

Addition of Robot Blasting Cell

ENABLES SHOT PEENING DEMONSTRATION



Steve Donohue (left), vice president of sales & marketing, pictured with Steve Byrnes (right), president of Guyson, announce the expansion of the company's engineering test laboratory to include a robotic pressure-blast system.

Guyson Corporation expanded its engineering test laboratory with the purchase of a robotic blast system to sustain application development work on customers' automated blasting projects and Guyson's contract finishing and surface preparation services.

"The investment, together with our advanced CAD/CAM-based software for off-line robot motion programming, will extend our lead in supplying engineered-to-order robotic blast systems to manufacturers of medical, aerospace and other components that require the highest degree of precision and repeatability in surface treatment," said Steve Byrnes, president of Guyson, to employees while unveiling the equipment.

The robot blasting cell enables the test lab to perform on-demand demonstrations of robotic surface finishing and shot peening processes. The programmed process routine for a particular component can be stored, recalled and repeated precisely anytime. A rotary table pressure-blast cabinet and a six-axis robot that manipulates the blast nozzle make up the system. The blasting cell constantly maintains a specified offset, angle of impingement and surface speed while following contours of complex-shaped components.

Guyson is making the cell available for certain contract finishing work, and the company hopes it will promote process development in partnership with customers. "Many of

our customers are in regulated industries or have rigid quality systems requirements; for example, shot peening of aerospace components to stringent specifications such as AMS-2432 to meet NADCAP AC-7117 audit criteria, or medical components processed in accordance with FDA guidelines in an ISO-13485 certified operation," says Steve Donohue, vice president of sales and marketing. "A fully functioning robotic blasting cell enables us to assist our partners with blast process validation, the elimination of non-conformities and the achievement of repeatable Six Sigma quality."

Gear Technology

RECOGNIZED BY BOEING FOR EXCELLENCE

The Silver Performance of Excellence Award was presented to Gear Technology of Newport Beach, CA by Boeing.

"We are proud to recognize the performance excellence of our suppliers, who have demonstrated that they are the best in the Boeing supply base," says Steve Schaffer, Boeing enterprise leader of supplier management and vice president and general manager of supplier management for Boeing Commercial Airplanes.

The annual award is based on product quality and delivery metrics over a twelve-month period and is given to a handful of worldwide suppliers. "Boeing is committed to developing, rewarding and retaining our top-performing suppliers who share our focus on first-time quality and on-time delivery," Schaffer says. "These high-level certifications represent our ongoing commitment to superior product quality, customer value and personal customer service."

Gear Technology manufactures gears for aerospace, military and commercial manufacturers around the world since 1986. The company was also recently awarded ISO 9001:2000 and AS9100B:2004 quality certifications by the International Standards Authority registrar. "Our integrated manufacturing processes, including sophisticated job tracking systems, ensures products are produced with careful attention to the most intricate engineering detail and product specifications," says Tom Marino, president of Gear Technology. "The company also offers gear blanking, engineering consultation and sophisticated inventory management services."

MIM Materials Standard Released

An addendum to the 2007 edition of MPIF Standard 35, "Materials Standards for Metal Injection Molded Parts," has been released. The additions include low-alloy steel specifications, a new MIM standardized material designation code, information, property data, chemical composition and data tables (both inch-pound and SI units) for the MIM-4140 quenched-and-tempered material.

The standard is posted on the MPIF website, at www.mpiif.org/Pubs/35_addenda.asp?linkid=81, as a free-access document until it is included in the next printed edition of the standard publication. The pdf may be copied and sent to design engineers and others who specify MIM parts.

Kapp

TAPS NORTHEAST SALES REP

Dwight Smith, of Cole Manufacturing Systems, Inc., was awarded a contract to exclusively represent Kapp and Niles products in New York, Michigan, Indiana, Northern Ohio, Pennsylvania and New Jersey. He previously worked with Kapp from 2001 to 2006.



Dwight Smith

Smith has a range of experience in gear manufacturing, metrology, analysis and project management. Since 1989, he has developed and presented gear training sessions, and he served as chairman of the AGMA handbook committee.

"We are delighted that Dwight has re-joined our sales team," says Bill Miller, vice president of sales at Kapp Technologies. "He is recognized and valued for his years of experience selling gear manufacturing machinery and metrology instruments as well as serving the American Gear Manufacturing Association in multiple capacities. He is a professional who enthusiastically commits himself to excellence in customer service."

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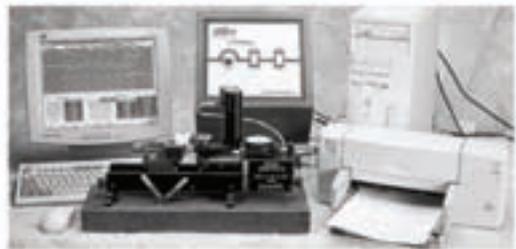
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AMT

SEEKING NEW LEADERSHIP

Following the resignation of Robert K. Simpson as president, the Association for Manufacturing Technology is pursuing new leadership. Simpson joined AMT in May 2008 and will be pursuing other interests.

“In these critical economic times, we are seeking a leader who will continue to guide AMT on its mission of serving our members’ needs and supporting the interests of the manufacturing technology community as a whole,” says Ronald F. Schildge, AMT chairman and president of Transmares Corporation. “The focus now for the AMT board of directors is to identify the president who will lead us to provide what our members need as they weather this global economic crisis, and who will continue to position AMT and its members to emerge even stronger.”

The interim AMT senior staff is in cooperation with the board of directors in overseeing ongoing programs and day-to-day operation. The board of directors is in the process of searching for a replacement president and hopes to name one shortly. “On behalf of the AMT Board of Directors, we would like to thank Bob for his service to AMT and the manufacturing technology industry,” Schildge says. “We wish him well in his future endeavors.”

PM Association

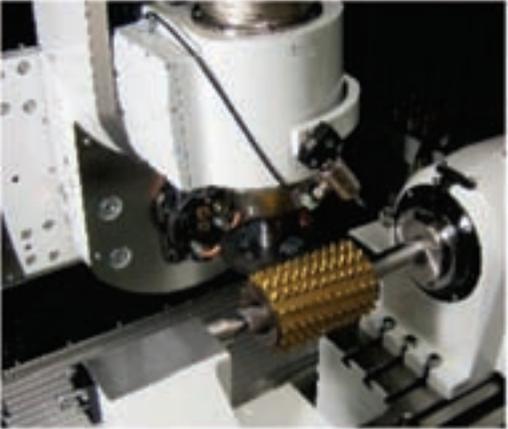
NAMES PRESIDENT

Richard Pfingstler, president of Atlas Pressed Metals in DuBois, PA, has been appointed president of the Powder Metallurgy Parts Association (PMPA), which is a member of the Metal Powder Industries Federation (MPIF) and represents major international manufacturers of



continued Richard Pfingstler

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Pfingstler has served on the MPIF finance committee and the PMPA board of directors. He is a CPA and earned his bachelor's degree in accounting from Gannon University. He is the principal owner of Atlas, which he first joined in 1980. The PMPA engages in market development, statistics, government relations, materials standards, professional education, industry safety and health, e-learning and technology transfer.

"The association serves to promote the wider use of PM parts and improve the quality of our products," Pfingstler says. "It is the champion of the industry rather than one company."

Skills Certification System

TARGETS HIGH UNEMPLOYMENT, UNFILLED MANUFACTURING JOBS

The Society of Manufacturing Engineers (SME) is partnering with the National Association of Manufacturers (NAM) and The Manufacturing Institute to create a skills certification system aimed at helping U.S. workers succeed in manufacturing jobs. The Manufacturing Skills Certification System will provide skills assessments, standardized curriculum requirements and portable credentials identified by manufacturers to assure them that new hires and existing employees have the core academic and workforce competencies required.

"At a time when millions of Americans face unemployment, manufacturing jobs with excellent salaries—and across all skill levels and sectors—are unfilled because of the lack of qualified applications," says John Engler, president and CEO of NAM. "Tough economic times call for clear pathways to skills in demand."

The Manufacturing Institute, a nonprofit subsidiary of NAM, is establishing and operating the system, which is

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based on the ACT National Career Readiness Certificate and includes certification programs required by various industry groups for entry level positions. Higher levels of practitioners are reinforced by the SME certifications for manufacturing engineers and for manufacturing technologists.

“SME has long been a proponent of building a high-skilled workforce using outcome-based assessments,” says Mark C. Tomlinson, SME’s executive director and general manager. “This system provides the framework to make it happen.”

Hansen

DELIVERS FIRST GEARBOX FROM CHINESE FACILITY



Hansen Transmissions announced the delivery of the first gearbox manufactured in the new facility in the Beichen Hi-tech Industrial Park, Tianjin, China. The delivery occurs six months after construction began on the 250,000 m² assembly and test facility, and it will be deployed in a 2.1 MW Suzlon turbine. The Tianjin facility is modeled after Hansen’s facility in Lommel, Belgium and will use the same manufacturing machines and processes.

“The delivery of this first gearbox from our Chinese
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facility, on time and on budget, represents another milestone for Hansen,” says Ivan Brems, CEO. “The facility in China will add to Hansen’s capabilities to supply high quality products in Belgium, India and China.”

Marposs

BUYS PROCESS MONITORING SUPPLIER

Marposs S.p.A. acquired ARTIS Gesellschaft für angewandte Messtechnik GmbH, a developer, manufacturer and supplier of in-process tool, process and machine condition monitoring systems as well as adaptive control apparatus. The German company’s products are used by manufacturers of machine tools in aerospace, automotive, heavy equipment and other capital goods industries.

“Working with Marposs represents a perfect opportunity for rolling out ARTIS’ products on a broader geographic scale via Marposs’ global distribution network,” says Hans-Georg Conrady, managing director of ARTIS. “I am looking forward to working with Marposs over the coming years to further grow the business, which I have been part of since 1992.”

“ARTIS offers cutting-edge solutions with large potential to be used in additional applications and by current and future Marposs customers on a global basis,” says Stefano Possati, president of Marposs. “Our goal is to grow in a solid and continued way both in our traditional and new markets. Purchasing quality companies with products that are complementary to those of Marposs is a tool that we will continue using, in addition to our strong activity in research and development inside the company.”

Sandvik Coromant

SUPPLIES PURDUE ENGINEERING LAB

In a recent collaboration with Purdue University’s School of Engineering Education, Sandvik Coromant has supplied



From left to right: Sandvik Coromant's Greg Wilson, Tim Taylor of Haas Automation, Jeff Huddleston and Eric Holloway of Purdue, and Mike Verkamp and Darrall Erb, both of Sandvik Coromant.

tooling solutions and services to the school's Ideas to Innovation (I2I) Learning Laboratory. The new, state-of-the-art lab is also a Haas Technical Education Center, and it will provide hands-on design experience to almost 1,700 first-year engineering students.

The partnership includes Purdue faculty and staff, Haas Automation and Quality Mill Supply, and Indiana-based industrial distributor. Sandvik is developing curriculum-based training in addition to providing tools to the lab.

"I2I is a collaborative, experiential learning environment that engages students by allowing them to develop and refine engineering skills for the real world," says Eric Holloway, director of instructional labs at Purdue. "Through our collaboration with Sandvik Coromant, students can become well versed in cutting tools and the solutions that will best enable them to take concept-level projects to the manufacturing stage."

The lab has seven studios specializing in design, demonstration, prototyping, electronics, fabrication, artisan and innovation. After planning, students can build, test and refine prototypes with a variety of machine tools. The I2I lab also features a 120-student classroom, 3-D rapid prototyping printers and a Microsoft Surface interactive multi-touch table.

Purdue will receive ongoing technical support in the machining labs, printed training aids, tooling software and live in-class presentations from Sandvik engineers as part of the partnership. Engineering faculty and staff will receive free training at Sandvik Coromant's metal cutting technology seminars.

"Sandvik Coromant was eager to collaborate with Purdue University in the development of the I2I Learning Laboratory," says Mike Verkamp, Midwest zone manager for Sandvik. "Educating tomorrow's engineering and technology workforce in advanced metal cutting practices will serve as a critical function to growing our nation's manufacturing

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Zeiss APPOINTS SALES VP



Andrew Sisler

Andrew Sisler has been appointed vice president of sales for Carl Zeiss. He will lead the business efforts and new business development in North America.

“I am excited that Andy has joined the Carl Zeiss team,” says Greg Lee, president and CEO of Carl Zeiss IMT. “He brings more than 20 years of distribution and technology leadership experience to Carl Zeiss

and will help us continue to grow our already strong presence in North America. His vast experience as a sales executive in B2B is another stronghold for Carl Zeiss in addition to his team-oriented approach and competitive drive.”

Sisler was previously vice president of sales and marketing for CRST Van Expedited, and he held various leadership positions at Bandag, Inc., including vice president of sales and support in addition to president of Bandag, Canada Ltd.

“I am very proud to be joining the Carl Zeiss team and being part of a successful, global company that is known for its long history of developing leading edge technologies and products,” Sisler says. “I am very enthusiastic about the products and look forward to contributing to the success of Carl Zeiss.”