

Sandvik Coromant

OPENS NEW FACILITY IN MEBANE, NORTH CAROLINA

Sandvik Coromant has opened its new Sandvik Coromant Center Mebane in the heartland of manufacturing innovation and technology, joining a global network of facilities dedicated to showcasing metal-cutting expertise and helping to solve customer challenges.



As part of its continued investment in customer experience and knowledge sharing, metal-cutting leader Sandvik Coromant has opened a new Sandvik Coromant Center in Mebane, NC. In conjunction, the company has moved its U.S. headquarters to the same location.

With approximately 170 employees, the updated 167,000 square-foot facility houses an existing production unit, the new tech center and corporate offices, all in one common location.

Mebane lies at the heart of all major aerospace and automotive customers within a 200-mile radius and is easily accessible from three nearby airports, which allows Sandvik Coromant to be close to customers and partners. In addition, Mebane is located near the “Research Triangle” in the vicinity of North Carolina State University, Duke University and the University of North Carolina at Chapel Hill.

Sean Holt, president of Sales Area Americas for Sandvik Coromant, said, “Bringing together all company functions in one location will increase internal alignment and cross-functional collaboration. With all departments present in Mebane, we can provide customers and partners with a fully integrated, state-of-the-art immersion into the latest technologies and machining applications. In addition, we anticipate additional synergies between the proximity of our production unit and the activity from our new Sandvik Coromant Center.”

Sandvik Coromant Center Mebane

The new Sandvik Coromant Center Mebane is a hub for training, R&D testing, customer projects, digital live machining (DLM) capabilities and, most of all, an opportunity for comprehensive customer and partner engagement with the overall

Sandvik Coromant experience.

Sandvik Coromant Center Mebane allows customers and partners to fully interact with the latest technology and digital machining techniques, including Sandvik Coromant’s CoroPlus, the tooling platform that brings connectivity to manufacturing. Customers can also work together with Sandvik Coromant experts, including manufacturing specialists, development and process engineers and CAM programmers to develop new ways of overcoming machining challenges.

Complete with a large auditorium, integrated showroom and modern machine tools, the new Sandvik Coromant Center Mebane also features an ITAR aerospace project area. In addition, the DLM system can be used for broadcasting training and machining demonstrations, allowing for collaboration with others around the globe in real time.

Sandvik Coromant was the first company in the cutting tool industry to establish application centers. Currently, there are 17 Sandvik Coromant Centers located across Europe, the Americas and Asia. While each facility has a physical location, they have been built with digital adaptability in mind for virtual training and events.

The interconnectivity of the centers facilitates many opportunities for problem-solving. Sandvik Coromant Centers work together, along with industry partners across the globe, to deliver webinars and digital events that tackle some of the most pertinent manufacturing concerns, such as reducing downtime, best machining practices and selecting the right tool for the job. The new Sandvik Coromant Center Mebane is part of this network.

Other Sandvik Coromant Centers in the U.S. include Schaumburg, IL, as well as two Project and Training Sites in Gardena, CA, and Brownsburg, IN. The vision for all Sandvik Coromant Centers, including the new Mebane location, is that they are permanent trade shows, where visitors will get the same immersive, state-of-the-art experience at all locations.

www.sandvik.coromant.com

Bonfiglioli

CELEBRATES 40 YEARS IN THE UK

This year marks the 40th anniversary of the establishment of the first subsidiary of Italian drive specialist Bonfiglioli Riduttori in the UK. A good reason to celebrate, as Bonfiglioli’s development in the UK over the 40 years has been a true success story.

Today, Bonfiglioli UK’s 2,400 m² facility is located in Warrington, near Manchester, and is one of 21 commercial branches worldwide. As a wholly owned subsidiary of Bonfiglioli S.P.A., Bonfiglioli UK Limited is responsible for all sales activities of the Mobility & Wind (M&W) and Discrete Manufacturing & Process Industries (D&P) as well as Motion & Robotics (M&R) business units in the UK. Today Bonfiglioli UK is 23 employees strong and generated sales of £34m in the last financial year.

In the UK, all the business areas of the Bonfiglioli Group are represented. The D&P business area is active in many mechanical engineering sectors, among others, and also offers



the right solutions for almost all industrial applications. A very extensive product portfolio ranging from precision gearboxes to extremely powerful large planetary gearboxes is the basis for further growth. The M&W business unit supplies many well-known manufacturers of mobile construction machinery, cranes, and agricultural applications. In addition to hydraulic applications, Bonfiglioli accompanies the market in the electrification of these machines, doing pioneering work that demonstrates the company's innovative strength. In azimuth and pitch drives for wind turbines, Bonfiglioli has a global market share of around 35% and therefore rightly considers itself the market leader. The M&R business unit rounds off the drive portfolio with its high-performance frequency inverters and servo controllers. In the market, Bonfiglioli has built up a reputation as a reliable partner for complete drive systems with its broad product range.

The UK is an economically important market for Bonfiglioli. This is another reason why the 40th anniversary is a very special date for the company.

www.bonfiglioli.com

EMUGE-FRANKEN and GROB

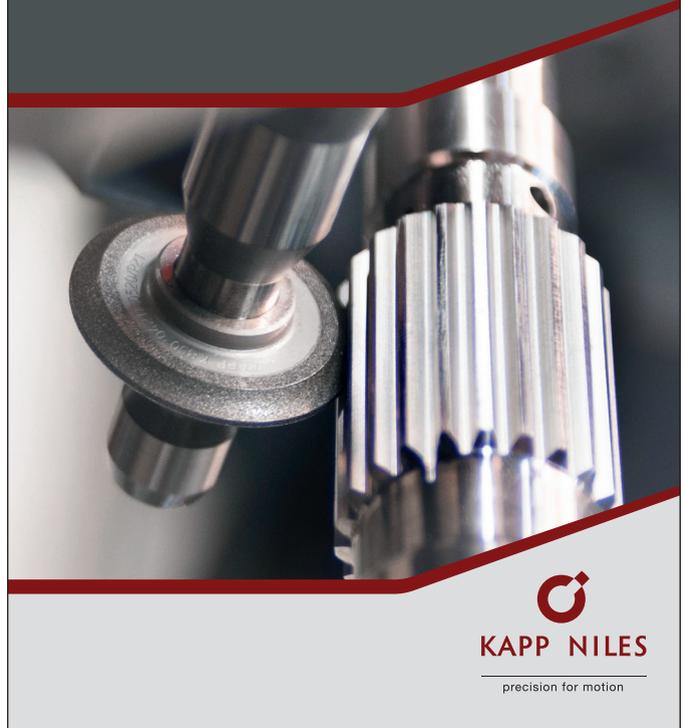
ANNOUNCE STRATEGIC PARTNERSHIP

EMUGE-FRANKEN USA and GROB Systems, Inc. recently announced that the two industry leading companies have formed a strategic partnership. The synergistic alignment of EMUGE-FRANKEN, a high-performance cutting tools manufacturer, and GROB, a highly-innovative CNC machining centers manufacturer, provides powerful, advanced 5-Axis solutions, expertise and support.

Commencing the new partnership, a GROB G350T 5-Axis Universal Mill-Turn Machining Center was recently installed in the EMUGE-FRANKEN Technology Center in West Boylston, MA — a new manufacturing, research and development facility for North American manufacturers, designed to be a resource for applying cutting tool application strategies. To further reinforce the new partnership, a GROB application engineer

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is located and available onsite at EMUGE-FRANKEN to work together with EMUGE-FRANKEN engineers to develop turn-key 5-Axis solutions, perform customer application test cuts, conduct machining demonstrations and more.



Left to right: Bob Hellinger and Kevin Gadde.

“We are pleased to announce our strategic partnership with GROB in North America,” said Bob Hellinger, president of EMUGE-FRANKEN USA. “It is a powerful and natural alliance, as both our family-owned companies already have a strong relationship in Germany where worldwide headquarters are located for GROB and EMUGE-FRANKEN. We look forward to building on each other’s strengths and optimizing challenging 5-Axis mill-turn applications for industries such as aerospace, medical, energy and automotive.”

“We invite manufacturers to bring application challenges to us for programming support, test cuts and efficient, comprehensive solutions. By working together, GROB’s world leading 5-Axis technology and EMUGE-FRANKEN’s advanced cutting tool technology produces highly efficient results such as Autonomous Automated Lights-Out Machining,” said Kevin Gadde, GROB key account manager. “The new partnership also gives customers the opportunity to see demonstrations of powerful machining solutions for demanding aerospace, die and mold, production machining and more at technical seminars and events in West Boylston.”

The EMUGE-FRANKEN Technology Center allows manufacturers to test new machining concepts and tools without tying up their own valuable machines and manufacturing hours. Actual machining processes are replicated and new tooling and application parameters are developed along with complete documentation. In addition, adjacent to the Technology Center, complementary training sessions and seminars are offered in an interactive classroom.

Aerospace manufacturers, as well as those with other

demanding 5-Axis mill-turn applications, can collaborate with EMUGE-FRANKEN and GROB to optimize their parts and components on the high productivity, compact GROB 350T together with the full line of EMUGE-FRANKEN cutting tool solutions ranging from taps, thread mills and end mills, to carbide drills, tool holders, precision workholding/clamping devices, and other rotary cutting tools.

www.emuge.com

Mazak

MPOWER OFFERS COMPREHENSIVE MACHINE TOOL SERVICE AND SUPPORT

With the launch of its new MPower customer support program, Mazak takes complete customer care to the next level, giving manufacturers the tools they need to achieve their business goals and ensure continued success. With MPower, Mazak customers gain fast and accurate replacement parts ordering and service scheduling along with direct, real-time access to Mazak for a multitude of support benefits. Those include expert technical service through the company’s Remote Assist Services and on-demand training with its Learning Management System in addition to local support from a network of Technology and Technical Centers and Mazak’s cost-effective Spindle Rebuilding Services.



Through Mazak’s eight Technology Centers and five Technical Centers located throughout North America, the MPower program also gives customers convenient and local access to additional support. The centers are a place for advanced applications support, education and training, new technology demonstrations and special manufacturing events.

According to Mazak President Dan Janka, MPower is Mazak’s single-source, end-to-end customer support that it provides for the life of every machine. “The program helps shops save even more time and money in terms of service and support,” he said, “and it demonstrates our true commitment to customers and shows that Mazak is with them every step of the way, fully invested in their success.”

To streamline replacement parts ordering, MPower enables shops to digitally connect with Mazak and view an online image of the part along with its price, then easily place an order from Mazak’s inventory of more than 500,000 unique part numbers in stock and receive next day delivery. In the

near future, shops will be able to simply pull up their specific machine model and serial number, and Mazak will cross reference the part number to ensure the correct replacement. This information can be obtained currently with one phone call.

For machine service, shops can now log on to the new My Mazak service portal in real time to access account information, open a work order, check the availability of the next service technician or resolve the issue over the phone with tech support. When an in-person service call is scheduled, shops can check on the status of an existing work order or track when to expect the service technician to arrive.

Time is money for today's manufacturers, and Mazak's Remote Assist service shortens the mean time to repair and reduces the costs associated with in-person field service calls. Once a customer downloads a simple mobile or web app, a technician (located at one of Mazak's Technology Centers, Technical Centers or at its Florence, Kentucky-based headquarters) can then interact with the shop's connected devices to send specific work instructions and communicate with the shop just as in a face-to-face service call.

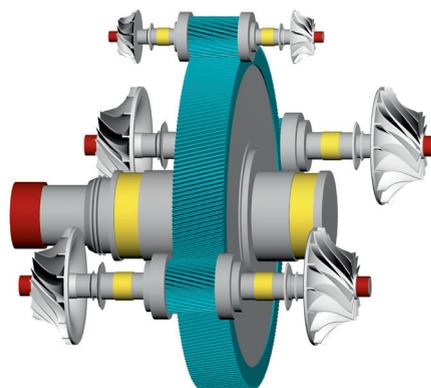
When a machine repair requires parts, shops can also use Remote Assist to identify the correct replacement so Mazak can ship it to a field service technician for direct installation. This process eliminates an in-person diagnostics visit before the parts order, saving an average of two days of downtime. In addition to combining diagnostics and part orders into a single virtual visit, Mazak's Remote Assist offers three-way connections that let service technicians collaborate on solutions with other experts.

Because spindles are the heart of every machine tool, Mazak's Spindle Rebuild Department offers customers fast and precise spindle rebuilding services under the MPower umbrella. The department has the ability to refurbish over 700 machine spindle variations drawing from a more than \$54 million dedicated spindle inventory. Once rebuilt, spindles are warrantied for one year or 4,000 hours.

Mazak's on-demand Learning Management System allows users to custom-tailor training programs, select subject matter from over 100 multi-level courses and schedule classes for times that suit their schedules, especially when in-person instruction becomes impossible or inconvenient. Through MPower, the system makes essential courses accessible on demand to shops anytime, anywhere.

The Learning Management System offers online instruction and virtual experiences that provide all the engagement of in-person instruction with the same standards of results. It also enables Mazak to customize its course offerings and subject matter to meet customer requests and adapt classes to suit learning levels. This ensures that shops always have access to exactly the right classes that will empower their teams to do more.

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