

Kollmorgen

TEAMS UP WITH SEGWAY FOR PACK EXPO

Riding (or some say driving), a Segway Personal Transporter (PT) should be on everyone's bucket list — owning one is an even better idea. Mickey Simmons, research analyst at Proctor & Gamble, Cincinnati, Ohio, is experiencing the fun firsthand, after winning his own Segway x2 PT at the 2013 Pack Expo. This is the second time that Kollmorgen and Segway have teamed up to give away a brand new Segway x2 at Pack Expo as a way to demonstrate the Segway x2 drivetrain servo system designed and developed by Kollmorgen.

The Kollmorgen motor technology developed for Segway has unique and critical technical characteristics integral to its successful design and manufacture. Many of these breakthrough advances offer similarly beneficial application in packaging equipment. First and foremost is the incredibly high level of efficiency and high torque/

performance across its full range of speed capability — from a smooth, slow-speed crawl to 10,000 rpm — while ensuring the safety of the passenger with smooth, seamless acceleration and deceleration. An aggressive price point was another critical Kollmorgen development criteria for the servo system to ensure a successful product launch for the x2 PT in the consumer marketplace.



Throughout its design and development process, the x2 drive train provides an excellent demonstration of Kollmorgen's expertise and capability being partnered with the creative solutions objectives of their customer. Specifically for the x2 design technology, Kollmorgen's ability to leverage R&D breakthroughs in controls, drives and motors from their extensive industrial applications expertise was critical. Likewise, the economies of the Segway PT motor manufacturing system originated from Kollmorgen's high volume stepper motor manufacturing technology.

As for Simmons, winning a Segway x2 came as a real surprise, along with learning that a Kollmorgen servo is the power behind the machine and that Kollmorgen provides such technologically advanced solutions far beyond traditional electric servo motors. Back home in Cincinnati, Simmons and his wife, along with Keary Shaub, Kollmorgen field sales engineer, and Teri Shaub, Kollmorgen technical applications specialist, were treated to a great experience with personalized Segway x2 training and a tour of the beautiful downtown Cincinnati waterfront by the local Segway dealer, Segway of Cincinnati. In short order, Simmons is planning to order another x2 so that he and his wife can both ride the local Loveland Trail in Mason, Ohio and take their x2s camping... Scratch one from the bucket list.

power density for a servomotor capable of powering a large off-road tire drivetrain and carrying a full grown man — yet small enough to fit in the palm of a hand. Advanced winding technology, including patented dual motor windings to allow the rider to "limp" home in the event the primary winding fails, and multi-design function overmolding are among the breakthrough features of the x2 servo that provide this power and rugged compactness. The performance of the x2 servo drivetrain is best demonstrated by the Segway's excellent torque

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Maxon Motor

NAMES NEW COO

As of 1 December 2013, **Peter M. Grütter**, 47, has been named COO and member of the executive management board of Maxon Motor AG in Sachseln, Switzerland. Grütter previously worked for over 15 years in various management roles within the Schindler Group, most recently as senior vice president of the corporate quality division.

"We are very pleased that Peter M. Grütter, with his extensive international management experience, will be taking on the role of COO. He is a team player who actively maintains direct contact with customers and employees," said Eugen Elmiger, CEO of Maxon Motor.

Grütter worked at Schindler for 15 years. After several years as vice president of manufac-



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turing at the Swiss factory for high-performance elevators, he went on to manage the production sites in the USA from 2005 to 2010. Later, Grütter held the position of senior vice president of the corporate quality division. From 2001 to 2005, he was president of Schindler's vocational training center in Switzerland.

Grütter studied industrial management and manufacturing at the Swiss Federal Institute of Technology in Zurich (ETHZ). After his studies, he worked in various roles, including as factory manager at Rieter AG, before he joined Schindler in 1998. The Swiss-Canadian dual citizen is married with two children.

Manufacturing Institute

HONORS FEMALE EMPLOYEES AT BISON GEAR

Bison Gear and Engineering is pleased to announce that two of its associates, **Sylvia Wetzel** and **Christi Brazener**, were recently recognized by the Manufacturing Institute with the Women in Manufacturing STEP (Science, Technology, Engineering and Production) Award. The STEP Awards honor women who have demonstrated excellence and leadership in their careers and represent all levels of the manufacturing industry, from the factory-floor to the C-suite. In 2014, there are a total of 160 women being honored.

"We are very excited to have not one, but two honorees this year," said Martin Swarbrick, president and CEO of Bison Gear and Engineering. "Both Sylvia and Christi have shown remarkable dedication and service to Bison, and deserve to be recognized for their excellence."

Nominated by the College of DuPage, Wetzel, chief learning officer at Bison, is a solution-driven leader whose passion for education has led her to a role with a myriad of responsibilities and facets. Through humanitarian efforts, such as BisonCares, internal efforts, and external collaborations, Sylvia is actively engaging the workforce of today while simultaneously cultivating tomorrow's workforce. As an internal resource, she initiated a health program that offers free risk assessments, an on-site health provider, and dollar incentives for employees to embrace a healthy lifestyle.

Brazener, customer care manager, personifies the company's approach toward service, PRIDE (People Relentless In Delivering Excellence). She was instrumental in creating a customer service call center so that a customer call never



Sylvia Wetzel



Christi Brazener

goes to voicemail. Christi has developed a personal relationship with most of Bison's customers that allows the company to get the most accurate information about upcoming demand. She acts as a true customer advocate and a liaison between the customers and the internal workings of Bison.

"These 160 women are the faces of exciting careers in manufacturing," said Jennifer McNelly, president, The Manufacturing Institute. "We chose to honor these women because they each made significant achievements in manufacturing through positive impact on their company and the industry as a whole. The STEP Awards are part of the larger STEP Ahead initiative launched to examine and promote the role of women in the manufacturing industry through recognition, research, and best practices for attracting, advancing, and retaining strong female talent."

A recent survey from Deloitte and The Manufacturing Institute found that nearly 70 percent of American manufacturing companies have a moderate to severe shortage of available, qualified workers. In its second year, the STEP Awards Program was initiated in 2013 while Bison's Chairman and Owner, Ron Bullock, was Chairman of the Manufacturing Institute. On February 6, The Manufacturing Institute recognized 160 recipients of the STEP Awards at a reception in Washington, D.C.

Heidenhain

HIRES NORTH AMERICAN PRODUCT MANAGER FOR CONTROLS

Heidenhain Corporation recently announced the new hire of **John Parker** as the North American Product Manager for Controls. Bringing nearly 30 years of experience in the machine tool industry to this position, Parker will serve as Heidenhain's point person for the Computer Numerical Control (CNC) product lines (both Heidenhain and Acu-Rite brands), as well as serve as a liaison between the company's sales and marketing and engineering departments. Parker holds an electronics degree from Devry Institute of Technology. He then started his career at Acu-Rite Inc. in the 1980s where he initially served in field and customer service. Moving into a product specialist position, Parker also helped to introduce the well-known Acu-Rite MILLPWR control in 1994. In recent years, Parker has been employed by a machine tool dealership on the East Coast, representing Heidenhain and Acu-Rite brand products. Heidenhain is now pleased to bring him into the corporate family.

