

Ondrives Manufactures "Showcase" Gearboxes

Ondrives Ltd. of Chesterfield, U.K., manufactured two gearboxes for a pharmaceutical company's teaching purposes.

According to the company's press release, the client presented gearboxes to its current students to show how internal gearing works in both an epicyclical arrangement and spur reduction box. To show how these mechanisms work, gearboxes were made with a clear Perspex casing that allowed a good view of the meshing gear teeth.

On the spur reduction box, a ratio of 500:1 was chosen so that a number of different gears would be moving at the same time, showing the possibilities of this type of box in a high ratio.

Both gearboxes have been mounted on mahogany plinths so they can be preserved for posterity.



Bourn & Koch Expands

Bourn & Koch completed the addition of a new 20,000-square-foot warehouse and a new 20,000-square-foot, two-story engineering office building at its Kishwaukee Street site in Rockford, IL.

According to the company's press release, Bourn & Koch plans to improve the site through the fall of 2006. The company closed its Forest Hills Avenue site, which was acquired from Devlieg Bullard in 2004. The three million drawings of the portfolio of machine tools owned by Bourn & Koch are now secured on the 2nd floor of the new Kishwaukee Street engineering building.

Metal Powder Products Captures Design Excellence Award

The 2006 Powder Metallurgy Design Excellence Awards competition announced winners for outstanding new automobile engine and transmission parts made by the powder metallurgy process.

Sponsored by the Metal Powder Industries Federation, the competition showcased P/M's shape complexity, precision and



special engineering properties. Awards were presented at the MPIF Annual Automotive Suppliers' luncheon at the SAE 2006 World Conference.

A P/M aluminum bearing cap made by a division of Metal Powder Products Co. won the grand prize in the automotive engine category. Designed originally for P/M, two caps are used in GM's new high feature V6 engine. It operates in the Cadillac CTS, SRX and CTX, Buick LaCrosse and Rendezvous and Saab 9-3 and is the first dual-overhead cam engine using a single cam cap across both camshafts, according to the company's press release.

Made to net shape, the multiple level part has a tensile strength of 17,000 psi and a hardness range of 85-90 HRH.

The Broachman Joins American Broach

Ken Nemeck, a.k.a. "The Broachman," joined American Broach & Machine as the new marketing manager.

According to the company's press release, Nemeck's primary responsibilities include building and coordinating a team of sales representatives, developing marketing plans, coordinating exhibit-related activities for IMTS and other regional shows as well as all other marketing activities.

Mahr Acquires Helios Messtechnik

The managing directors of Mahr Group signed an agreement for the company to acquire Helios Messtechnik GmbH & Co. KG.

The new corporation, Mahr Helios, will extend the Mahr Group's product portfolio in the field of shaft measurement. With the acquisition of Helios, the Mahr Group enhances its existing product range in horizontal length measurement with the brands SIP and Helios, as well as in the field of optical and tactile shaft measurement with the brands Helio-Pan and Helio-Scope.

A first combined exhibition occurred at Control 2006, the international trade fair for quality assurance in Sinsheim, Germany.

Helios Messtechnik has a workforce of 75 employees and expects sales of about 10 million euros in 2006. The operating company is located in Dörzbach, Germany, and specializes in the fields of optical (non-contact) and tactile (contact) shaft measurement, as well as in precision gages.

The Helios Messtechnik GmbH & Co. KG acquisition complements Mahr GmbH Esslingen (precision gages) and Mahr GmbH Göttingen (precision length metrology and form and position tolerance testing). Thomas Keidel and Stephan Gais will act as managing directors of the newly formed corporation.



Randy Whitt

Schafer Gear Appoints General Manager

Schafer Gear Works appointed Randy Whitt as general manager of its South Bend production facility, with responsibility for the company's entire manufacturing operation, including engineering, quality assurance and scheduling.

Whitt was previously project manager for Federal Mogul's piston operations in South Bend, IN. Prior to that, he was plant manager of Federal Mogul's manufacturing facility in LaGrange, GA.



Emuge Opens New Manufacturing Center

Emuge Corp. moved to its new North American headquarters in West Boylston, MA.

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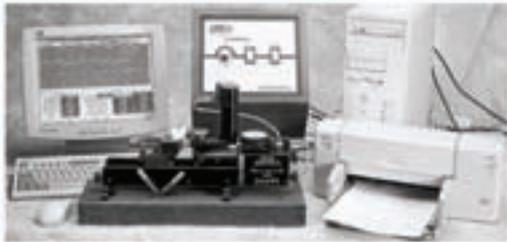


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According to the company's press release, the new 21,000-square-foot facility was custom designed with a technology center featuring a new Hermle 5-axis CNC machining center and an adjoining classroom/auditorium. The new facility will stock the complete line of Emuge products and house production manufacturing, engineering and application support. The building is strategically laid out for future manufacturing and expansion. The company plans to utilize the new facility to host future thread cutting, milling and workholding centers.

American Axles Breaks Ground for Chinese Facility

American Axle and Manufacturing broke ground for its Changshu Gear & Axle facility in Jiangsu Province, China.

According to its press release, the company acquired land use rights for 30 acres in an industrial park in the city of Changshu for the construction of a state-of-the-art, 180,000-square-foot, wholly owned manufacturing plant for its driveline systems. Products scheduled for manufacture include independent rear drive axles, power transfer units, integrated oil pan front axle module and driveshafts for Ssang Yong Motors, Beijing Benz DaimlerChrysler, General Motors and additional OEMs.

William A. Smith was appointed plant manager to oversee construction, build the organization and launch the product. Approximately 350 engineering and manufacturing positions will be created.

"We are extremely pleased to celebrate the ground breaking for AAM's first regional manufacturing operation here in Changshu, China," says Richard F. Dauch, AAM's executive vice president of worldwide manufacturing. "China and Asia represent a large and growing market that we intend to serve with AAM's latest technology products, processes and systems."

Wall Colmonoy Appoints Business Development Manager

Morris Warino was appointed business development manager for Wall Colmonoy Corp. of Oklahoma City, OK.

According to the company's press release, Morris was national sales manager for a manufacturer of industrial process instrumentation for 17 years.

Among his new responsibilities will be identifying new opportunities for WCC, Oklahoma City.



Morris Warino

AGMA

Announces New Board of Directors



Stan Blenke

The American Gear Manufacturers Association announced the 2006 board of directors at its annual meeting in March.

Stan Blenke, executive vice president of Schafer Gear Works, is the new AGMA chairman.

Rick Fullington, president of Milwaukee Gear Co., is the new vice chairman. Dennis Gimpert, president of Koepfer America, is treasurer. Dave Ballard, corporate manager of SEW-Eurodrive is chairman of the business management executive committee; Ed Lawson, director of metrology for Gleason/M&M Precision Systems Co., is chairman of the technical division executive committee; and Leslie Hennessey, vice president of strategic planning and business development for Lovejoy Inc., is chairman emeritus.

The complete 2006 board of directors are:
 Dave Ballard—SEW-Eurodrive
 Bryan Lammers—Caterpillar Inc.
 Stan Blenke—Schafer Gear Works
 Ed Lawson—Gleason/M&M Precision Systems Co.
 Craig Danecki—Rexnord Geared Products
 Jeff Lawton—Star Cutter Co.
 Rick Fullington—Milwaukee Gear Co.
 Lee Mason—Clarke Gear Co.
 Dennis Gimpert—Koepfer America
 Greg Porter—Standard Machine
 Tom Gula—DuPont Engineering
 Roland Ramberg—The Gear Works—Seattle Inc.
 Sharon Haverstock—Scot Forge Co.
 Andrew Sadanowicz—The Purdy Corp.
 Leslie Hennessey—Lovejoy Inc.
 Alan Seitz—Seitz Corp.
 Martin Kapp—Kapp GmbH

Engineered Tool Opens Gear Cutting Division

Engineered Tools Corp. opened a division to manufacture and sell carbide and HSS stick blades and offer cutter head repair on bevel gear cutter bodies.

Cutter body replacement is currently taking place at the company's facility in Caro, MI, until the company moves to a new plant near Detroit later this year.

Ross Deneau, formerly vice president of A/W Systems, is manufacturing manager. John Ketterer is director of operations, and Ned Hoermann is sales manager.

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INDUSTRY NEWS



Engineered Tools Corp. is a specialty manufacturer of precision cutting tools and wear parts in carbide, ceramic and HSS. According to the company's press release, ETC had been manufacturing stick blades for A/W from 2000–2005.

The new division has the equipment and capacity for 10,000 blades per month.

Mixing Solutions Names New Managing Director

John Brace was appointed managing director at Mixing Solutions. He will be responsible for its worldwide process agitation business in the Eastern Hemisphere.

According to the company's press release, Brace will also be responsible for establishing a U.K.-based footprint for Mixing Solutions' American parent company, Philadelphia Gear.

Brace has worked in OEM and aftermarket operations and sales management in Europe with Dowty MECO, where he was manager of repair service. He was transferred to the U.S. as production manager and later general manager of Dowty MECO. His responsibilities included overseeing the Gulf Coast and Southeast regions, including sales, production, engineering and supply chain activities.

Carl Rapp, CEO of Philadelphia Gear, says, "John's vast experience in the industrial manufacturing sector puts him in an excellent position to help build both the MSL and PGC brands as we continue the worldwide expansion of both companies."

Mixing Solutions provides fluid mixing expertise with standard and custom-designed agitator drives and related equipment from 0.25–2,000 kW.