

DRILLING, MILLING AND REAMING

5 new tool solutions for increased productivity

Source: InovaTools Eckerle & Ertel

Inovatoools will present five new tool solutions for drilling, milling and reaming. With these new developments, the tool manufacturer is strategically expanding its portfolio in key application areas, promising significant increases in productivity and efficiency. The booth offers visitors an exclusive look at the tools behind the newly added solutions. In addition, visitors will gain a comprehensive overview of the current portfolio. The company's experts will advise on customised tooling and cost-effective machining solutions.

www.inovatoools.eu

SOFTWARE

CAM and MES for more efficient manufacturing

Software company Open Mind Technologies will present the latest enhancements to the Hypermill CAD/CAM suite as well as the Hummingbird Manufacturing Execution System. Among the new features in Hypermill is 2D hole machining, also known as contour planing. Also on display are enhancements to the Hypermill Turning Solutions, which simplify the programming of turning programs and ensure support for new, complex turret-type turning during collision checking.

Under the term "Hypermill Intelligence", Open Mind presents its concept for effectively combining human expertise, smart automation, digital optimisation and artificial Intelligence.

Also on show will be Hummingbird MES. This modular suite consists of four main components: planning and control, machine data acquisition (MDE), CAM/CNC integration and tool logistics. Thanks to the seamless integration of Open Mind's CAD/CAM suite and MES, tool management also offers significant advantages.

www.openmind-tech.com

CUTTING TOOLS

New tooling strategies for efficient machining

Simtek Group will be represented by the two manufacturers Simtek Präzisionswerkzeuge and Kaestner-Tools at AMB. The tooling specialists will showcase their comprehensive tooling ranges and specific application possibilities as well as how they have addressed two key industry challenges: the rise in raw material prices, particularly for tungsten, and the growing need for process reliability in automated manufacturing processes. The focus will be on real-life applications, 3D-lasered chip-forming geometries and the Sim-mill 9W modular milling tool system.

www.simtek.com



Source: Simtek

MACHINING CENTRES

Integrated machining and automation

Visitors to AMB will see Mazak showcase seven machining solutions alongside three automation systems, including a new debut. Key exhibits on the company's stand will include several models from the company's flagship Integrex range of multi-tasking machining centres. Featured on the stand will be the Integrex i-250ST Neo, equipped with Mazak's newly launched advanced grinding package. Also featured will be Mazak's first Integrex range that is now being manufactured in its European factory for the European market — the j-200S Neo.

www.mazak.com



Source: Yamazaki Mazak

CUTTING TOOLS

Precision tooling in real-world scenarios

Source: Horn

Cutting tool manufacturer Paul Horn will show its vast range of precision tools and demonstrate them in real-world machining scenarios. Three machine tools will showcase the company's expertise in standard products, bespoke solutions and special innovations. A new introduction will be the expanded S274 tool system. Horn is enlarging it with sintered chip-breaker geometries for parting-off and turning. The new types improve chip control, increase process reliability and support cost-effective machining on sliding-head lathes.

www.horn-group.com

CUTTING TOOLS AND SERVICES

Tooling solutions with productivity gains

Visitors to the stand of Dormer Pramet will have the opportunity to learn more about the latest additions to the product portfolio, including recent developments across turning, milling, drilling and threading applications. Whether visitors are looking to improve tool life, increase productivity, optimise machining processes or gain expert advice on specific applications, the company's team will be on hand to provide practical guidance and recommendations tailored to individual requirements.

"Trade fairs such as AMB are an essential meeting point for the manufacturing industry, creating opportunities for meaningful technical discussions and strong customer relationships. We look forward to meeting manufacturers face to face, understanding their machining challenges, and demonstrating how Dormer Pramet combines practical tooling solutions, application expertise, and a straightforward way of working to help customers improve productivity," Helmut Depner, Market Manager DACH, Dormer Pramet.

www.dormerpramet.com