

Klingelberg, A/W Systems Form Alliance

Klingelberg Oerlikon Technology Center (KOTC) of Saline, MI, joined forces with A/W Systems Co. of Royal Oak, MI, to provide spiral bevel and hypoid bevel tooling and tooling technology services.

KOTC and A/W Systems will provide cutterheads, blade sticks, finished blade grinding and gear cutting technology services to the U.S. gear manufacturing market.

According to A/W Systems' press release, the strategy is to offer locally a comprehensive product line of cutting tools with application engineering expertise and cutter sharpening services.

Mitsubishi Gear Center Partners With Balzers

The Mitsubishi Gear Technology Center of Wixom, MI, teamed up with Balzers Inc.'s Wixom Coating Center to provide local coating service for Mitsubishi brand hob cutters.

Previously, Mitsubishi's coating operations took place in its Addison, IL, machine tools facility under the name Mitsubishi SuperDry coating. After economic consideration, the company decided the Balzers BALINIT[®] FUTURA NANO coating was of the same quality. Also, with Balzers' nationwide coating cen-

ters, large batch runs and strict quality control, Mitsubishi found that it was not cost effective to compete with Balzers, according to Mitsubishi's newsletter.

Schafer Acquires Chicago Gear Works

Schafer Gear Works of South Bend, IN, acquired the assets of Chicago Gear Works of Cicero, IL.

Chicago Gear Works was a major supplier to industrial manufacturers and Schafer hopes this acquisition will increase its manufacturing capacity with bevel gear and worm gear technology, according to Schafer's press release.

Chicago Gear's manufacturing operations have been moved to South Bend and its turning operations to Schafer's precision machining plant in Fort Wayne, IN.

AGMA Releases New Information Sheet

The American Gear Manufacturers Association (AGMA) released an information sheet called *Accuracy Classification System—Tangential Measurement Tolerance Tables for Cylindrical Gears*.

The publication provides inch and metric tables of the toler-

The World of Hard Gear Finishing

Gear Honing
Hard Broaching
Dressing Devices

Fässler
Customised solutions

Fässler Corporation, 131 W. Layton Ave., Ste 308, Milwaukee, WI 53207-5941 U.S.A.
Phone +1 (414) 769-0072, Fax +1 (414) 769-8610, usa@faessler-ag.ch

www.faessler-ag.ch

ances dealing with tangential measurements of spur and helical gears for the different accuracy grades explained in ANSI/AGMA standard 2015-1-A01.

According to the AGMA newsletter, the sheet was developed to supplement the information contained within the standard. While the tables may be used to estimate the tolerances for an individual gear, the actual tolerances should be calculated and rounded according to the formulas of the parent standard.

New General Manager at General Broach



S. David Graham

S. David Graham was named general manager of the cutting tool division at General Broach Co. of Shelby Township, MI.

Since 1993, Graham has worked as national sales manager of General Broach. Prior to that, he held the positions of both chief tool engineer and engineering manager.

Among his new responsibilities will be developing strategic alliances with broaching partners in Europe.

Philadelphia Gear Offers Western Gear, WesTech Renewal Parts

Philadelphia Gear Corp. announced the availability of genuine renewal parts for Western Gear and WesTech gearing units.

The company acquired the brands Western Gear and WesTech in 1996 and is the only proprietary source for those parts, according to the company's press release. With these units, maintenance engineers can have their Western Gear and WesTech units serviced using genuine parts instead of re-engineered ones.

In addition, Philadelphia Gear can provide original drawings of Western Gear and WesTech gearing units. Digitally scanned versions of these drawings and bills of material will be available at the company's five regional service centers by the end of 2003.

New President, Expanding Facility for Machine Tool Systems



Jerry Rex

Jerry Rex was appointed president of Meritage Inc.'s subsidiary Machine Tool Systems (MTS) of Charlotte, NC.

According to the company's press release, Rex has 26 years' experience in metalworking and in the application of machine tools to manufacturing processes. Currently, he chairs the Machine Tool Engineer Certification Committee

of the American Machine Tool Distributors' Association (AMTDA).

In other news, MTS announced plans to consolidate operations from Georgia and South Carolina into an expanded Charlotte Technical Center.

Timken Completes Torrington Acquisition

The Timken Co. of Canton, OH, announced Feb. 18 the com-

Custom Bevel Gear Mfg.

Per your Sample and/or Blueprint Specs



Machine and Gear Corporation
Sharon, TN



- Spiral Bevel Gears: 66" PD
- Straight Bevel Gears: 80" PD
- Spurs, Helicals, Spline Shafts
- Gearbox Repair
- Heat Treat Facility In-House

BREAKDOWN SERVICES

1-800-238-0651 - Fax 731-456-3073

email: inquirygt@brgear.com

website: www.brgear.com

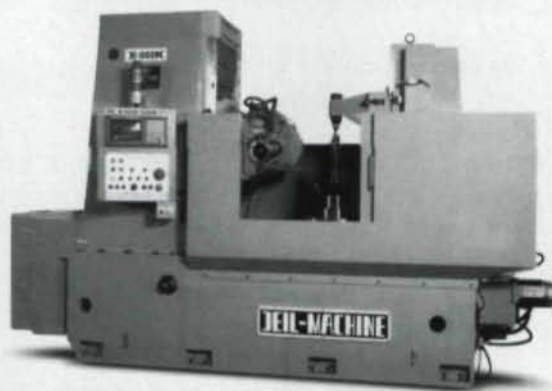
CALL FOR BROCHURE



JEIL
SOUTH KOREA

150 up to 1,800 mm dia.
Gear Hobbing Machines
Conventional, NC & CNC

Solid cast iron, rigid and durable design, GE
- Fanuc controls ... high quality at a great value
- more than 270 machines installed in the USA



MODEL	JDP-2	JDH-3	JD 1000
Max. Diameter	26"	31.5"	39"
Max. Pitch	D.P.4"	D.P. 3.2"	D.P. 2.5"
Hob Speed	68-220 rpm	30-225 rpm	30-130 rpm
PRICE Installed	\$79,500	\$108,350	\$178,500

ASI Machinery Co. - Sole Importer to USA & Canada
516-D River Highway #200 Mooresville, NC 28117-6830
Phone: 704-528-0902 • Fax: 704-528-0900
E-mail: asimachinery@aol.com

SPIRAL BEVEL GEARS

(Transmissions)



Spiral & Straight Bevel Gear Manufacturing.
Commercial to aircraft quality gearing.
Spur, helical, splined shafts, internal & external,
shaved & ground gears. Spiral bevel grinding.
Midwest Transmissions & Reducers.
ISO compliant & AS 9100 compliant.



**MIDWEST GEAR
& TOOL, INC.**
12024 E. Nine Mile Road
Warren, MI 48089

rosscr@attglobal.net

CONTACT:
CRAIG D. ROSS
(586) 754-8923
FAX (586) 754-8926

powertransmission.com

*The only proven resource for gear manufacturers
who want new business*

Since 1997, *powertransmission.com*TM has been helping gear manufacturers find new customers.

We delivered more than 11,000 sales leads to our advertisers in 2002.

With nearly 150,000 page views and more than 30,000 visitors per month, *powertransmission.com*TM is the premier portal for generating new business.

Joining *powertransmission.com*TM is fast, easy and relatively inexpensive. Being listed costs just \$1,195 per year.

Sign up online or call (847) 437-6604 to find out more about how *powertransmission.com*TM can work for your company.

powertransmission.comTM

1425 Lunt Avenue, Elk Grove Village, IL 60007 USA
Phone: (847) 437-6604 Fax: (847) 437-6618
E-mail: ptsales@powertransmission.com

INDUSTRY NEWS

pletion of its purchase of The Torrington Co. from Ingersoll-Rand for \$840 million.

Of the \$840 million, \$700 million was paid in cash and the remaining \$140 million was in Timken shares.

According to the company's press release, this acquisition was the largest in Timken's history, increasing Timken's size by 50 percent and making it the world's third largest bearing company, with an expanded portfolio of automotive and industrial bearing-based products and services.

The Timken Co. manufactures engineered bearings, alloy and specialty steels and provides related services.

New Powder Metal Company in Pennsylvania

Vision Quality Components is a new manufacturer of particulate material structural and multilevel components for the transportation, industrial and consumer product markets. This new company is a continuation of Innex Powder Metal of Rochester, NY, whose assets were purchased in January.

The company's capabilities range from pressing between 20-200 tons, sintering, steam treating, vibratory finishing, CNC turning and double disc grinding, according to its press release.

Dennis Johns will serve as president and Robert Aleksivich as vice president of Vision, which is located in Clearfield, PA.

SMW Autoblok Partners with LNS America

SMW Autoblok, a manufacturer of power chucks located in Wheeling, IL, partnered with bar feed supplier LNS America of Cincinnati, OH. The plan is to combine SMW's steady rests with LNS's bar feed products to major turning machine OEMs and their dealer networks.

With the alliance, LNS America can provide turnkey, manual and automatic steady rest packages that include base systems and brackets, according to the company's press release.

SMW is best known for its precision workholding devices.

In Memoriam

Marlis Tetteroo, of Teco Werkzeugmaschinen GmbH & Co., a gear machinery specialist located in Hilden, Germany, died March 8 after a long illness.

Tell Us What You Think . . .

Visit www.geartechnology.com to

- Rate this column
- Request more information
- Contact the companies mentioned
- Make a suggestion

Or call (847) 437-6604 to talk to one of our editors!