

# Forest City Gear

## Hires New Director of Sales

Forest City Gear has hired **Brad Lindmark** as director of sales to help meet the growing demands of its wide and diverse customer base throughout the world's gear-making industries.

Lindmark brings a wealth of sales and marketing experience and a deep familiarity with all facets of inside and outside sales and customer service, along with a strong background in the metalworking industries. This background, combined with his sales and marketing leadership skills, made him an ideal candidate for the position, says Forest City Gear President and CEO Wendy Young.

"Manufacturing the world's best gears has always been the company's focus – Brad will help take our sales efforts to that same level," says Young. "Our sales representatives, and the customers they serve, will benefit greatly from Brad's hands-on approach, as he works to strengthen existing customer relationships and build new ones." ([www.forestcitygear.com](http://www.forestcitygear.com))



# Index

## Hires Service Manager

Index has announced the hiring of **Matt Voyles** for the role of service manager. In his position, Voyles will be responsible for overseeing the 22 field service engineers that respond to customer needs across the US and Canada, as well as coordinating with personnel at Index's network of 19 distributors, many of whom provide service to customers as well.

The service manager role will be key to maintaining Index's current trajectory, as the company expands its service department to meet the needs of a growing customer base that has resulted from back-to-back record sales years in 2018 and 2019.

Voyles possesses over 20 years of manufacturing equipment service experience, first at Carl Zeiss and then with Makino/Single Source Technologies. He has been in a management role for nearly a decade, overseeing a service team that grew to include over 40 team members. Over the course of his career, he has established a strong competency for understanding the diverse needs of a large customer base and aligning resources to efficiently and effectively respond to those needs.

"Matt possesses a skill set that perfectly matches our needs as a rapidly growing organization," said Tom Clark, president and CEO of Index Corporation. "Over the past two years, Index has expanded our team in the US and Canada by 25 people, a 40% increase, to meet the growing customer demand for advanced



machine tools. Managing a team that is undergoing that rate of growth requires unique skills and talents, and Matt's experience and expertise make him the perfect individual for this role."

([www.index-usa.com](http://www.index-usa.com))

# Cloyes Gear

## Maintains Manufacturing Excellence with Arkansas Plant Purchase

After opening its Paris, Ark., manufacturing plant in 1963, Cloyes Gear and Products announced it has successfully regained ownership of the manufacturing operation from American Axle & Manufacturing (AAM). AAM held ownership of the plant following its 2017 acquisition of Metaldyne Performance Group Inc. (MPG), which included Cloyes. In April 2018, Hidden Harbor Capital Partners, an operationally focused private equity firm specializing in control investments in lower middle market companies, acquired Cloyes and immediately started the process of purchasing the Paris plant to continue Cloyes' nearly 100-year-old manufacturing history in the United States.



"Cloyes came to Paris in 1963 and has been a big part of the town's economy for more than 56 years. Many of our employees have worked for Cloyes their entire adult life and have more than 30 years of seniority with the company," said Steve Fairbanks, vice president of manufacturing for Cloyes. "It is a huge advantage for our company to be able to stay in this area and retain our employees' skill set and wealth of knowledge. It is also a great opportunity for the town to maintain high paying manufacturing jobs, which coincidentally are closely linked to jobs that our local career center is preparing our young and upcoming workforce for."

The 155,00-square-foot manufacturing plant manufactures highly machined powertrain gears, sprockets, and idler assemblies for automotive original equipment manufacturers, the automotive aftermarket, marine, and high-performance applications. The plant's key processes include machining, hobbing and shaping, heat treatment, and finishing, and is also home to a quality and metrology laboratory that supports both manufacturing and engineering product development.

"Our team is focused on growing the Cloyes brand and business which is evident with our continued investments in marketing, sales personnel, global expansion, manufacturing and

overall operations," said John Bohenick, chief executive officer for Cloyes. "Cloyes, the management team, and the owners are committed to our customers, the communities we work and live in, our people, and to the betterment of the industries we serve. We will continue to work to be a leading supplier by providing exceptional products, quality, and service to all customers." ([www.cloyes.com](http://www.cloyes.com))

## Hy-Tech Engineered Solutions

### ACQUIRES BOTH BLAZ-MAN AND GEAR PRODUCTS & MANUFACTURING

Hy-Tech Engineered Solutions is pleased to announce the acquisition of Blaz-Man Gear and Gear Products & Manufacturing; both Chicago based companies specializing in the manufacture and distribution of custom gears and power transmission gear products. The addition will triple Hy-Tech's capacity in gear production, as well as bring new expertise to expand into more complex spiral and straight bevel gear design and manufacture.

"Aside from the advantages this brings to new and existing customers in terms of expanded gear product availability, additional gear design engineering know-how and improved responsiveness, we expect it to help lower costs across the board as the new economies of scale come into play" observes Doug Ciabotti, Hy-Tech's president. "Adding Blaz-Man and Gear Products means we can better address the needs of dozens of industries for highly engineered gearing, design consulting and reverse engineering."

"We're most excited about our expanded capability to handle complex spiral, straight and hypoid bevel gearing applications which have traditionally been difficult to design and manufacture. Combining this bevel gear expertise with our dedicated production capacity for rush and breakdown requirements, as well as for "one-off" special orders, allows us to be a full-service partner to our customers, offering them complete gear solutions."



## Spiral Bevel Gears

- 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.



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### BEYTA GEAR SERVICE

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A LIFETIME  
OF  
GEAR  
DESIGN  
EXPERIENCE  
TO WORK FOR YOU**



- Reverse engineering
- Gearbox upgrades
- Custom gearbox design
- Specification development
- Project management
- Vendor qualification
- Design reviews
- Bid evaluations
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- Equipment evaluation
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The new companies will operate together with Hy-Tech's current gear company, Quality Gear, forming a new "Power Transmission Division" in Punxsutawney, PA. ([www.hy-techinc.com](http://www.hy-techinc.com))

## Emuge

### HOSTS GRAND OPENING OF EXPANDED MANUFACTURING FACILITY

Emuge Corp. held a Grand Opening ceremony of its significantly expanded, custom-designed manufacturing facility on October 15, 2019. Marking a 35-year presence in the U.S. along with increased growth in North America, the Emuge expansion includes more manufacturing and tool reconditioning space, the addition of a new PVD coating center as well as an expanded Technology and Training Center. The expanded facility doubles the size of the original building to over 50,000 square feet total.

Over 150 attendees joined Emuge to celebrate the occasion. The Grand Opening featured a formal ribbon cutting, a special unveiling of a statue of Emuge Founder Richard Gimpel, a full facility tour and live machining technology demonstrations. The impressive gathering demonstrated the importance of retaining and growing manufacturing technology in Massachusetts and the U.S.A.

"The expansion will allow us to better serve our customer base in the U.S. and Canada," said Bob Hellinger, president of Emuge Corp. "The growth we have experienced in our aerospace and power generation customer base has been significant in the past few years. The expanded facility will provide additional capacity to domestically manufacture special solid carbide tooling and other standard solutions within our milling tools portfolio."



Thomas Zeus (left) congratulates Bob Hellinger, Emuge president (right).

Hellinger added, "Our facility expansion will also allow us to continue our commitment to creating jobs in Massachusetts. We project to add 25 to 30 new employees over the next five years to our current roster of 75. I would also like to take the opportunity to thank all our employees who made this happen, and with special thanks to the Gimpel Family, owners of Emuge-Franken, for making this expansion a reality."

Emuge executives were joined by officials including John Killam, president/CEO for the Massachusetts Manufacturing Extension Partnership (MassMEP) who made remarks at the Grand Opening. "I would like to extend my congratulations to Emuge Corp. for its impressive facility expansion as well as its progressive employee training program. The Company is an excellent example of the importance of investing in its employees and why Massachusetts leads the nation in innovation," said Killam.

The expansion construction began in September 2018 and accelerated rapidly throughout 2019. Emuge currently has tool reconditioning capabilities in West Boylston for taps, end mills and drills, combined with the ability to manufacture tools such as spot drills, chamfer mills, carbide end mills, carbide special tooling, carbide step drills and make other round tool modifications. ([www.emuge.com](http://www.emuge.com))

## Gear Motions

### ANNOUNCES PERSONNEL CHANGES

Gear Motions announces the promotion of **Brittany McVea Dankiw** to manufacturing engineer, and the new hire of **Kris Gardner** as customer service/purchasing coordinator at its Nixon Gear Division in Syracuse, NY.

Dankiw has been a member of the team at Nixon Gear for nearly five years, previously serving as customer service/purchasing coordinator. When the need arose to add a member to the growing engineering team, Brittany was the obvious choice and was recently promoted to manufacturing engineer.

Dankiw's engineering education includes a B.E. in mechanical engineering and a US Coast Guard 3rd Assistant Engineer License from SUNY Maritime. Here, she gained experience working in the ship's engine room and developed skills in troubleshooting and problem solving. Her previous work experience also includes testing and design engineering for gears and gearboxes. She is currently furthering her training to become more proficient in the areas of gear and manufacturing engineering to help her succeed in her new role. As manufacturing engineer, Dankiw will help to improve processes and productivity in all areas of manufacturing, including streamlining and reducing waste.

Additionally, Gardner was hired to fill the role of customer service/purchasing coordinator.

Gardner brings many years of experience that will help him excel in his new role. He earned a B.S. in business management from SUNY Oswego in 2015, and most recently held a purchasing position as a contract administrator for government contracts. He also has experience in warehouse operations management and as a machine/heavy equipment operator at



Novelis in Oswego, NY. Everyone at Nixon Gear is excited to have Gardner on board and is confident he will do a wonderful job working with customers and vendors to provide excellent service. ([garmotions.com](http://garmotions.com))

## NIMS LAUNCHES FIRST-EVER INDUSTRY RECOGNIZED CAM CREDENTIALS

The National Institute for Metalworking Skills (NIMS) is now offering standardized Computer Aided Manufacturing (CAM) credentials, CAM Milling and Turning. "The CAM field continues to grow and is expected to create almost 100,000 new programmer, designer, and engineer jobs by 2024," said NIMS Executive Director Montez King. "It is imperative that people entering the field are properly trained and capable, and these credentials show a potential employer that applicants are ready to program CNC machine tools. Further, employees already on the job may wish to secure an official, portable, industry-recognized certification."

The new credentials are based on standards developed in partnership with and sponsored by Autodesk, a leader in 3D design and engineering software. Over 125 subject matter experts from organizations such as CNC Software, developer of Mastercam; Barefoot CNC; Arkansas State University Mid-South; CamInstructor, and custom machining technology leader, Rosenburger of North America, volunteered their insight during the rigorous development and piloting process of the standards.



Throughout the development process, field experts, within their technical work groups, identified the skills expected for entry-level CAM positions. As a result, these standards now define necessary competencies associated with job preparation, modeling, toolpath generation, documentation, written oral communication, machining mathematics, decision making and problem solving, social skills and personal qualities, engineering drawings and sketches, computer operations, and technologies.

"CAM is the first set of NIMS credentials to use our new Performance Measure (PM) Development Requirements for the hands-on component of the credential," said King. "The new model will allow schools and employers to customize their credentialing experience by using their own projects to validate

performance for NIMS credentials as long as they meet the minimum NIMS requirements."

Manufacturing companies are expected to benefit greatly by having properly trained CAM programmers, designers, and engineers. As cycle times decline, material waste and machining errors decrease, and the quality of parts increases with more capable personnel. It is predicted that individuals trained according to these standards will be in high demand in coming years. ([www.nims-skills.org](http://www.nims-skills.org))

## Mitutoyo America ANNOUNCES PARTNERSHIP WITH TITANS OF CNC

Mitutoyo America Corporation is pleased to announce a sponsorship agreement with Titans of CNC, a free project-based education platform that helps guide students and teachers on CNC machine operation and programming. The Academy provides over 3,000 free online courses in CAD, CAM and CNC machining techniques, and is now used by over 45,000 members in 170 different countries.

Mitutoyo metrology products will be featured in both the Titans of CNC show airing on Titan TV and will be utilized on Titan CNC Academy videos for demonstration purposes.

"As a leader in the field of precision metrology, Mitutoyo America is excited to partner with Titans of CNC Academy. We look forward to supporting skill development in US manufacturing by providing metrology experience and leading technology to the Titans of CNC team," says Matt Dye, president of Mitutoyo America Corporation.

Titans of CNC will highlight Mitutoyo products through video tutorials in Gilroy's personal manufacturing facility located in Rocklin, CA. These videos, along with other content, will be featured on Titans of CNC social media platforms including YouTube, Facebook, Twitter and Instagram.

Some of the Mitutoyo equipment featured will include: a MiSTAR Shop Floor CMM, Quick Image Vision System, SJ-200/400 Surface Roughness Tester, LH-600 Linear Height Gage, QuantuMike/QuickMike coolant proof micrometers, coolant proof calipers, U-Wave T and U-Wave FIT, MeasurLink 9 Data Management System, and other Mitutoyo metrology instruments and software.

Titans of CNC was started by Titan Gilroy as a CNC machine shop in Northern California focused on making the most difficult parts in aerospace. The company transitioned into a massive reality TV series as a world-first CNC educational platform recognized by a global network of engineers, machinists, hobbyists, students and educators.

"We are excited to officially partner with Mitutoyo," says Titan Gilroy, CEO, Titans of CNC, Inc. "Our mutual focus on educating the next generation of manufacturing professionals will not only inspire, but will also give practical knowledge of inspection practices to all." ([www.mitutoyo.com](http://www.mitutoyo.com))