

# Gleason

## LAUNCHES NEW MANUFACTURING FACILITY IN INDIA

Gleason Corporation recently announced that it broke ground for a new manufacturing facility in the Bengaluru Aerospace Park Industrial Area located in Bangalore, India to accommodate Gleason's expanding product offerings and capabilities in India.

Gleason has long had a presence in the Indian market, first through representatives and then through Gleason Works (India) Private Limited, established in 1995. Gleason Works India has machine and cutting tool manufacturing operations in Bangalore, a cutting tools service center in Chennai, and sales and service offices in Delhi, Jamshedpur, Mumbai and Pune.

"We continue our belief that the Indian market offers significant near-term and long-term growth opportunities, and we are pleased and excited to take the next step to position Gleason to

better serve the Indian market," said John J. Perrotti, president and chief executive officer of Gleason Corporation.

The Bengaluru Aerospace Park is home to many companies serving the aerospace industry. The Gleason facility will produce products and services for aerospace customers as well as markets including automotive, heavy truck, construction, agricultural equipment, energy and others. Phase 1 of the new Gleason Works India facility is planned for completion in the second half of 2016, and includes 50,000 square feet (4,650 SQM) of space for manufacturing, sales, service and administration. The facility will continue the manufacture of Gleason Genesis Gear Hobbing machines, gear cutting tools, workholding equipment, and aftermarket products and services, and will provide the space needed for continued expansion for other products.



# ITAMCO

## NAMED 2014 AUTODESK INVENTOR OF THE YEAR

The votes are in, and Autodesk customer ITAMCO has been named the Autodesk Inventor of the Year for 2014.

Members from the Autodesk Manufacturing community worldwide selected ITAMCO from among the dozen companies featured as 2014 monthly Autodesk Inventing the Future honorees. For more than eight years, Autodesk has identified innovative customers from among hundreds of thousands of designers and engineers that create using Autodesk manufacturing tools and featured their work via this monthly recognition.

Based in Plymouth, IN, ITAMCO delivers precision-machined components to original equipment manufacturers that serve a wide array of industries — ranging from oil and gas and renewable energy, to mining and construction and aerospace and defense. Autodesk Inventor 3D design software, as part of Autodesk Product Design Suite and Autodesk Factory Design Suite, are among the many tools ITAMCO leverages to better serve its customers.



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“We are thrilled and honored to be recognized by the Autodesk Manufacturing community for this award.

It was certainly a team effort.” said Joel Neidig, technology manager at ITAMCO.

For ITAMCO, the more precisely a gear is manufactured, the better it will perform, and using Inventor software for design and manufacturing processes makes it possible for the company to manufacture gears to precise sub-micron tolerances at .00004 inches.

This level of precision satisfies even the most demanding customers — such as NASA, which used ITAMCO’s gears on the mechanical arm that built the international space station.

Additionally, ITAMCO recently designed, manufactured and built a new gearbox for construction vehicles in record time using Inventor and Autodesk Inventor HSM Pro. The software allowed ITAMCO to verify the assembly for any interference issues prior to manufacturing and to utilize the advanced computer aided manufacturing (CAM) capabilities within Inventor HSM Pro for machining and manufacturing the components.

## Drake

### RECEIVES AWARDS FROM WEATHERHEAD, NEXTEER

Drake Manufacturing Services Co., LLC of Warren, OH, was recently honored as a first-time recipient of the Weatherhead 100 award by the Weatherhead School of Management at Case Western Reserve University in Northeast Ohio.

For more than 25 years, the Weatherhead School of Management has recognized Northeast Ohio’s fastest-growing companies. This award celebrates the spirit of entrepreneurship and recognizes companies that exemplify innovative success. With sales growth at over 200% during the 5-year period, Drake was ranked 36th in this elite group.

“Drake’s commitment to technology, innovation, and a global presence has kept us strong while expanding our market share,” said Drake CEO Jim Vosmik.

Drake Manufacturing Services Co., LLC is a global designer and builder of production systems for manufacturers of parts with threads. Founded in 1972, Drake helps maximize productivity, improve quality and reduce production costs for a variety of applications in the steering systems, power transmission, speed reducer, cutting tool, ball screw, linear motion, and aerospace industries.

Drake was also recently recognized during an awards presentation at the Nexteer 2014 Indirect Supplier Conference in Saginaw, MI.

The award was presented to Drake for their part played in the successful launch of Nexteer Automotive’s K2XX product line for General Motors. A series of Drake GS:TI Internal Thread Grinders were installed at Nexteer’s Saginaw facility as dedicated work cells to thread grind EPS ball nuts for this steering program.

ITAMCO’s operations have also been enhanced by Factory Design Suite, which allows users to digitally optimize a factory layout before it’s completed. This digital exploration came in handy when the company ordered a piece of machinery that can produce gears up to 13 feet in diameter and that weigh as much as 80,000 pounds.

The gear grinder arrived in 11 different crates, each weighing more than 20,000 pounds. With Factory Design Suite, the company was able to conduct careful analysis and simulation of the entire machine virtually before physically assembling and installing it on site, preventing costly mistakes and factory layout revisions.

As ITAMCO has continued to expand, the company has used Factory Design Suite to lay out new cells and equipment and make sure it meets industry standards of organization and efficiency across the factory floor.

Drake has developed a range of machines, software, grinding and milling processes for manufacturers of hydraulic and electric steering components (ball screws, ball nuts, steering racks, and worms). The company offers internal and external grinders as well as rack and thread milling machines to produce each major component in modern steering systems. Drake has also developed special grinding processes for licensees of its

proprietary internal return ball nut technology. The patented Drake Internal Return Ball Nut, in use in EPS systems currently, is available for license.

Each Drake machine is delivered with Part Smart programs. Drake provides all software required to make good parts from day one. The operator needs only to input part specific variables into the control to run parts. No customer programming is required and the customer can change from one part to another in minutes.

Drake is a global designer and builder of production systems for manufacturers of parts with threads. Founded in 1972, Drake helps maximize productivity, improve quality and reduce production costs for a variety of applications in the steering systems, power transmission, speed reducer, cutting tool, ball screw, linear motion, and aerospace industries.



# Star SU

## NAMES RICK FALGIATANO AS VICE PRESIDENT OF CUTTING TOOL SALES

Star SU (Hoffman Estates, IL) recently appointed **Rick Falgiatano** as vice president of sales for its cutting tool division.

Rick brings 35 years of experience in the cutting tool industry, including 20 in sales management roles—most recently as district sales manager for Kennametal (Latrobe, PA). Falgiatano has gained expertise in milling and drilling, as well as managing channel partner distribution, integration and integrated programs.

Falgiatano attended the University of Phoenix in Warrenville, IL, and served as past president and charter board member of the Society of Carbide and Tool Engineers (SCTE) Rockford and Chicago chapters.



# Paul Andruszko

## PROMOTED TO GENERAL MANAGER OF GEAR MOTIONS NIAGARA

Gear Motions recently promoted Paul Andruszko to general manager of its Niagara Gear division. The division has also earned an International Organization for Standardization (ISO) 9001-2008 Registration.

“The goal of our company has always been to be one of the best precision gear manufacturers,” said Bob Barden, former vice president and general manager of Gear Motions Niagara Gear division. “My efforts over the last 35 years have been geared toward maintaining that goal. Paul Andruszko has the talent to drive the company forward. We worked together closely for 26 years, and I’m confident that he will take the company to the next level.”

“Over the past few years, Bob Barden and I have been working closely together so that the transition of leadership would be as smooth and seamless as possible,” Andruszko said. “I have the knowledge, experience and passion to move this company in a direction that will allow it to reach its fullest potential. My vision for this company is to not only maintain but greatly improve upon the level of growth and success we have experienced in the past. Additionally, the ISO registration will help open doors to new potential customers domestic and abroad.”

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Niagara Gear's ISO registration demonstrates Gear Motions' commitment to delivering products that meet world-class specifications for quality, safety and efficiency. It ensures that all processes are repeatable and predictable.

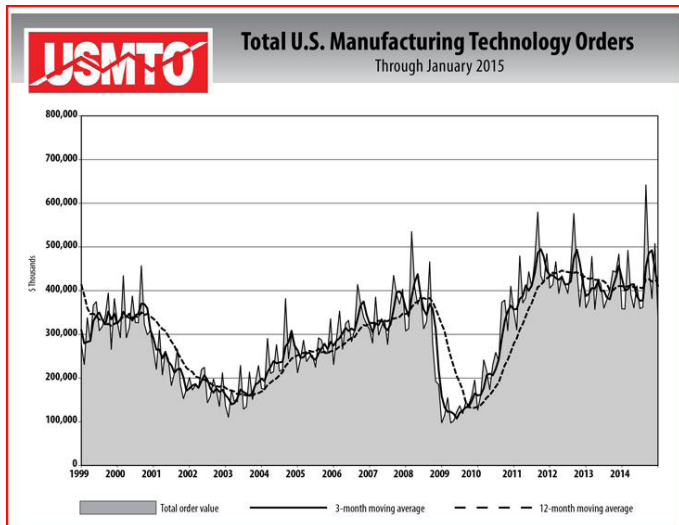
"We are very proud to accomplish something not all manufacturers are able to do," Andruszko said. "For us to do it in less than nine months demonstrates the hard work, dedication and commitment of each employee. This certification validates our Quality Management System and procedures, and ensures that every person within the organization is performing his or her role consistently every day."

## AMT

### REPORTS U.S. CUTTING TOOL CONSUMPTION TOTALS \$181.9 MILLION FOR JANUARY

January U.S. cutting tool consumption totaled \$181.9 million, according to the U.S. Cutting Tool Institute (USCTI) and The Association for Manufacturing Technology (AMT). This total, as reported by companies participating in the Cutting Tool Market Report (CTMR) collaboration, was down 1.7% from December's total and up 1.9% from January 2014.

These numbers and all data in this report are based on the totals actually reported by the companies participating in the CTMR program. The totals here represent about 80% of the U.S. market for cutting tools.



"The industrial production index for manufacturing typically leads cutting tool production by one or two months," said Pat McGibbon, vice president of AMT's strategic analytics department. "January's 1.7% decrease in shipments mirrors December's decline in industrial production. The short lived fall reflected by January's increase in industrial production leaves us optimistic to see positive cutting tool shipment growth in February and March."

The CTMR is jointly compiled by AMT and USCTI, two trade associations representing the development, production and distribution of cutting tool technology and products. It provides a monthly statement on U.S. manufacturers' consump-

tion of the primary consumable in the manufacturing process—the cutting tool. Analysis of cutting tool consumption is a leading indicator of both upturns and downturns in U.S. manufacturing activity, as it is a true measure of actual production levels.

The AMT also reported that January U.S. manufacturing technology orders totaled \$341.17 million. This total, as reported by companies participating in the USMTO program, was down 32.9% from December's \$508.57 million and down 4.8% when compared with the total of \$358.45 million reported for January 2014.

"To understand why we saw this drop in orders for January, December 2014 saw a sharp increase in sales," said Douglas K. Woods, AMT president. "This was driven by many end-of-year orders that had been rushed through in order to qualify for tax rebate provisions that were enacted at the last minute for 2014. This is evidenced by the comparatively lower average order value seen in December vs. January, meaning that most end-of-year orders were for less expensive, in-stock machines that could be shipped quickly. The decline wasn't unexpected, and we still foresee the manufacturing economy keeping on a stable path."

## Hydraulic Institute

### APPOINTS MICHAEL B. MICHAUD EXECUTIVE DIRECTOR

The Hydraulic Institute recently announced the appointment of **Michael B. Michaud** as the Institute's next executive director, effective May 1.

"On behalf of the entire Board I am very pleased to welcome Michael Michaud as HI's new executive director," said George Harris, chairman of the Hydraulic Institute board and president and CEO of Hydro Inc. "As we approach our 100th anniversary in 2017, this is a very exciting time to be a part of HI and our vision for global growth. Michael's talent and international experience will be invaluable to us as we develop and implement strategies to realize this vision and to continue the growth that we have experienced under the leadership of Bob Asdal and the HI staff."

For the past 19 years, Michaud has held various leadership roles at the American Society of Mechanical Engineers (ASME) where he currently is managing director of global alliances, responsible for ASME's global strategy execution and international business development, primarily by growing a network of global partners. Prior assignments included managing several business areas including ASME's training and professional development portfolio, ASME's gas turbine and petroleum technology institutes as well as outreach and support for ASME's international membership.

"We are fortunate to have found someone like Mike," said John H. White, Hydraulic Institute president and CEO of Taco,



Inc. "He brings a unique blend of strategic vision and a solid operational experience and a track record of sustained, global growth. With a relatively new Board-approved policy to admit pump and supplier OEMs outside North America as members, serving the global marketplace will become a bigger focus area for the Institute." Responsible for ASME's global strategy since 2008, Michaud has successfully translated this strategy into a 12% annual growth rate outside the US for ASME."

"This is a fantastic time to join the Hydraulic Institute and I am extremely honored to have been chosen to lead it" said Michaud. "As HI approaches its 100 year anniversary, we are reminded of the past success, creating standards, developing resources for the industry and working to improve pump and pump system efficiency, ultimately producing energy and cost savings for pump users and society at large. I plan to continue to build on this lasting legacy of successful programs and work to position the Hydraulic Institute for its next 100 years."

Michaud will replace Robert Asdal, who will retire on June 30, 2015 after 20 years at the Hydraulic Institute.

## Junker


### ACQUIRES MAJORITY SHARE IN BRAZILIAN GRINDING MACHINE MANUFACTURER

The Junker Group recently added Brazilian grinding machine manufacturer ZEMA to its corporate group.

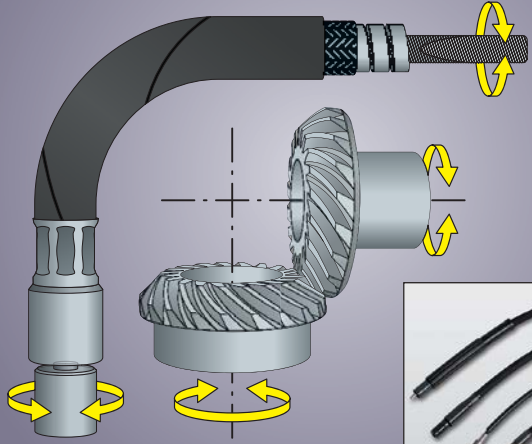
ZEMA was founded back in 1953, has more than 80 employees and manufactures CNC grinding machines with conventional grinding wheels – up until now mainly for the Brazilian market.


"Now we can fulfill any customer needs, open up additional markets and supply combined production lines (CBN, corundum)." said Junker CEO Rochus Mayer.





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## Paresh Shah

NAMED OPERATIONS MANAGER OF SCHAFFER INDUSTRIES

Schafer Industries recently announced the appointment of **Paresh Shah** as operations manager of the company's gear unit, Schafer Gear Works, in South Bend, IN

Schafer Gear Works has plants in South Bend as well as in Fort Wayne, IN, and Rockford, IL. The company's 108,000-square-foot South Bend location produces high-volume gears for a variety of industrial applications.

Shah came to Schafer Gear Works in 1993 as a gear engineer. In 1995 he was promoted to engineering manager where he managed the engineering group in South Bend and also served as a liaison between both domestic and overseas vendors.

Prior to joining Schafer Gear Works, Shah was senior process engineer for International Gear Corporation in Cleveland, OH.

Shah has a bachelor's degree in mechanical engineering from Birla Vishwakarma Mahavidyalaya in Gujarat, India and a master's in mechanical engineering from New Jersey Institute of Technology.



## Edward McTernan

NAMED VICE PRESIDENT OF SALES AND MARKETING AT CLEVELAND GEAR

Cleveland Gear recently named **Edward McTernan** the vice president of sales and marketing.

McTernan was formally product manager for the modular enclosed drives division overseeing all efforts of Modular Gearing Group. He has over 30 years of experience in the power transmission industry and a bachelor of business from John Carroll University.



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