

Continental

CELEBRATES 50TH ANNIVERSARY FOR MARYSVILLE, OHIO
PLANT

Continental's Marysville, Ohio, plant, its premier North American manufacturing facility for conveyor belting products, celebrated its 50th anniversary recently.

"We are proud to share in this golden jubilee celebration of a highly versatile and productive facility," said Jim Hill, ContiTech CEO for the North America Region. "This plant has made belting for facilities all over the world, and we are confident that it will continue that process into the future."



The 375,000-sq.-ft. facility rests on a 110-acre plot of land about 30 miles northwest of Columbus, Ohio. The plant shipped its first conveyor belt on August 31, 1967. Total employment at the location is 292. Marysville primarily produces fabric and steel conveyor belting to service many industries from mining to power generation to construction and wood products. It has the capability to produce the world's strongest conveyor belt, ST10000, which is a steel cord construction. Continental ContiTech acquired the plant in January 2015.

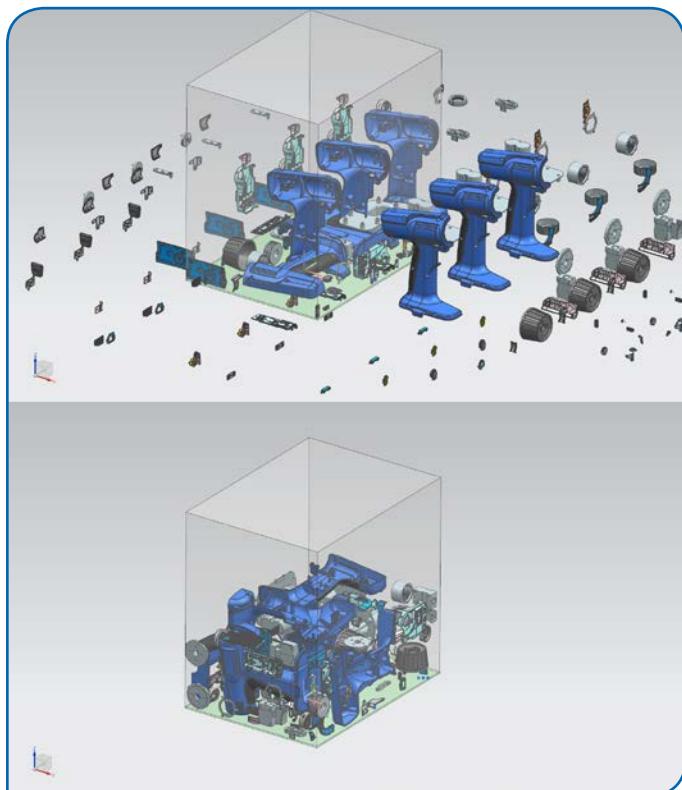
"We are all now part of an organization that will enable us to strategically position ourselves to provide dynamic growth for all of the markets in which we compete in the North America region," said Hill. "We continue to grow our customer network and provide the seamless distribution of our products with our focus on North America." (www.concitech.us)

Siemens and HP Inc.

PARTNER ON 3D PRINTING SOFTWARE SOLUTIONS

Building on a longstanding partnership, HP Inc. and Siemens are accelerating 3D printing for industrial production through the creation of a new HP-certified Additive Manufacturing (AM) software module from Siemens. The new software module, *Siemens NX AM* for HP Multi Jet Fusion, is now available from Siemens PLM Software as an extension to Siemens' end-to-end design-to-production solution for additive manufacturing. The *NX* software module will allow customers to develop and manage parts in a single software environment for their HP 3D Printing projects, avoid costly and time-consuming data conversions and third-party tools, and improve their overall design-to-finished-part workflow efficiency. Siemens and HP are also aligning future technology roadmaps to enable designers and engineers to completely reimagine products to take advantage of HP's 3D printing capabilities, escape the limitations of conventional manufacturing, and cost-effectively produce new products at faster speeds. This in turn will lead to greatly expanded opportunities for the industrial 3D printing of innovative designs.

Siemens' new software module will enable *NX* customers to combine design, optimization, simulation, preparation of print jobs, and inspection processes for HP Multi Jet Fusion 3D printed parts in a managed environment. Users can now load multiple 3D part models into *NX*, and auto nest and submit them to an HP 3D printer, all in a single environment and with a minimum of steps. The *NX* and Multi Jet Fusion



3D nesting in Siemens NX allows users to maximize the number of prints that can be executed within the build volume of the HP Multi Jet Fusion printer (courtesy of Siemens).

integration also eliminates the need for data conversion between software applications or process steps and, in the future, is intended to allow unprecedented control, including material characteristics down to the individual voxel-level. This will result in the ability to print parts with variable textures, density, strength and friction, as well as thermal, electrical, and conductivity characteristics.

"HP and Siemens are bringing together the best in design and manufacturing workflow software for the best in 3D printing, unleashing a wave of new product possibilities with the speed, quality, and economics required for the modern digital industrial era," said Michelle Bockman, global head of 3D Printing Commercial Expansion and Development, HP Inc. "We look forward to collaborating with Siemens to continually raise the industry bar on what's possible for customers with the voxel-level design capabilities of our Multi Jet Fusion 3D printing solutions."

Siemens and HP share the objective to industrialize additive manufacturing. HP's award-winning Multi Jet Fusion 3D printing solution is a production-ready commercial 3D printing system that delivers superior quality physical parts up to 10 times faster and at half the cost of current 3D printing systems. With Siemens' comprehensive offering covering product lifecycle management (PLM) and electronic design automation (EDA) software, integrated automation and manufacturing operations management, combined with HP's 3D printing solutions, manufacturers have the tools to establish additive manufacturing as a truly industrial production process. Both companies continue to work together and with other industry leaders to create an important ecosystem of partners who can help realize the goal of additive manufacturing as a viable production alternative.

"At Siemens, we see additive manufacturing as a transformative digital force that is empowering companies to reimagine their products and factories to achieve new levels of business performance," said Zvi Feuer, senior vice president of Manufacturing Engineering Software, Siemens PLM Software. "Deepening our partnership with HP and driving their innovative 3D printing technology is especially important as companies look to increase speed to market, differentiate on product performance, simplify production and supply chain operations, and implement new business models. As products become more complex and individualized, we look forward to the next frontier of 3D printed parts with multiple materials, tunable mechanical properties and integrated electronics." (www.siemens.com/plm)

Rocky Mountain Technologies

State of the Art Custom Design
and Consulting Services

Where Innovation and Solutions Meet

- We Deliver Custom Motors and Drives
- We Design Your Custom Motors and Drives
- We Assist with In-House Design and Consulting
- Prototyping, Pre-Production, Product Performance
- Strategic Partners Volume Sourcing



(406) 552-4260

sales@rockymountaintechnologies.com

Rocky Mountain Technologies, P.O. Box 210, Basin, MT 59631

BEYTA GEAR SERVICE

**PUTTING
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
- Tooling design
- Customized gear training
- Equipment evaluation
- Custom machine design

Charles D. Schultz
chuck@beytagear.com
[630] 209-1652

www.beytagear.com

Forest City Gear

WELCOMES PROCESS ENGINEER

Forest City Gear has added **Brian Gustafson** to its growing team of process engineers, with responsibility for creating the routings, machine instructions and process drawings that are critical to the success of every precision gear manufacturing project.

Gustafson has 15 years of diversified design and manufacturing engineering experience, ranging from CNC machining and programming to overseeing the shop floor operations of a gear production facility. He has a B.S. degree in Manufacturing Engineering Technology from Bradley University.

Gustafson's extensive manufacturing background made him an ideal candidate for the position, says Forest City Gear President Wendy Young. "His deep understanding of gear manufacturing processes gives him special insight into the needs our customers. He will be an important asset to help ensure that projects flow efficiently from order entry, to scheduling to shop floor production."

For over 60 years Roscoe, IL based, family-owned Forest City Gear has been one of the gear industry's leading sources for the development, manufacture and inspection of the highest quality gears, for use in applications that range from medical devices to motorcycles, airplanes to automation, even including the Mars Curiosity Rover. (www.forestcitygear.com)



Furthermore, through an existing exclusivity agreement with a leading supplier of steering actuation controls, Sheppard will be able to offer a compact, cost-effective, breakthrough technological solution that enables active steering control for commercial vehicle manufacturers in North America.

"This acquisition represents another key milestone as WABCO advances toward enabling self-driving commercial vehicles," said Jacques Esculier, WABCO chairman and chief executive officer. "We have a clear line of sight on the fundamental technologies—such as active steering, active braking, electronic stability control and other advanced driver assistance systems—which will enable significant intermediary steps on our industry's path to realize fully autonomous driving."

Full dynamic control of commercial vehicles—lateral and longitudinal—is necessary to progressively achieve the industry's vision of autonomous driving. The acquisition of Sheppard is a key capability toward providing lateral control through active steering, which is a cornerstone that complements WABCO's leading technologies in longitudinal control through active braking, stability and suspension controls.

Sheppard has been leveraging its technologies to develop products specially adapted for regions outside North America. Sheppard already manufactures and sells these products through a joint venture in China and will use WABCO's global network to reach into other regions.

"We are excited at the prospect of joining WABCO," said Oliver Hoar, president and chief executive officer, Sheppard. "Our leading technologies will be fully integrated into the strategy of this industry leader on a journey to create opportunities for further growth in North America and globally." (www.wabco-auto.com)

WABCO

ACQUIRES SHEPPARD

WABCO Holdings Inc., a global supplier of technologies and services that improve the safety, efficiency and connectivity of commercial vehicles, recently announced that it has signed an agreement to acquire privately held RH Sheppard Co., Inc., a key supplier of commercial vehicle technologies, including industry-leading vehicle steering capabilities, headquartered in Hanover, Pennsylvania.

The transaction is subject to customary U.S. regulatory clearance and it is expected to close by the end of the third quarter 2017. WABCO's purchase price is \$145 million, subject to customary adjustments. Sheppard had sales of \$130 million in 2016.

A key tier-one supplier in North America, Sheppard offers a suite of power-steering gears that has set the industry standard for heavy-duty commercial and specialty vehicles. Employing more than 900 persons, Sheppard also provides precision engineered engine pumps and state-of-the-art remanufacturing services. In addition, the company is vertically integrated with its own manufacturing and advanced foundry capabilities, which WABCO expects to use for some of its products.

Magnet Applications

INTRODUCES SALES MANAGER

Magnet Applications, Inc., a provider of compression bonded magnets, injection molded magnets and magnetic technical assemblies to the automotive, medical, defense and aerospace industries, recently announced that Jim Rundo has been hired as the company's new sales manager. As sales manager, Rundo will lead the company's sales team and oversee sales strategies throughout North America and targeted export markets.

Rundo assumes the role, which has been held by magnetics industry veteran, Mike Miller, for 25 years. Miller has announced his retirement effective February 2018. "Over his long career with Magnet Applications, Mike has built an unrivaled reputation for his passion and devotion to finding magnetic solutions for our customers," commented Don Lindstrom, general manager, Magnet Applications, Inc. "His leadership has played a critical role in our growth over the last several years. We are thrilled, however, that Mike will be working with Jim over the next several months to ensure a seamless transition to our customers and operations."

Regarding Rundo, Lindstrom commented, "Jim will be an outstanding addition to our management team, as he brings

a deep blend of industrial business development, market growth strategies and customer service experience, including in the power magnetic solution industry. I know he will work tirelessly with our sales team to broaden our reach while serving the needs of our current customers."

Rundo was formerly new business development manager for AirBorn, Inc., a leading designer and manufacturer of specialized connectors and electronic components. Prior to AirBorn, Inc., he was sales manager for the Schaffner Group, a developer of custom power magnetic solutions for single and multi-phase power applications.

He holds a bachelor of science degree in electrical engineering from Cleveland State University and an MBA from Regis University.

"With the explosion of industry advancements in automotive, medical and defense, Magnet Applications has a great opportunity to advance its market position. I'm excited to be working at a company that's truly on the move and eager to work with sales and marketing, roll up our sleeves and push the company forward," said Rundo.

(www.magnetapplications.com)

IDC-USA

ADDS DIRECTOR OF MEMBER SERVICES

IDC-USA is very pleased to announce the addition of **Bill Jacobs** as director of member services. Jacobs is a graduate of Xavier University with a bachelor's degree in management and marketing. He has spent his entire career of 30-plus years working in the bearing and power transmission industry. His responsibilities have included many management roles including marketing, ERP integration, and distribution center operations.

"Bill will be a great asset to IDC-USA not only because of his product and industry expertise, but also for his system integration knowledge and data management skills. Bill will help us streamline our processes going forward, and he will help enhance our data management systems as we continue to expand our IDC Marketplace initiative," stated George Graham, president and CEO of IDC-USA.

"I am eager to utilize my experience within industrial distribution at IDC-USA. I feel this is the ideal environment to apply my accumulated knowledge to assist in process improvements wherever possible and practical. I look forward to continuing the dedication to customer needs that sets independent distributors apart in the industry. My ultimate goal is to help our members close more sales more profitably. We will work in every way possible to streamline the supply chain to the benefit of our members and suppliers," commented Jacobs.

Jacobs' primary focus will be assuming responsibility for the Member Services group and will also become more in-

volved with IDC Marketplace and warehousing operations over time. "Bill will be a great addition in our continuous quest to add value to our Owner-Distributors and our Preferred Supplier Partners," Graham said. (www.IDC-USA.com)

IPS

OPENS NEW WAREHOUSE AND FIELD OFFICE IN IOWA

Integrated Power Services (IPS), a North American leader in the service and repair of electric motors, generators and mechanical power transmission components, has expanded its operations with a new warehouse and field service office in Des Moines, IA. The facility addition brings the IPS service network to 28 locations across North America.

The new IPS Des Moines facility is located at 4667 121st Street and offers managed storage of critical rotating and industrial assets, distribution and field services. Featuring a climate-controlled environment, the location will perform scheduled mechanical and electrical testing, distribute several OEM-partner products, as well as retain inventory of new critical replacement motors. The Des Moines facility will link with the Litchfield, MN and Cleveland, OH repair centers to bring low, medium and high voltage motor and generator repair as well as field service capability to customers in the IA, NE, KS and MO regions.



"The addition of the Des Moines Warehouse and Field Office represents IPS's commitment to bringing in-shop repair, field service and distribution to a geography where current and new customers have needs that can be supported by our comprehensive network of locations and industry-leading engineering services," said John Zuleger, IPS president and CEO. (www.ips.us)