

Liebherr and Wenzel

ANNOUNCE SALES AND SERVICE AGREEMENT FOR NAFTA

Liebherr Verzahntechnik GmbH, (LVT) Kempten, Germany, recently announced that Liebherr Gear Technology, (LGT) Saline, MI, will be the sole sales and service source for Wenzel GearTec (WGT) gear inspection machines and software for the NAFTA region effective immediately. The announcement was made by Dr. Christian Lang, LVT managing director and Frank Wenzel, WGT owner at the IMTS exposition in Chicago.



Dr. Christian Lang, Liebherr and Frank Wenzel, Wenzel GearTec at the IMTS exposition in Chicago.

LGT will import the Wenzel machines directly from the Wenzel GearTec factory in Karlsruhe, Germany, according to Frank Wenzel.

Gary Chatell, LGT president, said that Liebherr will provide full service support for all Wenzel machines currently installed in North America, including calibration services, training, parts, and applications assistance. Felix Scholz, service manager at LGT, will be adding dedicated staff to provide this customer support.

The agreement by Liebherr and Wenzel will result in improved service to customers in the market. Wenzel products cover applications from automotive, truck, off highway up to construction equipment and energy ranging up to workpiece diameters of 1600mm. "This combination of the Wenzel gear inspection capabilities with Liebherr gear generation technology offers gear manufacturers a highly capable single source for advanced parallel axis gear production and inspection technology," said Scott Yoders, LGT vice president of sales.

(www.liebherr.com)

MPIF

RELEASES POWDER METAL STANDARD, ANNOUNCES CALL FOR PAPERS

The 2018 edition of Metal Powder Industries Federation's (MPIF) Standard 35-MIM – Materials Standards for Metal Injection Molded Parts has been released. This standard is a must-have document and provides the design and materials engineer with the latest engineering property data and information available in order to specify materials for components made by the metal injection molding (MIM) process. Each user-friendly section of the standard is clearly distinguished by easy-to-read data tables (Inch-Pound and SI units) and provides explanatory information for each material listed. Revised and expanded, this standard was developed by the metal injection molding (MIM) commercial parts manufacturing industry and includes new data for low alloy steels, MIM-4605 (HIP'D quenched & tempered) and stainless steels, MIM-17-4 PH (H975), and MIM-17-4 PH (H1025). This standard does not apply to materials for PM structural parts (SP), PM self-lubricating bearings (SLB), or powder forged (PF) products which are covered in separate editions of MPIF Standard 35.



In related news, an official call for papers and posters has been announced for POWDERMET2019, International Conference on Powder Metallurgy & Particulate Materials, to be held June 23–26, 2019, in Phoenix, Arizona. Topics include: Design & Modeling of PM Materials, Components & Processes, Particulate Production, General Compaction & Forming Processes, Powder Injection Molding (Metals & Ceramics), Pre-Sintering & Sintering, Secondary Operations, Materials Refractory Metals, Carbides & Ceramics, Advanced Particulate Materials & Processes, Material Properties, Test & Evaluation, Applications and Management Issues.

"The technical sessions provide the opportunity to stay current with today's technologies, but more importantly, the open

sessions support learning to better prepare for future business improvements and growth opportunities,” said Arthur “Bud” Jones, Symmco, Inc., and long-time conference attendee. “I have been able to apply what I have learned at this event to gain and improve business many times.”

Additionally, an official call for papers and posters has been announced for the conference AMPM2019, Additive Manufacturing with Powder Metallurgy, June 23–26, 2019 in Phoenix, Arizona. This leading North American metal additive manufacturing (AM) conference will take place in the heard of Phoenix in the Sheraton Grand. Manuscripts are required, and qualified manuscripts will be eligible for the Metal Additive Manufacturing Outstanding Technical Paper Award. Topics include: Materials, Applications, Technical barriers, Process economics and New Developments.

“Presenting cutting-edge R&D at AMPM conferences, one of the world’s leading forums on metal additive manufacturing, provides a unique opportunity for technology transfer between peers,” said Joe Strauss, president, HJE Company, Inc., and former AMPM conference co-chair.

Submissions will be accepted through November 9, 2018.

(www.mpjf.com)

Gear Motions

ANNOUNCES NEW DIRECTOR OF OPERATIONS AND CORPORATE CONTROLLER

Gear Motions announces long-time employee **Dan Bartelli** has been promoted to director of operations of Nixon Gear, and **Anna Pastore** has been hired to the position of corporate controller.

This year Dan Bartelli is celebrating his 30th anniversary with Nixon Gear, a division of Gear Motions. This notable anniversary also comes with a well-deserved promotion; Bartelli has recently been promoted to director of operations.

Bartelli began his career at Nixon Gear in 1988 as a machinist where he distinguished himself as a quick learner and hard worker. He worked in a number of departments, and before long was promoted to lead machinist. From the shop, Bartelli moved to customer service where he demonstrated a natural talent for outstanding customer care. It was here that Dan established his skill for scheduling and planning and was promoted to master scheduler. In 2010 Dan was promoted to manufacturing manager and most recently to director of operations.

In his new role, Dan is responsible for all Nixon Gear Division Operations including manufacturing, quality, and engineering. He is an integral part of the management team,





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providing leadership and direction to the entire Nixon Team. With his guidance, the Team will continue to deliver high quality products, meeting and exceeding customer requirements and industry standards.

Additionally, Gear Motions recently hired Anna Pastore to join the company as corporate controller. Pastore brings a positive attitude and many years of finance and accounting experience to the team.

Pastore graduated with an MBA from Chapman University, and received an undergraduate degree from Lemoyne College. She previously served as director of finance for Cascade & Maverik Lacrosse, and vice president of finance of the produce and technology division at Agway. In her spare time, Anna serves on the Board of HumaneCNY Animal Shelter, and loves to travel. She is married, has two grown sons and a beloved dog.

Pastore is looking forward to using her experience and enthusiasm to grow the accounting department and help bring the company to the next level. (gearmotions.com)

GMTA's Profilator GmbH

MOVES TO NEW PRODUCTION FACILITY IN GERMANY

GMTA is pleased to announce that Profilator has moved to a modern production facility in Wuppertal-Vohwinkel, Germany. With adjoining office space for the company's administration and technical departments, the new building is 13,000 square meters (139,930 square feet) and triples the size of its past location. Profilator will use the new facility to design, manufacture, and sell the machine tools to the global marketplace.



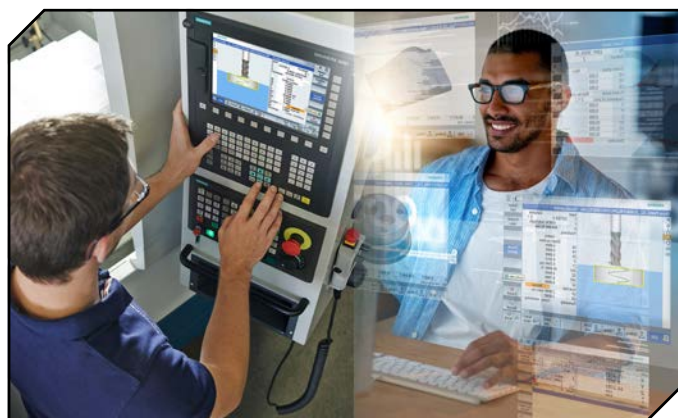
As of June 18, 2018, Profilator's physical address will be Zum Alten Rangierbahnhof 18, 42329 Wuppertal. The mailing address will be Postfach 11 01 52, 42301 Wuppertal.

June 17 was the last day of operation at the old facility and the Buchenhofenerstrasse 35 location was vacated. From June 18, all deliveries pick-ups, postal deliveries, as well as personal appointments on-site will take place at the new address. However, all clients will be able to reach their contacts at the same phone numbers and email addresses. (www.gmtamerica.com)

Siemens Industry, Inc.

OFFERS HANDS-ON AND ONLINE CNC TRAINING OPPORTUNITIES

CNC professionals from around the world are taking advantage of Siemens free training paths: hands-on and online. And the reason is clear. As an operator, you can gain the skills to maximize the output of your machine, increase your value to the business, and further your career. As an owner, you can skill up your staff to generate more shopfloor revenue. The means to control your future is in your hands.



"At the Siemens Technical Application Center, our goal is the education of CNC operators, programmers, and maintenance professionals," says Randy Pearson, technical application center manager for Siemens. "We aim to enhance and expand the knowledge and capacity of our students on SINUMERIK controls. If you want to become a power user, we have the courses for you. We also provide essential training to machine tool builders, importers, and dealers."

Through a team of knowledgeable Siemens instructors, you can gain first-hand experience working on the types of machines you will encounter in your own shop. A comprehensive schedule guides you on the journey from introductory classes through advanced 5-axis programming.

"Every month we provide level one courses on milling and turning," says Pearson. "Level two courses explore advanced G-Code programming, while level three focuses on multi-axis programming."

Classes are taught by Siemens machining experts, bringing a wealth of real-world experiences to bear, using several different teaching methods: SINUTRAIN PC-based classroom sessions, simulator-based classroom training and hands-on machining using industry leading brands.

In addition, service and maintenance classes are available to teach personnel how to perform PLC and drive diagnostics, check the topology of the system, commission, and troubleshoot the system.

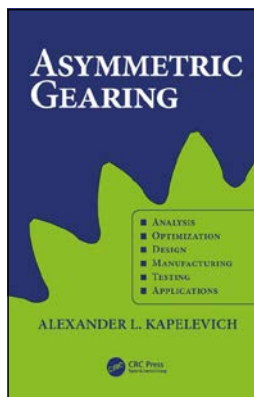
Getting to a Siemens training center may not always be possible for you. But you still have plenty of options. Live, online courses are presented monthly, which include insightful

question and answer sessions. Courses are archived and available on-demand, so you can access them anywhere, anytime. Our ever-growing CNC online learning resources are updated with new and fresh courses often. Plus, for larger groups, custom online training sessions are available. (usa.siemens.com/cnc4you.com)

Asymmetric Gearing

NOW AVAILABLE FROM CRC PRESS

Asymmetric Gearing (Hardcover; 271 pp.; CRC Press) by Dr. Alex Kapelevich, is now available for online purchase-at both CRC Press (\$149.95) and Amazon (\$140.46). Asymmetric Gearing discusses the history of asymmetric gearing systems stretching back to the 19th century. The book covers all aspects of asymmetric gear development from analysis to testing while also detailing real world applications and comparisons with competing symmetric gears. Kapelevich is a consultant at AKGears, LLC and a regular contributor to *Gear Technology*.



(www.crcpress.com/Asymmetric-Gearing/Kapelevich/p/book/9781138554443)

Röhme

ACQUIRES MASTER WORKHOLDING

Röhme Products of America Inc., has announced that it has acquired Master WorkHolding Inc. The acquisition enables Röhme to combine its 100 years of workholding experience with Master WorkHolding's 30 years of experience to deliver a truly complete range of standard and custom workholding products and automation solutions for all CNC equipment.

"With Master WorkHolding joining the Röhme team, we will be able to deliver even more comprehensive workholding and automation solutions," said Matthew Mayer, chief executive officer for Röhme Products of America. "Both companies have prioritized helping manufacturers obtain quality solutions that maximize productivity and throughput, and this acquisition will make it even easier for our customers to obtain the highest levels of efficiency in turning, milling, grinding and robotic applications."

Established in North Carolina in 1988, Master WorkHolding has specialized in the design and manufacture of custom prismatic workholding for manufacturers across the continent and around the world. Following the acquisition, the company will serve as Röhme's North American manufacturing entity and provide the company with prismatic clamping fixtures.

"This year marks Master WorkHolding's 30th anniversary, and we are thrilled to celebrate it with our merger with

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Röhm,” said Mike Powell, the company’s founder and president. “Together, we will be able to provide custom and standard lines of stationary and rotating workholding and automation, offering our customers a complete range of solutions.”



An active member of the Society of Manufacturing Technology (SME) and the Association of Manufacturing Technology (AMT), the latter of which he served as director, Powell has more than 40 years of experience as a strong supporter of the manufacturing industry. His company, which began as a two-man operation, is widely regarded as one of the premier workholding suppliers in the industry. Prior to the acquisition, the ISO 9001-2015-certified Master WorkHolding sold and delivered thousands of projects over the last 30 years. (www.rohm-products.com)

Bourn & Koch ANNOUNCES PERSONNEL CHANGES

Bourn & Koch, Inc. is pleased to announce that **Joe Goral Sr.** has accepted a new position within the company as business unit manager — grinding machine tools. Goral has worn many hats at Bourn & Koch. His first position with the company in 2013 was inside sales for the Bullard & King machine tool lines. He then served as technical support engineer, where he was responsible for successfully executing a new marketing strategy for Bourn & Koch machine tools. Most recently, he was the product manager for grinding machines at Bourn & Koch.



Bourn & Koch, Inc. of Rockford, IL, is pleased to report that **Rob Swiss** has recently joined the company as the national sales manager for gear manufacturing machinery. Swiss will be

responsible for the sales and support of all gear manufacturing equipment for Bourn & Koch. This includes the new gear machinery lines of Bourn & Koch brand horizontal gear hobbers; Bourn & Koch and Fellows gear shaper brands; as well as all in-stock and custom remanufactured gear manufacturing machinery. Swiss will also assist with the design and development of new gear manufacturing machinery for Bourn & Koch. (www.bourn-koch.com)



Gear Expo BECOMES MOTION + POWER TECHNOLOGY EXPO

The new Motion + Power Technology Expo (MPT Expo), formerly Gear Expo, has announced its inaugural event in October 2019. This unique trade show and conference, will bring 4,000 professionals looking for technical solutions from across the Mechanical Power Transmission, Fluid Power and Electrical Drive industries for three days of educational sessions, networking, and a full exhibit hall featuring industry leading companies. Motion + Power Technology Expo will take place at the Cobo Center in Detroit, MI, October 15–17, 2019 and is owned and operated by The American Gear Manufacturers Association (AGMA).



The new Motion + Power Technology Expo will feature 80,000 net square feet of space, and include 300+ exhibitors from across the supply chain including gear companies, machine tools suppliers and electric drive solutions. The National Fluid Power Association (NFPA) will be a co-sponsor of the show, and will host a 5,000 set square foot Pavilion within the show, featuring 50 exhibitors.

“We are excited to transform Gear Expo into the MPT Expo with our partners including the National Fluid Power Association (NFPA). This is much more than a name change; through MPT Expo, AGMA is transforming the legacy of Gear Expo to include solutions from the mechanical, fluid and electric industries,” said Matthew Croson, president, AGMA. “By creating a wider focus, exhibitors will have the opportunity to connect with more buyers from a wide variety of industries, and attendees will be presented with all three power transmission solution sets in one place. MPT Expo will be a great place to see and test out all of the latest advances in the industry.”

With such important industry partnerships like the one created with NFPA, both associations are dedicated to keeping a

technically-focused education program. Those in attendance will be offered a wide-ranging series of informative seminars taught by industry leaders and insiders. MPT Expo will be a convenient and affordable destination to advance one's knowledge of the industry, hone technical skills, and dive into the latest research and technical developments. Additional information about MPT Expo and new association partnerships will be released over the next few months.

Hundreds of companies have already signed up for exhibit space on the show floor, including industry leaders Timken Power Systems, Meritor, EMAG LLC, Gleason Corporation, Klingelberg, Kapp Group, Mitsubishi Heavy Industry America, and others. (www.agma.org)

AMB 2018 MEETS AND EXCEEDS EXPECTATIONS

The AMB 2018 trade fair closed its doors recently. "Exhibitors, visitors and, of course, Messe Stuttgart are very happy – the AMB trade fair was a complete success," Ulrich Kromer von Baerle, spokesperson for the management team, recently announced. "There was a lot to offer, especially with regard to digitalization in production," Kromer added. This was true from the Digital Way and the Showcases to the exhibitors' stands.

"We had 1,553 exhibitors over an exhibition space of what is now more than 120,000 gross square meters, plus 91,016 visitors. These are all record figures for the Stuttgart trade fair center," Kromer announced. "We have started drawing visitors from further afield: Eighteen percent of the visitors came from 83 countries to attend AMB in Stuttgart." According to Kromer, this success has confirmed Messe Stuttgart's intention to push ahead with expansion plans it has announced as part of its 2025 master plan, such as the construction of additional parking spaces, a new Hall 11 and a second convention center towards the west of the trade fair site.

"We are extremely happy with AMB 2018. We were in Hall 10 for the first time, and we were very impressed with our stand location," said Irene Bader, director of global marketing at DMG Mori. Bader was equally complimentary of the new AMB concept with a new distribution of stands in the halls. "The whole trade fair site was buzzing, and people were flooding in



from Entrance West, which was near to us, from 9 a.m. on the first day."

The quality of the visitors was also exceptional, according to Bader. After only three days, the number of quotations requested was far ahead of the previous AMB. Visitors to the trade fair mostly directed their questions towards topics that were focal points at the DMG Mori trade fair stand.

From September 15 -19, 2020, AMB will be celebrating its 20th trade fair. (www.messe-stuttgart.de)

AGMA PRESENTS DISTINGUISHED SERVICE AWARD AT FALL TECHNICAL MEETING

The American Gear Manufacturers Association (AGMA) presented Terry Klaves, retiree from Milwaukee Gear/Regal, with the AGMA Distinguished Service Award during the 2018 Fall Technical Meeting last week in Oak Brook, Illinois. This award is presented to someone who has demonstrated dedication and leadership for the advancement of the gear industry and AGMA, exemplified superior vision and exceptional knowledge that has been shared with colleagues and achieved admiration and respect of peers. "Terry is a true example of a gear industry steward that has

generously dedicated himself to the advancement of AGMA and its members," said Amir Aboutaleb, vice president of AGMA's Technical Division. "His leadership remains an intricate part of growing our technical department



and fostering the future of young gear engineers." Klaves began his career at Falk Corporation as a co-op student and completed his BS and MS degrees at the University of Wisconsin-Milwaukee. His long career took him to Milwaukee Gear in 2000 and was eventually promoted to Vice President of Engineering before retiring in 2017. His 45-year career continues through consulting and developing education and training courses and aiding in the AGMA mission. Most notably with AGMA, Terry was instrumental in the Epicyclic Committee, where he worked on AGMA 6123 including an annex on load distribution for floating planetary drives. Since joining the AGMA Technical Division Executive Committee in 2011, Klaves remains active on the Accuracy, Worm Gearing and Epicyclic committees. He also presented at the 2015 Fall Technical Meeting (FTM) on Advanced Mesh Analysis of Parallel Shaft Gearing and continues to contribute as a moderator. (www.agma.org)