

Igus

ANNOUNCES
MANUS COMPETITION WINNERS



Carmelo Lagunas, a design engineer from Spain, was awarded the gold manus for his machine that produces potato omelettes.

Polymer developer and bearings specialist Igus presented the results of its fifth manus competition for plastic plain bearings at an awards ceremony during the Hannover 2011 trade show. The expert judging panel had been overwhelmed by the 301 entries received from 28 countries. Competition entries were still coming in after the official closing date. Due to the enormous success of previous manus competitions, the contest for design engineers accepted entries from all over the world for the first time this year, in cooperation with academic partners such as the Institute for Composite Materials in Kaiserslautern, a city in southwest Germany. The search was on again for innovative applications using lubrication- and maintenance-free plastic bearings that stand distinguished by technical or economic efficiency and creativity. Any applications using a solid plastic plain bearing and plastic compounds was eligible for entry, but not applications using plastic-coated bearings. Around 80 entries were received for the last manus competition, which accepted entries from Germany, Austria and Switzerland. This year, the judges noted exactly 301 entries from all over the world: including the United States, Canada, Brazil, South Africa, Australia, Malaysia, Singapore, India, China, Taiwan, Korea, Iran, Lebanon and across Europe. For other award winners, visit www.igus.com.

MAG

ACQUIRES FOREST LINÉ INDUSTRIES

MAG reinforces its global technology position in metal

cutting and composites processing by acquiring the French company, Forest Liné Industries Group (FLI). Forest Liné specializes in manufacturing systems for aerospace applications, dies/molds, large parts, titanium and composites processing. The company is a technology leader in composite wing and wing box applications, and operates sites in France, Germany, China and Canada, employing about 300. Mr. Jean Bertrand Prot will continue as president and CEO of FLI and join the MAG executive board.

"This acquisition gives MAG another significant point of access to aerospace composites technology, manufacturing resources and demonstration facilities, as well as additional market and customer segments," said Dan Janka, president of MAG Global Industrial Systems. "Liné has always been an innovator, and its technology portfolio is highly complementary with our own, so we anticipate a wide range of new opportunities to result from this acquisition."

Like MAG, Liné is a supplier of both automated tape laying and fiber placement systems. Lightweight and rigid composites are widely used throughout the aerospace industry and in renewable energy systems, such as wind turbines. "MAG enthusiastically looks forward to increasing demand in the wind industry over the next few years, and has strongly positioned itself for growth in all segments of renewable energy, as well as the automotive sector, for which we have developed new composites production technology," Janka added. MAG, through its European business, MAG Europe GmbH, with headquarters in Göppingen, Germany, has acquired 100 percent of the shares in the Forest Liné Group.

Timken

AGREES TO PURCHASE PHILADELPHIA GEAR

The Timken Company, located in Canton, Ohio, has announced plans to purchase Philadelphia Gear Corp. for \$200 million. Based in King of Prussia, Pennsylvania, Philadelphia Gear provides gear drives and components to the industrial and military sectors. Timken makes bearings, assemblies and alloy steels for auto producers and other manufacturers. The addition of Philadelphia Gear to Timken's Process Industries segment significantly expands the range of industrial services capabilities for both companies to offer their customers. The acquisition advances Timken's strategy to offer comprehensive services and solutions to end-users that enhance the performance and productivity of their mission-critical mechanical applications.

"Philadelphia Gear is an excellent fit with Timken," said Chris Coughlin, president of Timken's Process Industries segment. "Like Timken, it is a leader in industrial services

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providing highly engineered solutions and replacement components for mechanical power transmission equipment. It will strengthen our presence precisely in the areas we've targeted, with excellent prospects for profitable growth via extension to our customer base around the world."

Timken plans to combine Philadelphia Gear, which employs approximately 220, with its Industrial Services business to leverage the best capabilities of each organization across the global markets. Coughlin noted that Timken plans to expand the business with the existing management team. "The synergies in this combination are all about growth," he said. Timken expects Philadelphia Gear to be accretive to earnings in its first full year and to generate income exceeding the cost of capital by 2014. The company plans to complete the acquisition through its Timken Gears & Services Inc. subsidiary by the third quarter of 2011, pending certain government and regulatory approvals.

U.S. Tsubaki

COMPLETES KABELSCHLEPP INTEGRATION

U.S. Tsubaki Power Transmission, LLC (formerly known as U.S. Tsubaki Inc.) recently announced the integration of KabelSchlepp America, of Milwaukee, Wisconsin as a new division of U.S. Tsubaki. The acquisition is a significant step forward for U.S. Tsubaki, adding value and broadening the range of industrial products available to new and existing customers. With nearly 60 years of innovation, KabelSchlepp has had a proven track record of manufacturing cable and hose carrier systems designed to protect and guide moving wires, cables, and hoses in a wide variety of applications including machine tools, packaging machinery, automotive, offshore and a host of other industries. KabelSchlepp's ISO 9001:2008 certified Milwaukee manufacturing, warehousing and sales support facility will continue to operate as a division of U.S. Tsubaki, providing expanded manufacturing capabilities and customer support for the cable and hose carrier product line. Kevin Powers, president of U.S. Tsubaki, states: "Both companies have a long tradition of innovation and commitment to serving customers' needs. We are confident that the KabelSchlepp division's manufacturing capabilities and extensive technical expertise will provide our customers with the industry's best value in cable and hose carrier systems. At U.S. Tsubaki we are excited about our new venture and look forward to passing on the benefits of these new products and services to our valued customers."

continued



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Gates Corp.

CONTINUES RACING SPONSORSHIP



Gates Corporation, a manufacturer of industrial and automotive products, recently announced the continuation of its Associate Sponsorship of Don Schumacher Racing (DSR) for the 2011 National Hot Rod Association (NHRA) Full Throttle Drag Racing Series. The announcement marks Gates' 11th year of association with the racing organization. DSR is one of the premier teams in NHRA drag racing. Tony Schumacher, son of Don Schumacher, has won seven Top Fuel Dragster national championship titles. Don Schumacher, owner of DSR, noted, "Gates is one our oldest sponsors, and we value the partnership very much. We're honored to have Gates onboard again this year." In addition to sponsoring the teams, Gates provides DSR teams with Poly Chain belts that drive the dragsters' 7,000-horsepower engine superchargers. "Motorsports continues to be a logical marketing vehicle for Gates," commented Dave Miller, vice president of marketing for the automotive aftermarket business unit. He continued, "Gates involvement reinforces our ties with the professional automotive technician as well as providing a sales platform for a variety of brand-building activities."

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