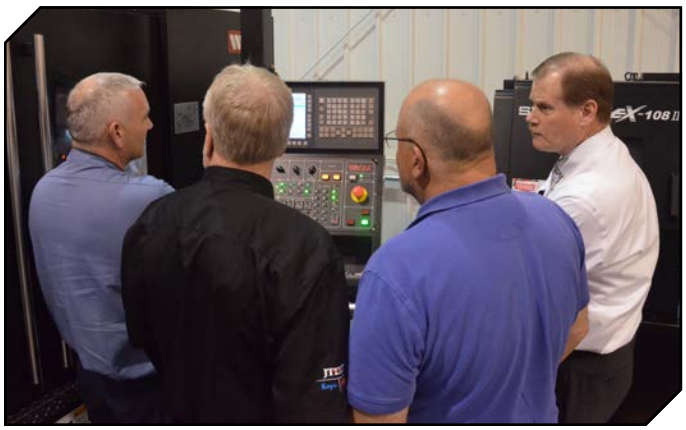
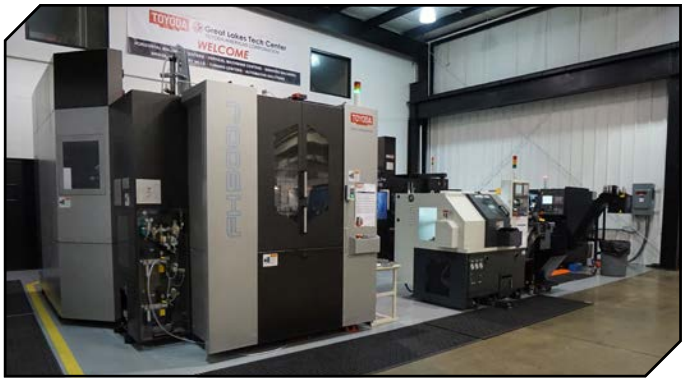
Toyoda Americas

OPENS GREAT LAKES TECHNICAL CENTER

JTEKT Toyoda Americas celebrated the grand unveiling of their Great Lakes Technical Center April 19 and 20. Nestled at the heart of the U.S. automotive industry and just under 40 miles from the Canadian border, Toyoda's Wixom, Michigan based tech center will provide local sales application, turnkey and service support to manufacturers in the Great Lakes region.

Attendees caught a first look at the tech center's four machines: FH500J horizontal machining center, Stealth 965 vertical machining center and recent additions to the Toyoda lineup, Takisawa Taiwan's NEX-105 and Stealth EX-108 turning centers. All four machines were set with varied application demonstrations showing off high speed machining and dynamic milling applications.





"Toyoda customers will benefit from the (Great Lakes) facility, which will serve as our service hub for Michigan as well as an area for current and future customers to view the machine capabilities we offer," said Michigan and Windsor Regional Manager, Austin Sievers. "Our doors are open for all area manufacturers, please coordinate visits with your local distributor representative or myself. We will also be hosting training seminars in the near future for grinding, gear skiving and specific machining applications."

There will be no shortage of Toyoda expertise in service and engineering as the tech center shares the 75,000 sq. ft. facility with Toyoda's Remanufactured Products Division (RPD). Dedicated much to the repairing and remanufacturing of machines since the 1970's, RPD will continue to specialize in returning overworked machining centers to OEM specifications.

Toyoda would like to offer a special thank-you to their local distributors KM Industrial Machinery, Network Machinery, industry partners Seco Tools, Kennametal, Mastercam, Schunk and master BBQ-er, 'Q It Up. (*www.toyoda.com*)

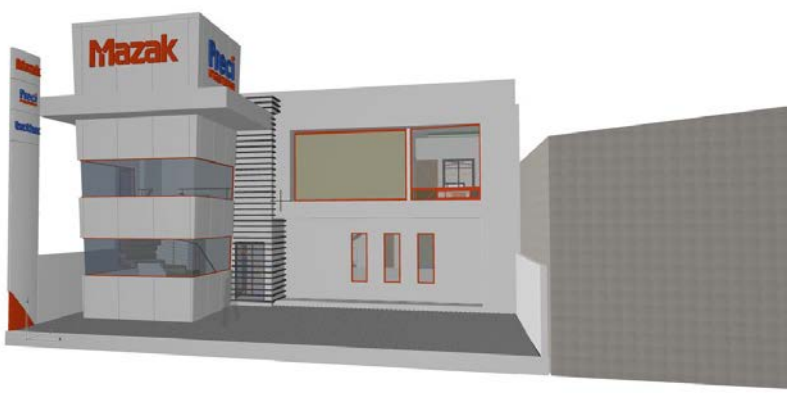
Mazak

ANNOUNCES PRECI FACILITY GRAND OPENING

Mazak customers in Mexico will soon benefit from enhanced levels of localized customer service and support with the grand opening of the Preci facility in Queretaro. The brand new building will house applications and service technicians, offer training to customers and demonstrate some of the most advanced Mazak machine tool and automation technologies, including those specifically geared toward the area's well-entrenched aerospace and automotive industries.

"The new building gives Mazak's customers in the Queretaro area and surrounding regions even more access to the technical, engineering and applications expertise they need to thrive and succeed," said Brian Papke, chairman of Mazak Corporation. "We continue to expand and strengthen our capabilities in Mexico - thanks to Preci - as well as throughout all of North America while other OEMs typically trim customer service, support and sales initiatives to keep overhead costs in check."

The Preci facility encompasses nearly 6,000 square feet, including training space and a 3,200-square-foot showroom that will house some of Mazak's most advanced multi- tasking, full 5-axis, horizontal and vertical machining systems. Six employees will provide technical and sales support to keep customers competitive and productive. (*www.mazakusa.com*)



ANCA

CONFIRMS GRAEME BILLINGS AS BOARD CHAIRMAN

ANCA has announced its board has confirmed the appointment of an independent, non-executive chairman for the ANCA group board.

Pat Boland, joint co-founder said: "After a rigorous interview process, with several high-quality applicants, the board has appointed **Graeme Billings** to this role."

"Graeme comes from an impressive business background as both a senior manager, independent director and chairman for several of Australia's best companies," he concluded.

After his appointment, Billings said: "The ANCA Group is a great success story. I look forward to working with the board and management in pursuit of the company's long term growth strategy."

Formally a senior partner at PricewaterhouseCoopers, as well as leading the firm's Global Industrial Products sector, Graeme has extensive experience in assurance, transaction and consulting services with multinational and Australian companies in the automotive, construction and general manufacturing industries, spanning a 34-year period.

Billings also draws on his experience with acquisitions, mergers and other business investigation areas, including succession planning. In addition, he was a regular media commentator on the industrial products sector.

Billings lives in Melbourne with his wife and they have three children. He is a passionate sports fan and particularly enjoys AFL, cricket and golf.

This position is effective immediately. (*www.anca.com*)

AGMA

WELCOMES NEW BOARD MEMBERS

The American Gear Manufacturers Association (AGMA) recently announced the election of Jim Bregi, president of Doppler Gear as the new AGMA chairman of the board, at the AGMA Annual Meeting held March 30–April 1 in Palm Springs, California.

Other changes to the board include a new chairman emeritus, treasurer, business management executive committee (BMEC) chairman and technical division executive committee (TDEC) chairman.

The new AGMA executive committee is: Jim Bregi, chairman, and president of Doppler Gear; John Cross, treasurer, and president, ASI Technologies, Inc.; Todd Praneis, TDEC chairman, and director of product development, Cotta Transmission; John Grazia, BMEC chairman, and president, GearTec, Inc. and Dean Burrows, chairman emeritus, and president of Gear Motions, Inc.

Additionally, AGMA welcomes four new members to its

(Left) Jim Bregi, Doppler Gear and Dean Burrows, Gear Motions, Inc.

board of directors. These directors will serve a three-year term (2017–2020), effective April 3, 2017. The new board members were elected by AGMA corporate members in the first quarter of 2017, and announced during the AGMA Annual Meeting.

The newly elected board members are: Michael Engesser, president, Reishauer USA; Mike McKernin, president, Circle Gear and Machine Company; Cory Ooyen, president, Global Gear and Machining, LLC; and Greg Schulte, president, Bonfiglioli USA.

"AGMA is a member driven organization and these industry leaders will join our dynamic board at an exciting time in its history," noted Matthew E. Croson, president of AGMA. "I look forward to working closely with them as we execute on our strategic plan and add value into the second century of AGMA's history." (*www.agma.org*)

Sandvik Coromant

SIGNS RESEARCH AGREEMENT WITH PARC TO DEVELOP DIGITAL MANUFACTURING TECHNOLOGY

Sandvik Coromant is strengthening its digital manufacturing capabilities by signing a strategic research agreement with PARC, a Xerox company, world-renowned innovation center. PARC will provide Sandvik Coromant with a footprint in Silicon Valley and expert resources for research and development in the field of digital manufacturing.

PARC will allocate resources to conduct research and develop digital manufacturing technologies for Sandvik Coromant under the terms of the agreement. Sandvik Coromant will also acquire all intellectual property (IP) and technology related to PARC's software for high-level process planning and automated manufacturing cost estimation for subtractive manufacturing.

"This partnership is a natural step and in line with Sandvik Coromant's long-term strategy to develop attractive solutions in the field of digital manufacturing and Industry 4.0," said Magnus Ekbäck, vice president and head of business development and digital machining for Sandvik Coromant. "With this cooperation we will significantly strengthen our capabilities within digital machining."

"Manufacturing is entering a dynamic new phase as the cyber and physical worlds converge, and the complex and diverse industry needs significant innovation to truly progress," said PARC CEO Tolga Kurtoglu. "The missing piece for complete design automation and manufacturing of complex products has been the integrated coupling of design and manufacturing, which we have been developing at PARC for many years. We're pleased to partner with Sandvik Coromant to see these innovations come to life on the global stage."

PARC has been developing technologies for government agencies and commercial clients in the field of digital manufacturing for almost a decade. Its digital manufacturing suite of technologies helps designers and manufacturers understand real-world manufacturing process constraints during digital product design and identifies potential limitations of a supply chain early in the design phase, ultimately minimizing time-to-market and improving overall product quality.

The strategic research agreement will be governed by a Joint Steering Committee with representatives from both PARC and Sandvik Coromant. (*www.sandvik.coromant.com*)

Photo Caption: Saigopal Nelaturi (Area Manager, Computation for Automation in Systems Engineering) PARC, Janni Weber (Senior Project Manager) Sandvik Coromant, Mats Bergstrom (Managing Director, Global Business Operations and Program Manager for Digital Design and Manufacturing) PARC, Magnus Ekbäck (Vice President and Head of Business Development and Digital Machining) Sandvik Coromant, Tolga Kurtoglu (CEO) PARC, Markus Larsson (Vice President of Global Business Operations) PARC, Mats Allard (Project Manager Virtual Machining) Sandvik Coromant, Michael Waltrip (Senior Director, Intellectual Property Management and Commercialization) PARC.

Kapp Niles

FOUNDS METROLOGY DIVISION

Kapp Niles has announced the expansion of its product portfolio by adding high-end metrology solutions. The new-found division Kapp Niles Metrology GmbH, based in Aschaffenburg,

Germany, leverages the wealth of experience and technology from R&P Metrology GmbH, whose employees and management are joining the new company. Kapp Niles Metrology designs and builds customized large 4- and 5-axis analyzers built to VDI/VDE class I. A derivative of the technology is a transportable 3-axis device for analyzing gears in the shop on cutting machines or even in a gear box. An expansion into the metrology sector complements the Kapp Niles product portfolio for gear and profile grinding up to 8 meters. The new company will also provide sales and support in Europe and Asia for the smaller gear analyzers and products of Penta Gear Metrology of Dayton, OH (pentagear.com), which joined Kapp Technologies in 2015. Both Kapp Niles Metrology GmbH and Penta Gear Metrology are innovators in their respective sectors and now join forces for further advancements. Industry 4.0 is just one of the areas customers will benefit from these extensive integrated solutions to the gear industry. (*www.kapp-niles.com*)

Seco/Warwick

AWARDED PRODUCTION COMPANY OF THE YEAR

Seco/Warwick has won a Production Company of the Year title in the Leaders of the Manufacturing World Competition.

The title given to Seco/Warwick is a recognition of a company's expertise, innovative technologies and solutions in the manufacturing sector while achieving significant growth dynamics.

"Seco/Warwick is not afraid to reach for IT solutions from the world's top shelf, which captured the attention of the competition jury. With our knowledge and experience we contribute to the development of the manufacturing market and the most interesting solutions for Industry 4.0. We know what breakthrough technologies are and have a vision for their creation and application in industrial production," says Paweł Wyrzykowski, CEO of the Seco/Warwick Group.

Innovative metal heat treatment solutions by Seco/Warwick have revolutionized the world's metallurgical industry. Seco/Warwick is among the top five companies in this field thanks to the use of disruptive technology and constant cooperation with universities in Europe and abroad. Today, Seco/Warwick can boast about 30 trademarks and 50 patents, dozens of awards and technical certifications and nearly 4,000 solutions in operation with customers in 70 countries.

At the III Innovative Manufacturing Forum, during the presentation of "Mixed-reality in Industry 4.0 - Redefining Reality in Industrial Production" Seco/Warwick presented its latest innovation - Seco/Lens, an application utilizing augmented reality technology, based on the latest HoloLens holographic computer. It is the first such application in Poland and one of the first in the world used in heavy industry.

"Digital technology is the basis for the development of the fourth industrial revolution we are currently witnessing. The driving force behind these concepts are concrete solutions that utilize the Internet of Things (IoT), cloud computing, augmented reality, and advanced analytics. Seco/Warwick is at the forefront of the digital revolution in the manufacturing industry, demonstrating how to effectively leverage digital tools to create innovative solutions and models. Based on Microsoft technology, the company has created an integrated ecosystem of data, applications and systems that support its growth and improve the efficiency of processes, especially those of an innovative nature," emphasizes Dariusz Piotrowski, member of the board at Microsoft in Poland.

"This is a new era of Seco/Warwick equipment application - the interaction era. Cyber-goggles, so far associated more with the gaming world than the industry, have been embedded in the real world. The implementation of virtual technology to our production, maintenance and service of Seco/Warwick systems, has become reality and is going to result in substantial benefits for us and our clients, for example by increasing the mobility, effectiveness and shortening our technicians' reaction times," specifies Katarzyna Sawka, Seco/Warwick global marketing director. (*www.secowarwick.com*)