

# Siemens Industry Inc.

## PARTNERS WITH TECHNICAL SCHOOLS FOR L.E.A.P. INITIATIVE

Siemens recently announced the launch of a new workforce development program for secondary and technical schools across America called L.E.A.P. — the Lifelong Educational Advantage Program. Made available through Siemens Cooperates with Education, the effort is designed to give high school and technical school graduates a basic-to-advanced machine tool knowledge that will benefit them in their future careers as CNC (Computer Numerical Control) machinists.

### Educational program

L.E.A.P. starts with Sinutrain, a PC-based, control-identical training system. This software turns any PC screen into an exact representation of the Sinumerik Operate graphical user interface. The numeric kernel (NC) that drives Sinutrain also powers the Sinumerik 828D and 840D sl controls. Comprehensive knowledge doesn't require investing in a machine, as all courses can be taught on a PC.



Through L.E.A.P., Siemens offers students and educators: PC-based training system using Sinutrain, same HMI, setup and simulation screens as actual machine controls, full basic-through-advanced CNC learning, modular content customized to curriculum, free instruction training, support and certification, hardware simulators and machine tool partners.

As part of the program, Siemens provides training courses in two machine tool disciplines: milling and turning. Each of the courses is divided into levels with pre-requisites. Each course level receives a complete curriculum, which includes both classroom and hands-on training models to increase student engagement and understanding. Upon successful completion of each level, students receive Siemens L.E.A.P. Certifications documenting the advanced skill sets needed in today's highly technical manufacturing careers.

"Currently, STEM (Science, Technology, Engineering and Math) jobs are growing at 1.7 times the rate of non-STEM jobs. Employers need graduates who are more than basic machine operators for basic parts cutting. Siemens CNC instruction best supports this career path from basic to advanced knowledge," explains Brian Hamilton, CNC education manager, Siemens Industry, Inc.

Additionally, Siemens offers the instructional content and support that technical schools require. In partnership with



machine tool builders such as EMCO, Romi, Index, Knuth and others, Siemens addresses the need for skilled manufacturing labor by preparing students for a career in the job shop or production department environments.

### Comprehensive understanding and higher performance

The Sinumerik CNC platform features a universal interface for rapid progression across control packages. One interface teaches students both basic and advanced CNC skills. As students learn the program and how to operate the Sinumerik 828D job shop control, they become equally comfortable in using the higher-level Sinumerik 840D sl CNC.

The Sinumerik CNC empowers more high-end machining applications than any other control technology platform in the world. Included among the CNC capabilities are universal HMI, true conversational language for operation, shopfloor programming and visual verification of the cutting cycle. All these features can be simulated on the PC seat provided with L.E.A.P.

### Getting started is easy

Once an educational institution is enrolled in the Siemens Cooperates with Education (SCE) program, a site assessment will determine which L.E.A.P. program best fits participating school needs. Assistance with the installation of the Sinutrain software package, as well as scheduling for instructor training and certification, are available.

([www.industry.usa.siemens.com/topics/us/en/cnc4you/Pages/certification-program.aspx?sp\\_source=usdf100019](http://www.industry.usa.siemens.com/topics/us/en/cnc4you/Pages/certification-program.aspx?sp_source=usdf100019))



# Machine Tool Builders

HANDLES SALES AND MARKETING ASPECTS OF DIABLO FURNACES LLC

Diablo Furnaces LLC is a new start-up company manufacturing, retrofitting, upgrading, servicing and supplying parts for atmosphere heat treating equipment. Operating under the name Diablo LLC, the infrastructure has been in place for 1½ years working with Machine Tool Builders (aka MTB). Separately launching its own company, Diablo LLC has a plethora of thermal processing knowledge as many employees have worked within the industry for commercial heat treaters and OEMs.

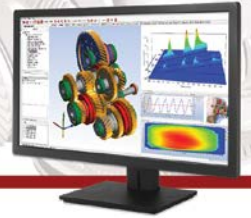


Diablo Furnaces LLC supplies the following products and services: Tubes, elements, fans, chain guides, pushers, roller hearths, retools, catalyst, recontrol of old equipment, conversions: electrical to gas, upgrading burner systems, repair kits, water and air cooled fans, IQF – Internal Quench Furnaces, box furnaces, tempers, washers and power transfer carts.

As its sales representative, Machine Tool Builders will be handling the sales and marketing aspects of Diablo. Machine Tool Builders was chosen as the official sales representative for Diablo equipment because of its reputation for excellence. MTB currently handles representation for: Hera, a hobbing equipment manufactured in Korea by Yunil Machine; Burri BZ generative gear grinders and PM-550T profile machine for threaded and non-threaded wheels manufactured in Germany by Burri GmbH; D+P (Donner + Pfister AG) gear checking and measurement systems with the flexibility of mobility. Systems are manufactured in Switzerland by Donner + Pfister AG (aka DPAG). MTB also rebuilds, recontrols, services and repairs gear cutting and grinding equipment. ([www.machinetoolbuilders.com](http://www.machinetoolbuilders.com))

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## ANCA

### NAMES NEW U.S. AND CANADIAN SALES MANAGER

ANCA Machine Tools (AMT) has named **Keith Grillot** sales manager for its U.S. and Canadian markets, according to Russell Riddiford, ANCA president. Grillot has previously held key positions with ANCA.



“We have a solid core group of highly competent associates and dealers and we will continue to work hard to exceed the expectations of our customers with the highest quality machine tools and professional competence in applications engineering and service,” Grillot said.

Recently, ANCA announced it is expanding its plant here by 50 percent to accommodate a greater inventory and spare parts warehouse capacity and a dedicated customer focus and training center. It will also double its machine demonstration area. ([www.anca.com](http://www.anca.com))

## Gleason

### ACQUIRES KISSOFT AG

Gleason Corporation has announced that it has acquired KISSsoft AG, located in Bubikon, Switzerland. KISSsoft is a leader in the development of design software for gears and power transmission systems, serving customers globally across a wide spectrum of industries.



Dr. Ulrich Kissling, the founder and chief executive officer of KISSsoft, comments: “We are excited about our future partnership with Gleason. Given Gleason’s mission as a Total Gear Solutions Provider, its strength in bevel gear design and its position as a world leader in gear manufacturing and metrology solutions, the potential opportunities to provide our customers with new solutions is compelling. In addition, Gleason’s global reach and long-time customer relationships will open up new doors for our products.”

John J. Perrotti, president and chief executive officer of Gleason Corporation, adds: “KISSsoft joining Gleason will deliver significant synergies and provide our customers greater value by linking design and manufacturing expertise, having the potential to to radically improve the efficiency of designs and the manufacturing solutions optimum for those designs. The KISSsoft team has developed a strong base of loyal customers that we look forward to serving together with KISSsoft.”

The KISSsoft management team and entire staff will remain intact with an ever-greater focus on serving its customers. They are looking forward to further collaboration with customers, partners and friends. ([www.gleason.com](http://www.gleason.com)) ([www.kisssoft.ch](http://www.kisssoft.ch))

## Klingelberg and Starrag

### ANNOUNCE COOPERATION FOR DEVELOPMENT OF GEAR MACHINING PRODUCTS

Klingelberg and Starrag have announced that they are going to cooperate on the development of powerful products for complete machining and a joint purchasing policy.

The first innovative project that Klingelberg and Starrag are going to implement together is the introduction of a five-axis machine for complete toothed gear machining, with which several process steps can be carried out on one machine. In this way, different manufactured parts will be able to be produced directly from bar stock in the future, which represents significant added value for the customer. The new product will be marketed under the Klingelberg name and will be presented to the general public for the first time at this year’s EMO trade fair in Hanover, which is taking place Sept. 18–23, 2017.

“We are the perfect match in terms of technological know-how and also with regard to market segments — Starrag has intensive coverage of the aerospace area, among other things, and we have a strong presence in the automotive industry, for example,” says Jan Klingelberg, CEO of the Klingelberg Group. Whereas Starrag has the entire technology spectrum for cutting, turning, drilling and grinding of metal workpieces in its portfolio, Klingelberg is the gearing technology specialist. This does not just include the development and production of machinery for bevel gear and cylindrical gear machining, but also the range of precision measuring centers for measuring all kinds of rotation-symmetrical components. An automatic connection can be realized between the Klingelberg measuring technology and the production machines using the closed loop assistant system, which no other competitor on the market has. The gearing specialist’s software provides a continuous digital process, which guarantees that there will be a reliable and precise production procedure from construction to workpiece.

The cooperation is going to start with joint development of the machinery. Other cooperation projects are also in the pipeline. “We have deliberately sought out the Klingelberg Group as our partner because we have a very similar company philosophy and culture,” explains Walter Börsch, CEO of the Starrag Group. ([www.klingelberg.com](http://www.klingelberg.com)) ([www.starrag.com](http://www.starrag.com))

## PTG CEO Dr. Tony Bannan

### APPOINTED OFFICER OF THE ORDER OF THE BRITISH EMPIRE

**Dr. Tony Bannan**, 52, chief executive officer of Rochdale-based Precision Technologies Group (PTG), received the OBE from HRH The Prince of Wales at an investiture at Buckingham Palace on Friday, Jan. 27, 2017.

Dr. Bannan was appointed an Officer of the Order of the



British Empire in the Queen's 90<sup>th</sup> Birthday Honors List 2016, in recognition of his services to the UK economy, international trade and inward investment.

After joining PTG company Holroyd Precision as technical director in 1999, Dr. Bannan became managing director of PTG's machine tools divisions (Holroyd Precision, Binns & Berry and Crawford Swift) in 2007. He was appointed as group chief operating officer in September 2008, and then PTG's group chief executive officer in June 2010.

Referring to his appointment, Dr. Bannan said that he was: "Very proud and humbled to be recognized with such a great honor," and that "Credit for the accolade must be given to my family, for the many years of patience and support as I've travelled the world on behalf of the business — and to the many colleagues, past and present, that I've been lucky enough to work with.

"Without the commitment, skills and imagination of the people who have worked in and led PTG — and before that, Holroyd — what has been built and exists today might never have been," he continued. "I am lucky to have benefited from a strong legacy, and I remind myself and those around me of this fact very often. It is very important to recognize our duty to successive generations."

As a further example of PTG's achievements, in 2015 Holroyd Precision was presented with the Queen's Award for Enterprise, the UK's highest accolade for business success. Holroyd received the award for International Trade, having achieved year-on-year growth in exports. This was the fourth occasion that Holroyd won the Queen's Award. ([www.ptgltd.com](http://www.ptgltd.com))

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