

Emuge

INTRODUCES U.S. TOOL RECONDITIONING SERVICES

Emuge Corp. has introduced tool grinding and reconditioning services based out of the company's North American headquarters in West Boylston, MA. A clean, new state-of-the-art manufacturing facility at Emuge Corp. is now equipped with the latest technology high precision CNC grinding machines and inspection equipment, providing tool reconditioning for U.S. and Canadian customers for Emuge taps, drills and end mills, in addition to other brands of carbide drills and end mills.

"Reconditioning Emuge tools by Emuge makes sense," said Bob Hellinger, president of Emuge Corp. "Emuge has the knowledge and manufacturing expertise to refurbish an Emuge tool to its original condition and specification, providing maximum performance levels, predictable operation and longer life than any other method, all at a modest investment for the utmost value."



Emuge reconditioning services offer complete inspection and evaluation of all tools received. Reconditioning services include complete regrinding to the original geometry of Emuge taps, drills and end mills, as well as other brands of drills and end mills. Reconditioning services also include corner radius, Weldon flats and other modifications to standard end mills, and PVD coatings through a state-of-the-art coating system. All reground tools are delivered with a detailed report on services rendered. (www.emuge.com)

Seco/Vacuum Technologies

APPOINTS NEW VICE PRESIDENT OF SALES

Seco Vacuum Technologies, LLC is pleased to announce the appointment of **William (Bill) Warwick** to the position of vice president — sales. Warwick will be responsible for sales of capital equipment, spare parts, and aftermarket services throughout North America.

Warwick has extensive knowledge in vacuum technology, most recently holding the position of product manager at Schunk Carbon Technologies, LLC. He holds degrees in business management and environmental protection and has focused his career in sales, support and service of vacuum related products in the brazing, heat treating, and sintering industries.

Warwick joins a talented team of technical specialists selling and supporting both standard and custom vacuum furnaces for this new company of the Seco/Warwick Group. (www.secovacusa.com)



Bourn & Koch

ACQUIRES DIAMOND TECHNOLOGY INNOVATIONS

Bourn & Koch has acquired Diamond Technology Innovations (DTI), headquartered in Olympia, Washington, manufacturer of waterjet orifices, nozzles, and related products and services.

"The acquisition of Diamond Technology Innovations enhances Bourn & Koch's existing business in machine tool consumables and spare parts and provides an entrance into the waterjet market," explains Terry Derrico, president of Bourn & Koch. "Waterjet is one of the faster growing segments within the machine tool industry. We are excited to partner with the talented team at Diamond Technology Innovations and believe that both companies' employees, suppliers, and customers will benefit from this combination."



Ted Jernigan, president of Diamond Technology Innovations, commented, "We are pleased to have found a long-term home for the company and are excited about the opportunities that will result from this transaction." Jernigan will continue at Diamond Technology Innovations in his role as president and the company's day-to-day operations will not be impacted by the transaction.

Waterjet technology is capable of cutting a virtually limitless range of materials such as carbon fiber found in aerospace wing panels; glass and steel up to a foot thick; soft materials such as automotive headliners; tissue paper; and even food products such as chicken, cakes, and pickles. This is accomplished via an ultrahigh-pressure pump that generates a 94,000 psi stream of water which is then converted into velocity via a specially-engineered jewel orifice that produces a coherent jet stream to cut soft materials with pure water alone, or in combination with abrasive to cut hard materials. While the orifice is often times the most overlooked waterjet component; without it, the entire system would fail to function, making waterjet orifice design critical to waterjet cutting performance. (www.bourn-koch.com).

GMTA

PROMOTES KNOY TO VICE PRESIDENT

Walter Friedrich, president of GMTA (German Machine Tools of America) recently announced the promotion of **Scott Knoy** to vice president for the company. Knoy joined GMTA on July 1, 2005, back when the company was known as American Wera. Since then, Knoy has played a large role in the growth of the organization. Knoy was particularly instrumental in helping GMTA secure a "Global Purchase Agreement" with General Motors, according to Friedrich, who made the announcement from the company headquarters in Ann Arbor, Michigan.



"Scott has also played a key role in keeping the business running smoothly, especially during the last several years, as we've opened our facility in Mexico and I've been working in Mexico to support this effort," Friedrich observed. The GMTA Mexican facility in Queretaro is now fully functional, with plans for expansion already in the works.

As a sign of appreciation and a move for the future, Friedrich spoke with the GMTA board of directors at this year's IMTS and they agreed to offer Knoy the position of vice president at GMTA.

Speaking about the promotion, Friedrich said, "Between myself as the president and Scott as our vice president, we will continue to expand our market share, our products and technologies, plus our great customer relationships and service offerings."

Knoy comments, "I'm honored to accept the new responsibilities and to continue contributing to the growth of our company. Gears and the auto industry are in my blood, as my dad was in the business and I literally grew up around gear machines."

Knoy will continue to oversee the sales and marketing of the company, in addition to other administrative duties at the Ann Arbor headquarters. Knoy is also very active with AGMA, the gear association. He is a graduate of the University of Michigan and also holds an MBA. (www.gmtamerica.com)

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Drake Manufacturing Services Co.

APPOINTS DIBBLE DIRECTOR OF SALES IN NORTH AMERICA

Drake Manufacturing Services Co., LLC has appointed **Bruce L. Dibble** as director of sales in North America.

Dibble is responsible for managing Drake's North American sales efforts and serving as advocate for its customers and prospective customers.

With many years of experience in the machine tool industry as former director of North American sales at Schmitt Industries, he understands the importance of solid customer relationships and collaboration for successful project execution.

Timothy Young, Drake CMO, states, "We are pleased to have Bruce on the Drake team to expand and support our precision thread grinding solutions in the steering systems, aerospace, cutting tool, speed reducer, ball screw and linear motion industries." (www.drakemfg.com)



Sandvik Coromant

BECOMES DMG MORI PREMIUM PARTNER

Cutting tool and tooling systems specialist Sandvik Coromant has signed an agreement to become a premium partner of leading machine tool manufacturer DMG MORI. The deal, which makes Sandvik Coromant the only tooling manufacturer to be named as a DMG MORI Premium Partner, will further strengthen the relationship between the companies on a global scale. Machine shops around the world will benefit from the combined knowledge and experience of the two market leaders.

As a DMG MORI Premium Partner, Sandvik Coromant will work with the machine tool builder on a wide-range of initiatives, including R&D and engineering, open house events, trade show appearances, technical seminars, website collaboration

and the DMG MORI Journal. Specifically, the agreement will give users of DMG MORI machines access to the turning, parting and grooving, threading, milling, drilling, boring and reaming tools from Sandvik Coromant, as well as tooling systems and the company's extensive range of knowledge, industry solutions and services.

"This agreement confirms our position as one of our industry's true premium and forward-looking companies," said Klas Forsström, global president of Sandvik Coromant. "As we join forces with a leading machine tool builder, for example, on turnkey projects, we take an active role in advancing technology for the industry." (www.sandvik.coromant.com)

Samputensili

APPOINTS GEAR TECHNOLOGY MANAGER

Samputensili recently announced the recent appointment of **Dr. Ing. Deniz Sari** to the newly created position of gear technology manager for Samputensili and its joint-venture Star SU. In his new role, Sari will analyze all best practices coming from Samputensili and Star SU manufacturing plants around the world combine them and optimize all production processes from design to shipping, not only from a technical, but also from an organizational point of view. In this sense, he will be responsible for supporting the international sales structure by developing solutions, systems and synergies across the company, and helping to establish seamless consumer experiences worldwide.

"As our organization continues to expand and evolve worldwide, talented professionals like Deniz help us grow and strengthen our position on the market," said Teodoro Ceglia, general manager of Samputensili Cutting Tools. "In particular, Deniz's extensive experience with production processes, technological solutions and industry experts will make our training programs stronger and more valuable for our customers who attend."

"Aachen University and the WZL represent state-of-the-art education and process development in gear manufacturing technology. We are very pleased to have Deniz Sari become part of our global gear technology team to help us develop gear manufacturing technology for the next generation," said David Goodfellow, president of Star SU LLC.

Born in Aachen, Germany, Sari holds a diploma degree and a doctoral degree in mechanical engineering from the RWTH Aachen University. After his study, he has worked first as a researcher, then as the leader of the Gear Manufacturing Group of the WZL of RWTH Aachen University.

"I am excited to join the company in a position where I can share my knowledge and skills," said Sari. "After working for the WZL of RWTH Aachen University, I look forward to putting my experience to work and implementing best-in-class systems across the company, including a strategic focus on the innovation of gear cutting tools, which will help customers grow their profits and efficiency." (www.star-su.com)



(Left to right) Dr. Masahiko Mori, Klas Forsström, Christian Thönes, Björn Roodzant, and Sean Holt.



Best Carbide Cutting Tools

JOINS CERATIZIT GROUP

Best Carbide Cutting Tools, LLC has joined global carbide specialist, Ceratizit Group. Through this partnership, Best Carbide will have access to Ceratizit technologies and expertise that will help the company to improve its manufacturing process, technical capabilities and quality of tooling with the goal of ultimately adding greater value for customers.

For the first time in its 37-year history, Best Carbide becomes part of a global cutting tool organization. This will have a substantial benefit for Best Carbide's stability, growth, and advancement. The agreement is a win for both companies. Best Carbide Cutting Tools, LLC will continue to operate as it has in the past and honor all existing customer and vendor relationships moving forward, but now with full support from the Ceratizit Group. (www.bestcarbide.com)

DMDII

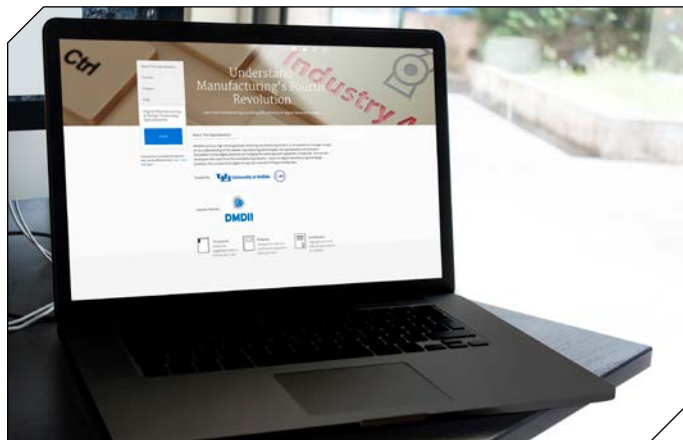
OPENS ONLINE DIGITAL MANUFACTURING COURSES

Enrollment has opened for the first three online courses of a 10-course "101" series focused on harnessing data to make American factories more efficient and competitive.

Developed in partnership with the University at Buffalo (UB) under coordination of The Center for Industrial Effectiveness (TCIE), Digital Manufacturing and Design Technology launches on Jan. 30. The massive open online course (MOOC) curriculum includes 40 hours of instruction, assessments, peer interactions and a final project.

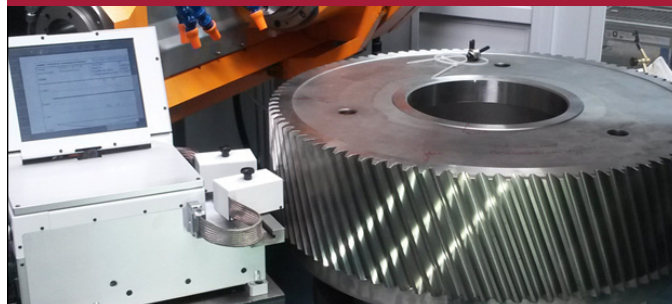
Developed for both students and workers, the series will introduce a broad range of digital manufacturing and design technologies, and demonstrate how they can be used throughout a product's lifecycle.

TCIE designed the curriculum alongside industry partners, including Siemens PLM, SME, the Association for Manufacturing Technology, Moog Inc. and Buffalo Manufacturing Works. Its development was funded with a \$380,000 award from the Chicago-based Digital Manufacturing



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and Design Innovation Institute, a UI LABS collaboration. (UI stands for university and industry.)

“Workforce development is critical to maintaining American manufacturing competitiveness,” said Caralynn Nowinski Collens, CEO of UI LABS. “It is also important that the collaborative knowledge DMDII gains through university, industry, startup and government collaboration reach as many people as possible.”

The course modules will introduce digital manufacturing and design technologies, which use data to connect and improve each stage of the manufacturing process. For example, one module will explain how to upgrade legacy machines so they capture information about their production and performance. Another module on cyber-physical security will cover how to ensure these internet-connected devices are protected from hacking.

After completing the series, known as a “specialization,” participants will earn a certificate in digital manufacturing and design.

“For decades universities and factories were worlds apart, but the speed of innovation is drawing them closer and closer,” said Liesl Folks, dean of the UB School of Engineering and Applied Sciences. “Creating a first-of-its-kind, impactful curriculum on digital manufacturing is an important step in strengthening and retraining our manufacturing employment base.”

The courses will be offered on Coursera, the world’s largest platform for MOOCs. Individual course content, including videos and readings, can be accessed at no cost; the fee to enroll in the series, with access to all assignments and the opportunity to earn a specialization completion certificate, is \$49 per month. (www.coursera.org/specializations/digital-manufacturing-design-technology)

Grind Master

ACQUIRES SPMS EUROPE

Grind Master recently announced the acquisition of SPMS Europe. SPMS is a French machine tool builder since 1974



with a strong technology focus in the European automotive industry. With 500+ global machine installations, the product range includes specialized superfinishing machines for automotive transmissions, deep fillet rolling for crankshafts, specialized grinding machines for cylinder head and cylinder blocks, centerless superfinishing machines and various deburring solutions. SPMS has been a supplier for Renault, Peugeot, CITROEN, Fiat, Ford, Jaguar and Volkswagen.

This alliance strengthens the position of both partners with an expanded range of global products and services. SPMS equipment complements Grind Master NANOFINISH range of microfinishing and superfinishing machines. Grind Master’s strong presence in India and China also complements the strong European base for SPMS.

Grind Master now has solid operations in India, China and Europe with a strong collaboration in the United States. (www.grindmaster.co.in)

LMI Aerospace Inc.

FILLS TWO EXECUTIVE POSITIONS

LMI Aerospace Inc. has appointed Jay Inman as president of engineering services, a role he had been serving on an interim basis since September 2016. The company also has named Keith Schrader as vice president of operations, overseeing its aerostructures operations and supporting functions. Both positions are effective immediately and they will report to LMI Chief Executive Officer Dan Korte.

“Jay and Keith distinguished themselves as leaders in their respective organizations as we navigated through key executive vacancies in the second half of 2016,” Korte said. “This time gave us the opportunity to take a closer look at our leadership structure as we continue to focus on developing talent from within and managing our business more efficiently. An added benefit of these organizational changes is cost savings, allowing us to balance how we run the business while making the necessary investments in our operations and infrastructure to be ready for anticipated production ramp-ups starting this year.”

Schrader previously served as vice president and general manager of the Assembly & Machining Center of Excellence (COE), one of two aerostructures COEs that reported to a chief operating officer, all roles the company has eliminated. In his new role, Schrader will lead a consolidated operations organization comprising all of the company’s assembly, machining, fabrication, composites and processing sites, as well as operational support functions including supply chain management; manufacturing engineering; quality and environment, health and safety.

With Inman’s promotion, the company has eliminated the role he previously held as engineering services chief operating officer. (www.lmiaerospace.com)