

## Schaeffler Group and SKF

DESTROY COUNTERFEIT BEARINGS



SKF and Schaeffler Group destroyed approximately 40 tons of counterfeit roller bearings with a nominal value of 8 million euros at the FAG site in Schweinfurt, Germany.

According to the company's press release, the discovery of the counterfeit bearings was preceded by several months of widespread inquiries resulting from a tip that prompted the two companies to take joint action.

The Association of the German Tool Manufacturing Industry estimates an annual 3,500 industrial accidents in Germany due to fake products. The German Engineering Federation says the economic damage to the capital goods industry amounts to 4.5 billion euros per year and a loss of 70,000 jobs.

"With this joint action, we want to draw attention to the fact that brand and product piracy is far from being restricted to China or southeast Europe. Rather, it is a phenomenon that takes place right on our doorstep," says Hans-Jürgen Goslar, member of the Schaeffler KG managing board. The counterfeit products, which carried the brand names of INA, FAG and SKF, were seized at a Franconian roller bearing dealer.

## Brevini Power Transmission

ACQUIRES BREVINI WINCHES

Brevini Power Transmission completed its acquisition of Brevini Winches, a sister company specializing in the business of hoisting winches and recovery winches.

"This opportunity brings an exciting new perspective and will help expand our services and offerings to our customers and markets around the world," says Stefano Brevini, product manager of the winches business unit.

In addition to the synergies in Europe and North America, the company strives for a stronger position to further exploit market opportunities and production bases in China and India.

## Timken

ADDS CASTING LINE TO AEROSPACE AFTERMARKET UNIT

The Timken Co. launched a fully integrated casting operation to produce precision aerospace aftermarket components in Mesa, AZ.

According to the company's press release, Timken is the only supplier in the aerospace aftermarket with the full capability to produce its own castings.

Installation of casting equipment at a facility that includes design, machining, heat treating, finishing and testing operations positions Timken to produce a variety of precision parts under one roof. Timken relies on the casting process to manufacture turbine blades, vanes, nozzles and turbine engine hardware for the aerospace aftermarket.

"By drawing on Timken's metallurgical expertise, we have further strengthened our leadership position in a market where other suppliers have been constrained by the need to rely on limited external casting sources," says Barry Stonehouse, general manager of Timken's aerospace aftermarket solutions.

The new operation employs investment casting, a process that is capable of producing near-net parts that need little, if any, final finishing. Investment casting uses an expendable wax pattern surrounded, or invested, by a ceramic shell. Removing the wax leaves a mold with an extremely smooth surface and precise dimensional tolerance.

The casting operation occupies 20,000 of the Mesa facility's 85,000 square feet. The fully integrated customer solution center opened in October, and the casting operation began production in December.

## SKF

### INVESTS 600 MILLION IN GÖTEBORG FACILITY

SKF invested 600 million Swedish kronor in its facilities in Göteborg to increase capacity by adding two new bearing channels, two roller channels, a new heat treatment plant, new machining equipment for the production of cages and the upgrade of several bearing channels.

According to SKF's press release, the production volume in Göteborg increased 10% in 2006. Some of the investments were initiated last year and the rest will be carried out over the next two years. The new heat treatment plant is the single largest investment and will take a few years to complete. Future planned projects include environmental improvement measures for more energy-efficient production.

SKF Göteborg develops and manufactures spherical roller bearings, high-temperature bearings and CARB toroidal roller bearings for the energy, pulp and paper, and mining industries.

## Onvio Headquarters

### MOVES TO NEW FACILITY

Onvio LLC moved its headquarters and U.S. manufacturing into a newly constructed facility in Salem, NH.

The 45,000-square-foot facility will be the center for manufacturing Onvio's line of high-precision servo speed reducers. Onvio manufactures zero-backlash cyclical reducers as well as very low-backlash planetary gearboxes.

Other products produced include timing belt pulleys, NEMA gearheads, electromagnetic clutches and complete servo drive packages.

According to the company's press release, the new space also provides some room for expansion, an enlarged quality facility and a research and development lab.

In 2004, Onvio changed its name from Mectrol Corp. after divesting its urethane timing belt business. Onvio is now focused only on the precision motion control business and will key its growth on new product development as well as seeking acquisitions.

#### The new address is:

Onvio LLC  
20 Northwestern Drive  
Salem, NH 03079  
Phone: (603) 685-0404, (866) 685-0404  
Fax: (603) 685-0405

## Portescap

### RELEASES EXCESS INVENTORY LIST

Portescap, a Danaher Motion company, has published a complete listing of excess inventory available on its website ([www.portescap.com](http://www.portescap.com)).

This inventory includes more than 4,000 high-precision DC motors, DC gearmotors, brushless motors, planetary and spur gearheads, and other high-performance motion control components.

The excess inventory option is ideal for users who are looking for small quantities of parts with savings over original list prices.



## maxon motor

### EXPANDS FACILITIES IN SWITZERLAND AND HUNGARY

maxon motor ag is expanding its production capacities to meet a rising demand for high-precision drive systems.

The company's headquarters in Sachseln, Switzerland will be expanded by 4,700 square meters and the production site in Veszprem, Hungary will be increased by 1,200 square meters. The capital expenditure on this project totals more than 23 million Swiss francs, according to the company's press release.

The Technology Center III in Sachseln recently opened to provide adequate layout for micro technology, plastic injection molding and electronics and system technology. Construction criteria for this undertaking will be focused in particular on environmentally friendly energy usage, so the building will be cooled in the summer by ground water and heated by geothermal heat.

The production site in Hungary specializes in producing maxon motor sub-assemblies, and the company plans to have the expansion completed by September. The new facility will accommodate 500 staff members, as opposed to the current 140.

## Regal-Beloit

### CREATES NEW BRAND NAME FOR PREMIUM ECM BLOWER MOTORS

GE ECM by Regal-Beloit announced the creation of ThinkTank, a new product brand name for its line of premium, residential HVAC blower motor products.

ThinkTank products can be found in HVAC equipment from major residential HVAC manufacturers, as new high-performance furnaces, heat pumps and air conditioners already use the motors. In the future, all premium GE ECM motors will feature the ThinkTank brand name, including the newly released ThinkTank 3.0, a sixth-generation motor featuring the serial communicating AirKom operating system and new BlaKbox diagnostic technologies.

Paul Selking, industry leader for residential ECM products, says, "Whereas our standard ECM X13 motor is built to be a simply high-efficiency replacement for our PSC motors, our ThinkTank line of premium ECM motors will continue to provide unsurpassed efficiency and comfort for homeowners as well as easier service for contractors."

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## Colfax Corp.

### ACQUIRES LUBRICATION SYSTEMS

Colfax Corp. announced that it has completed its acquisition of Lubrication Systems Co. in Houston, TX.

Terms of the transaction were not released.

LSC, a provider of oil mist lubrication and lube oil purification systems, reported a revenue of \$25 million in 2006. The company's oil purification and mist systems are used primarily in the hydrocarbon process to improve the performance of rotation equipment such as pumps, motors and gearboxes.

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## Hydraulic Institute

### SEEKS PUMP ANECDOTES

The Pump Systems Matter educational initiative announced plans to collect accounts from the pump industry on how pumps are applied, run and/or maintained incorrectly on its website, [www.PumpSystemsMatter.org](http://www.PumpSystemsMatter.org).

By logging on to the Pump Systems Matter website, visitors can share accounts about the daily difficulties of maintaining and running various pumping systems from all different markets. These accounts will be chronicled in

a document entitled "People Do the Darnedest Things to Pumps!" and may help in the development of a pump systems optimization guidebook.

To share a story, site visitors are encouraged to visit [www.PumpSystemsMatter.org](http://www.PumpSystemsMatter.org) and follow the links on the homepage to a form where they can provide contact information as well as their own stories and lessons learned. "People Do the Darnedest Things to Pumps!" is intended to be a collection of anonymously contributed stories from reputable pump industry professionals that show common mistakes pump users make when running or maintaining systems. Oftentimes, these mistakes lead to wasted energy, production losses, excessively high maintenance costs, and safety and environmental concerns.

In a co-branded venture with the Hydraulic Institute (HI), Pump Systems Matter is developing "Optimizing Pumping Systems: A Guide to Improved Energy Efficiency, Reliability, and Profitability." The guidebook is intended to be an authoritative reference of best practices that will focus on improving the design, operation, and reliability of both un-built and existing pumping systems.

"Optimizing Pumping Systems," authored by the HI PSM Pump Systems Guide Committee, is expected to be published during the first quarter of 2008.

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## Moog Inc.

### ACQUIRES MEDICAL DEVICE MANUFACTURER

Moog Inc. entered into a definitive agreement to acquire Zevek International Inc. for \$83.8 million.

According to the company's press release, Moog will use its existing revolving credit facility to finance the transaction.

Closing is expected this month and is subject to approval by Zevek shareholders and appropriate regulatory approvals. The company estimates that its medical devices segment sales will approach \$65 million, including \$25 million for a half year in 2006.

Zevak distributes a complete line of portable and stationary pumps, and disposable sets used in the delivery of enteral nutrition for hospitals, nursing homes and patient home care. They are marketed under the brand names EnteralLite and EnteralLite Infinity.

The acquisition is Moog's third in the medical device market, as it acquired Curlin Medical and McKinley Medical in 2006. For the most recent twelve-month period, two-thirds of the revenues were related to infusion therapy, and the balance generated by hand pieces, sensors and organ transplant systems.

## Joe Gibbs Racing

### EXTENDS TECHNOLOGY AGREEMENT WITH TIMKEN

The Timken Co. announced that it has extended its agreement with Joe Gibbs Racing as an official technical partner of the NASCAR racing organization.

Timken will provide product development and technical engineering across Joe Gibbs Racing's multiple team operations, including the Nextel Cup Series, where the "Car of Tomorrow" race car design debuted in March.

For the last three years, Timken has worked collaboratively with the engineering team at Joe Gibbs Racing to develop and test technologies that improve the car's powertrain and driveline performance, i.e., delivering longer life, improved fuel economy and higher horsepower availability.

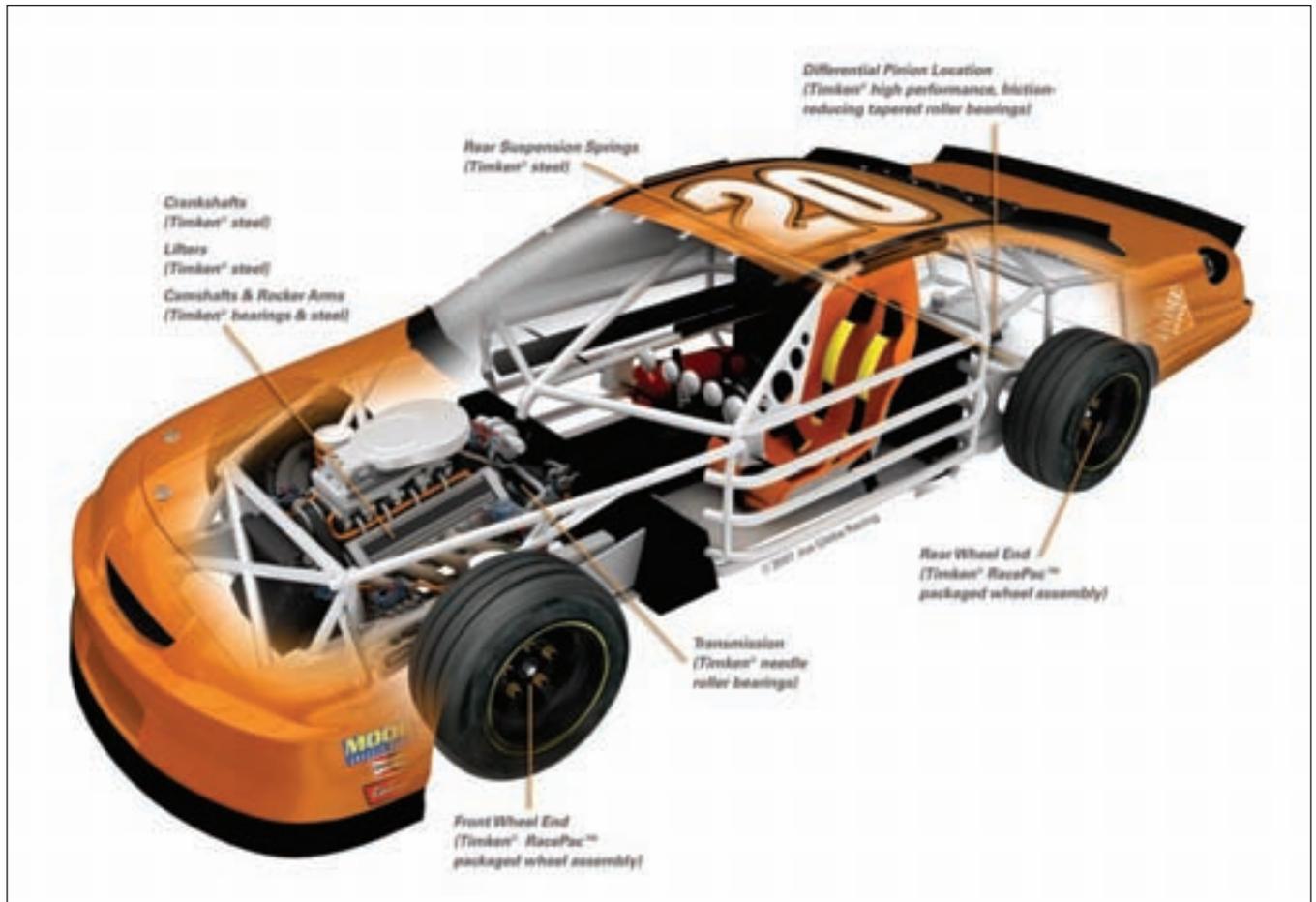
Timken's press release says the Car of Tomorrow vehicle, a NASCAR design initiative to improve driver safety, performance, competition and cost-management for the teams, has already had significant engineering implications for all competitors in the Nextel Cup. As a result, Joe Gibbs Racing has turned to Timken for help in developing technologies

that will drive performance while still conforming to the new NASCAR specifications.

"With the Car of Tomorrow design, NASCAR has given us defined parameters within which we can work," says David Holden, research and development engineer at Joe Gibbs Racing. "That brings more parity to the sport, but it also poses tremendous design challenges for us in terms of loads, stiffness and weight."

Timken's engineered surfaces coatings, alloy steel from Timken operations in Canton and Timken®, RacePac®, an integrated hub and bearing assembly specially designed for NASCAR teams, were all specifically designed for the motorsports industry. In addition, the company will continue to provide other innovative bearing and steel products to Joe Gibbs Racing that will be used throughout the car, from the suspension and steering systems to the engine and transmission.

Alastair R. Deane, Timken senior vice president-technology says, "Our involvement in the sport translates into the creation of real value for our automotive, industrial and steel customers, as we all have mutual challenges related to products that handle heat, speed and wear."





## Sumitomo

### EXPANDS CORONA FACILITY

Sumitomo Machinery Corp. of America (SMA) announced an expansion in production operations at their facility in Corona, CA, to include the Hyponic product line.

Until now, the Corona facility has assembled a limited range of products, but continued, growing demand for the Hyponic within the western region led the company to begin expansion plans late in 2006.

According to a company press release, SMA expected to finish the project by the end of March 2007 and hold an open house for customers in late April. This expansion includes additional production equipment, inventory and personnel that will increase the facility's per unit output by 35%.

One of Sumitomo's premium gearing solutions, the Hyponic features a compact, modular housing, maintenance-free grease lubrication and patented, all-steel hypoidal gear technology.

"There are more than two million Hyponics currently in service, and this is not the first Hyponic production expansion for SMA," says Ron Smith, president and CEO of SMA. "In 2005, we completed an expansion at our Chesapeake manufacturing headquarters that doubled our Hyponic production capacity. Our western facility expansion significantly increases our capacity in the region and enables us to keep pace with customers' growing demand for this product."

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## P&F Industries

### ACQUIRES HY-TECH MACHINE FOR \$16.5 MILLION

P&F Industries, Inc. announced that, through a newly-formed subsidiary, it has acquired virtually all of the assets comprising the business of Hy-Tech Machine, Inc., a

Pennsylvania manufacturer and distributor of pneumatic tools and parts for industrial applications.

In addition, the company acquired substantially all of the assets of Quality Gear & Machine, Inc., an entity related to Hy-Tech and a supplier of component parts to Hy-Tech and others. The aggregate purchase price for these two businesses consisted of \$16.9 million in cash, the assumption of certain payables and liabilities, and the obligation to make certain contingent payments. The company also acquired certain real estate from HTM Associates, an entity related to Hy-Tech, for \$2.2 million in cash. This acquisition will be immediately accretive to earnings.

The newly acquired business is headquartered in Cranberry Township, PA and maintains a component manufacturing operation in Punxsutawney, PA. Hy-Tech reported \$14 million in revenues in 2005. Certain members of management and other employees of Hy-Tech will remain active in the operations of the business.

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## Association Report

### REFLECTS 10% SALES INCREASE FOR DOMESTIC DISTRIBUTORS

The Power Transmission Distributors Association released data for 2006 year-end relating to trends for distributors and manufacturers of power transmission/motion control products.

According to the association press release, U.S. distributors saw a 10.2% increase in PT/MC products sales in 2006. The annualized sales-to-inventory ratio for 2006 dropped to 7.3, compared to 7.7 in 2005.

Sales figures for Canadian distributors increased by 8.9%.

Growth in 2006 occurred at a slower rate than 2005 for U.S. manufacturers. Year-to-date sales of PT/MC products were up 6.9% in 2006, as compared to 9.6% in 2005. This also holds true for year-to-date orders of PT/MC products for U.S. manufacturers, with a gain of 3.9% in 2006 as compared to 11.3% in 2005.

Canadian manufacturers also showed positive growth at a slower rate. Year-to-date sales of PT/MC products in 2006 increased 1% versus 3.4% the previous year.

In considering sales growth on a product-by-product basis for the year, all categories for the U.S. showed positive growth. For Canadian manufacturers, three categories—clutches and brakes, mechanical drive systems and related PT products, and positioning systems/linear motion products—showed a reduction in sales.