

## Suzlon Energy

ACQUIRES HANSEN TRANSMISSIONS



Suzlon Energy Ltd. of India has acquired gearbox manufacturer Hansen Transmissions of Belgium from Allianz Capital Partners for 465 million euros. The acquisition is part of Suzlon's growth strategy in the wind turbine manufacturing market.

"Hansen will be run as an independent business unit," says Tulsi R. Tanti, president of Suzlon's board of directors. "The acquisition enables Suzlon to integrate gearbox technology in the development of wind turbines."

Hansen has two production sites in Belgium, including a new factory dedicated to the production of wind turbine gearboxes. Hansen is able to produce gearboxes for 3,600 megawatts of wind turbines annually.

In addition to its wind turbine manufacturing, Hansen also has a strong presence in the industrial gear drive market, manufacturing and assembling more than 3,000 industrial gearboxes per year for applications such as water treatment, material handling and cooling towers.

"The acquisition confirms Suzlon's trust and confidence to further develop Hansen," says Matts Lundgren, CEO of Hansen. "We will continue to manage Hansen as an independent business unit and strive to exceed customer expectations." ■

## Ajax Tocco

ACQUIRES ASSETS OF TWO COMPANIES, MERGES OPERATIONS WITH GERMAN FOUNDRY

Ajax Tocco Magnethermic purchased the assets of Lectrotherm and Premelt Systems, both of Canton, OH. Ajax Tocco Magnethermic GmbH also merged operations with Foundry Services of Hemer, Germany.

According to Ajax's press release, Foundry Services will continue operation in its current location and expand into an existing Ajax Tocco service center in Sinsheim, Germany.

Lectrotherm specializes in aftermarket repair and replacement of melting furnaces and electromagnetic stirring fixtures. In recent years, the company has expanded to provide capital equipment to non-traditional induction markets.

Premelt Systems designs and services integrated metal scrap cleaning and processing systems to the aluminum wheel industry worldwide. ■

## Timken

SUPPLIES TWO MILLIONTH SPECIAL BEARING ASSEMBLY TO ZF

The Timken Co. delivered its two millionth special bearing assembly to the Saarbruecken, Germany, production plant of ZF, a leading global supplier for automotive driveline and chassis technology.

The product is a two-row flanged pinion bearing assembly referred to as a "TDOF." ZF and Timken have been working together for years on providing higher performance with fewer components. The assemblies were first featured in ZF's four-speed inline automatic transaxles and continued to evolve with the five-speed version. It is currently used in the six-speed automatic transmission cluster for front-wheel, standard or all-wheel-drive solutions and torques up to 750 Newton-meters. ZF's transaxles are featured in dozens on engine-transaxle combinations for a variety of different car platforms. ■

## Star SU and Winco Industries

### ACQUIRE MARKETING AND MANUFACTURING RIGHTS FOR BENCERE PRODUCTS

Winco Industries has acquired the marketing and manufacturing rights to a patented series of padded adjustable reamers and fine boring tools.

The patents, held by Bencere Ltd. of Oxfordshire, England, are for R-Max padded adjustable reamers and Quattro-Cut padded fine boring tools. Star SU will become the exclusive marketer of both products in North America and Winco the exclusive marketer in South America.

Star SU R-Max reamers can be utilized for close tolerance reaming of ferrous and non-ferrous parts. Production tolerances of 0.01 mm or less can be expected. The patented single clamping screw simplifies fine adjustments to size and back taper. Automotive and heavy equipment component part manufacturers utilize these tools for operations such as engine cam and crank reaming in both cast iron and aluminum blocks and cylinder heads. Additional applications, such as steering gears, housings, hydraulic pumps, control valves and cylinders, air conditioning, compressors, brake calipers and master cylinders, also typically require precision reaming. ■

## Metaldyne

### SELLS FORGING BUSINESS, HIRES NEW VP

Metaldyne entered into an asset purchase agreement with Forming Technologies related to the acquisition of Metaldyne's North American forging business.

According to Metaldyne's press release, it expects \$129 million and the assumption by the buyer of \$7.5 million in outstanding indebtedness of the forging business as well as assumption of all working capital items and specific liabilities.

Metaldyne's North American forging business includes its operations in Royal Oak, Fraser, Detroit and Troy, MI; Canal  
continued

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Metaldyne also named Marjorie Sorge as vice president of communications. She will be responsible for development and maintenance of all internal and external communication strategies. ■

## Balzers

### ASSUMES COATING OPERATIONS OF GOLD STAR COATINGS

Balzers announced plans to take over the PVD coating operations of Gold Star Coatings, a subsidiary of Star Cutter Co.

According to Balzers' press release, the transaction will be completed by April 30. Balzers will assume the function of coating partner for the tool resharpening services sold by Star and SU. In addition, Balzers will open an in-house coating center in the gear tool manufacturing operation of Star Cutter Co. in East Tawas, MI.

The existing coating center of Gold Star Coatings in Richmond, IN, will be expanded to become a significant regional site for Balzers. The activities of Gold Star's West Branch, MI, facility will be integrated into three existing Balzers coating centers in Michigan. In the future, Balzers will have a network of 14 sites in the U.S. and Canada for contract coating as well as three in-house coating centers located on customer premises.

Kent Connell, president of Balzers, said, "We are very excited with the possibility of working much closer with Star SU and Star Cutter Co. than we have in the past. They are doing a great job in offering customers a complete package of tool management and maintenance. We are happy to be the primary source for coating tools in this package. We are also excited to add the Gold Star customers to our portfolio and pledge ourselves to do everything possible to provide them with outstanding service and excellent quality." ■

## Ikona Industries

### SHIPS FIRST GEARBOX MANUFACTURED IN-HOUSE

Ikona Industries is moving a number of projects from the initial design and prototype stages into commercialization.

Laith Nosh, president and CEO, said, "This month marks a significant milestone for Ikona as we shipped the first commercial gearbox application completely designed and manufactured in-house by Ikona Industries. The application, a satellite antenna base pedestal, is essentially a gearbox that provides rotation and tilt for a mobile satellite base station. The application represents approximately \$110,000 in revenue and is soon to be followed by the shipment of identical units in the coming weeks."

Formerly known as Ikona Gear, the company recently announced its name change to Ikona Industries Inc. ■



## Balzers

OPENS NEW COATING CENTER



Balzers Inc. opened a coating center in Houston and has begun coating production of cutting, forming, molding tools and precision components. This is the fourth center to open in the past 12 months.

The Houston location will service the South Central region, including Texas, Oklahoma, Arkansas and Louisiana. According to the company's press release, the center will provide full service coating solutions not only for standard coatings like titanium nitride but also advanced, high performance coatings and pre- and post-treatment capabilities.

According to Balzers' press release, the new Houston center will primarily serve the cutting tool industry, as well as the die casting, stamping, forming, mold and die markets for application in oil field services, aerospace, machine tools and high-wear machine components. ■

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## GLEASON BEVEL EQUIPMENT

Spiral Generators #40, 102, 106, 116 Rougher, 116 Finisher, 118, 121, 26, 606 Auto, 607 Auto, 606 Manual, 607 Manual, 615, 616, 642, 645, 650, 950 — to 1983  
Straight Generators 3", 24, 24A, 104, 725 — to 1975  
Cutter Sharpeners #12, 13A, 496, 532, 538, 545, 563 — to 1981  
Grinders 29, 105, 120, 463 — to 1968  
Testers #4, 6, 13, 14, 17M, 61, 512, 519 — to 1970  
Lappers #15, 500 HL, 503, 514, 516 — to 1996  
Cutter Inspection/Setting #15, 527, 528, 563 — to 1981  
Quenching Presses #529 Automatic (250 mm), 529 Manual (400 mm), 537 (711 mm)

## GEAR HOBBER

Barber Colman 6-10, Plain & Multicycle, 3, 6 & 9 Std. Thread, Single & Triple Precision Thread, Power Downfeed, as late as 1975  
Barber Colman, 14-15, 1 & 2 Thread, 2-Cut, Crowning, std, power & rotating tailstock, 1957-68  
Barber Colman, 16-16 Manual, Autocycle, Multicycle, Differential, 1-, 2- & 4- Thread as late as 1980  
Barber Colman 16-36, 2-Thread, with differential, as late as 1979  
Gleason 775, 6" Capacity, 8.5" Face, 4DP, Auto-Load for Cylindrical Gear - Last job produced 3 parts/minute with load/unload, as late as 1986  
Gould & Eberhardt 36 H, 1965  
Lambert 109, 6 mm cap., 1976  
Lees Bradner 12HD, 1972  
Liebherr L650, 2 Cut, crowning, 1976  
Mikron A2 1/2, 40 mm Capacity, loader  
Pfafter P400, 2 Cut, Sp/Fd change, H.S., 1973  
Pfafter P403, 500 mm Capacity, 2-Cut, with Speed & Feed Change in 2<sup>nd</sup> Cut, (choice) 1980

## GLEASON TOOLING

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## HOB SHARPENERS

Barber Colman 6-5, 10-12, Auto Dress, as late as 1982  
Kapp AS203, AS305, AS305B

## GEAR TESTERS

Lead—Gould 3H 1973  
Involute—Fellows 24M, ITW 3412B, 3424B, as late as 1981  
Combination Lead/Involute—Maag SP60, PH100, as late as 1981, M & M #3012, '00

## TESTERS MISCELLANEOUS

Gleason 412 - 60" Curvic Coupling Checker, 1970  
Hofler UP630 Pitch Tester, 1987  
Hofler HS-1000 Pitch Tester w/ EVTM & SRA, 1972  
Maag IMT, MT30, MT11  
Maag TML, TMC, TMI Hand-Held Pitch Testers

## GEAR GRINDERS

Kapp VAS 385, 1983  
Reishauer AZA, ZB, DS, 1982  
Reishauer AM & AM-10 Dressers, 1982

## TESTERS ROLLING

Beaver 2203 3"  
Hofler ZW400, 16" 1990  
ITW 2203 3"  
Parkson 9N, w/ & w/o worm attachment  
Parkson 15N 15"  
Parkson 24"/30", w/ & w/o worm attachment  
Quaker 2-2/2"

## SPLINE MILLERS

Barber Colman 16-16, 1966  
Hurth KF32a, AMT 4 - 150 Heads,  
AMT 4 - 240 Heads, with & without extension,  
as late as 1980  
Hurth LKF33, 40" Travel, 97" CC, 1970

## SPLINE ROLLERS

Michigan 3237, Auto-Loader, 1966  
Marand 350, 55" Stroke, 40 HP 1981, rebuilt 1994  
Marand 350-S, 55" Stroke, 40 HP 1981, rebuilt

## GEAR SHAPERS

Barber Colman 10-4, with Tilt, as late as 1973  
Fellows No. 7, 1973  
Fellows 10-2, 10-4, 1977 Tailstock Available

## WORM HOBBER/MILLERS

Barber Colman 18-30, 4-cut, 12" Cutter, 1967  
Gould & Eberhardt #20 TWG

## PROFILATORS

WEA RS5-150, Spline & face cutting, 1981  
WEA RM-120, Splines, gears, sprockets, 1995  
WEA RM-130, Face couplings, hex, squares, flats slots & front serrations - near-new—1999

## TOOLING

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