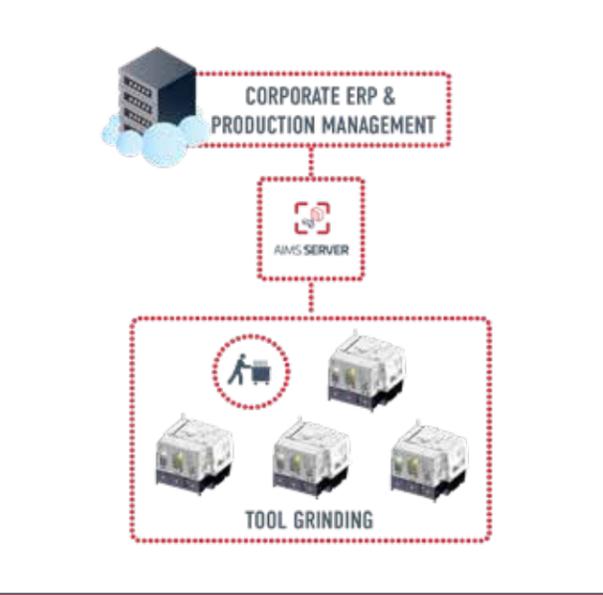


AUTOSSET

- Serves as an Operator Command Center - the starting point for each new job . With a direct connection to your factory's AIMS Server, you can efficiently prepare production pallets based on the current production schedule
- Stores prepared pallets and finished goods
- For larger installations, AutoSet functions as an ASRS (Automatic Store and Retrieve System), providing increased flexibility and maximising floorspace efficiency

CONNECT, AUTOMATE, CREATE: TAILOR IT YOUR WAY

AIMS Connect represents the production control of AIMS. It offers full control over all processes and workflows. With AIMS Connect, you can introduce AIMS into existing infrastructures without high investments. Without automation, the system informs employees about everything via a worker guidance system.



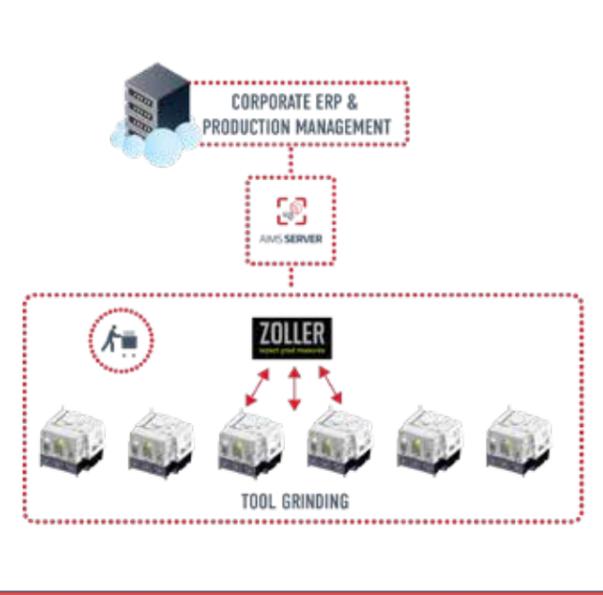
EXAMPLE 1: AIMS CONNECT

FEATURES:

- Centralised machine file management
- Connectivity to ERP / MES
- Production Control
- Legacy machine integration
- Operator placement of pallets into grinder

BENEFITS:

- Single source of truth for tool manufacturing
- Faster setup by operators with less manual data handling
- Clear instructions thanks to worker guidance



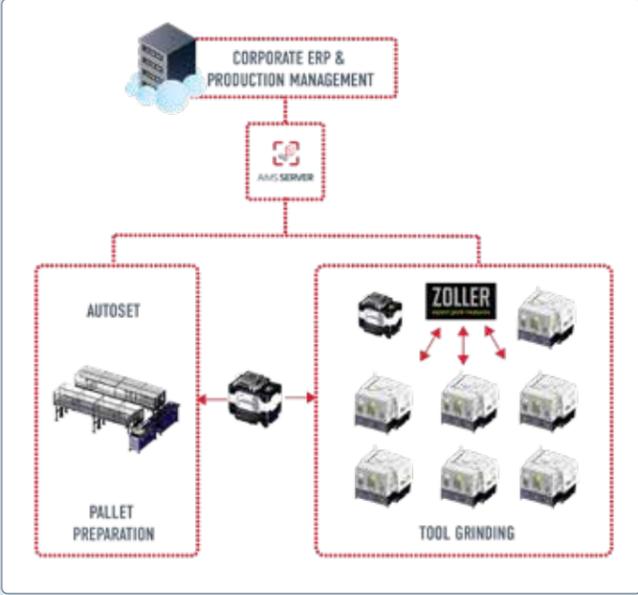
EXAMPLE 2: AIMS CONNECT WITH AIMS AUTOCOMP

FEATURES:

- Tool compensation across multiple grinders with AIMS AutoComp
- Operator placement of pallets into grinder and ZOLLER

BENEFITS:

- Minimizes operator interaction and standardizes the compensation strategy
- Traceable process start-up
- Improved and consistent tool quality across batches
- Reduced operating costs



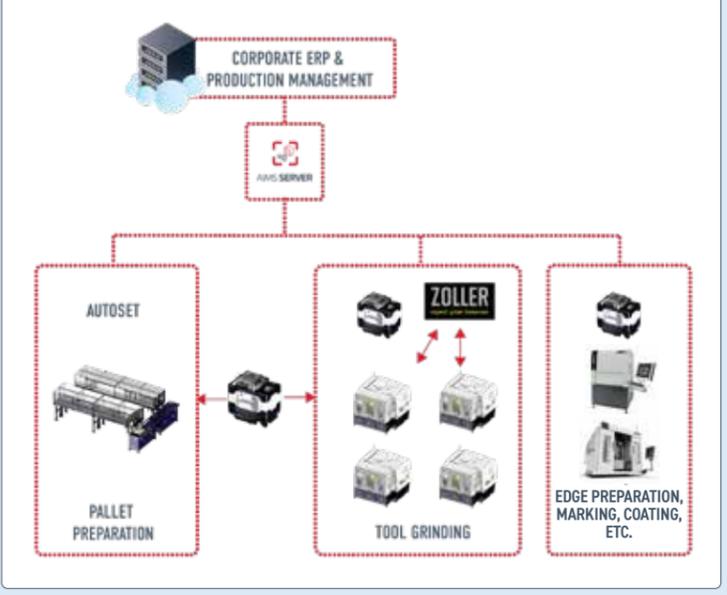
EXAMPLE 3: AIMS AUTOMATE

FEATURES:

- Pallet and program offline preparation (AIMS AutoSet)
- RFID in pallets enables clear tracking
- AIMS-Ready loader recalls program via RFID
- Automated tool measurement and compensation across multiple grinders (AIMS AutoFetch)

BENEFITS:

- Reduced machine downtime by preparing and programming offline
- Elimination of errors in programming
- Continuous tool grinding



EXAMPLE 4: AIMS AUTOMATE ACROSS PROCESSES

FEATURES:

- Automated connectivity of sequential processes
- Integrated real time data visibility of machine status (REDAX)

BENEFITS:

- Reduced labour costs
- Increased machine utilization
- Improved production quality and consistency
- Data availability used for process analysis & improvements
- Autonomous tool production