

Bernhard Kapp

(1921-2014)

Dr.-Ing. E. H. Bernhard Kapp, a passionate entrepreneur and founder of the Kapp Group, passed away on July 13, 2014 at the age of 93. His inventiveness and leadership spanned over 50 years in the machine tool industry. Following five years in the military and completing his studies, Dr. Kapp started his professional life at the firm Waldrich in Coburg as a design engineer. He became a shareholder and general manager of the company at the age of 29. He successfully led this company for 27 years with his brother-in-law Otto Waldrich. Also at this time, in 1953 he founded his own company, Kapp & Co in Coburg, motivated by the urge to create something of his own, and to generate jobs. Today the Kapp Group is among the world's leading manufacturers of machine tools for hard and soft finishing of gears and profiles with 850 employees worldwide and facilities in Germany, USA, Brazil, Japan and China.



Dr. Kapp firmly believed qualified educational support and technical training is the most important investment for the future. With this philosophy he started an apprenticeship workshop within his manufacturing facility in Coburg. Dr. Kapp's expertise and leadership was also in demand by other companies. Numerous national and international companies and institutions have named him to their management and supervisory boards including the German Trade Fair and Exhibition AG, Gildemeister, Fiat, Krupp Hoesch, Iveco, Internazionale Holding Fiat, Werner & Pfleiderer, Trumpf, the Ifo Institute, the Fraunhofer Society and the University of Coburg. Dr. Kapp's ideals continue to flourish today, with the success of the Kapp Group under the leadership of his son, Martin Kapp. The machine tool and gear industries have lost a revered man, and true pioneer with the passing of Dr. Bernhard Kapp.

Sandvik

CELEBRATES GRAND OPENING OF U.S. HEADQUARTERS

Sandvik, Inc. celebrated the grand opening of its new U.S. headquarters in Fair Lawn, New Jersey. The 100,000 square foot facility contains a combination of modern office space, extensive meeting facilities and a state of the art Productivity Center and Aerospace Application Center for customer training, engineering and process development. Among the many attending the event were Congressman Scott Garrett, Mayor John Cosgrove and Sandvik CEO Olof Faxander. Garrett praised Sandvik's continued commitment to the community and local economy since the 1950's and presented the company with a Certificate of Congressional Recognition. Cosgrove recognized the company with a Proclamation declaring July 1, 2014 "Sandvik, Inc. Day."



"This is an important milestone and I am so pleased to commend Sandvik on this outstanding accomplishment," Garrett said. "With its customer-centric approach to business and commitment to innovation, Sandvik has been a vital asset to New Jersey and the surrounding communities." Mayor Cosgrove added, "Sandvik is a well-known and well respected business entity that gives back to the Fair Lawn community."

In design and construction of the new building Sandvik made energy efficiency and sustainability a priority. Over 75 percent of all waste generated from the construction was diverted from landfills by reusing, recycling, and repurposing materials. Furthermore, Sandvik donated the majority of the furnishing and equipment from previous headquarters to local charities, schools, and fire departments throughout the community. "Fair Lawn and New Jersey have been home to Sandvik for nearly 60 years. Like our beloved red oak in front of the main entrance, Sandvik looks forward to being part of the Fair Lawn community for many years to come," states Askin.

Mitutoyo America

OPENS HOUSTON SOLUTION CENTER

Mitutoyo America Corporation is pleased to announce the opening of a new M3 Solution Center in the south central United States region, located in Houston, Texas. This new, 8,000 sq. ft. center is conveniently located minutes from the George Bush Intercontinental Airport. Customers can schedule appointments for product demonstrations and acquire assistance with measuring solutions and application challenges. "Our goal is to provide timely metrology solutions to our customers, in a region that is home to a booming oil industry. The benefit of opening this new M3 Solution Center is the acces-



sibility in offering experienced metrology specialists to our customers that could provide up to date and knowledgeable metrology information for any situation they may encounter,” says Alan Jackson, regional sales manager, South Central region. For more information, visit www.mitutoyo.com.

Timken

COMPLETES SPOFF OF TIMKENSTEEL CORP.

The Timken Company recently announced that it has completed its spinoff of TimkenSteel Corporation, which begins trading as an independent public company tomorrow on the New York Stock Exchange under the symbol “TMST.”

“The spinoff offers exceptional opportunity to drive value for both The Timken Company and TimkenSteel Corporation, their respective employees and shareholders,” said **Richard G. Kyle**, president and chief executive officer of The Timken Company. “We offer congratulations to Tim Timken and the entire TimkenSteel team on their launch as an independent steel company, and wish them every success in advancing their leadership position as a special bar quality steelmaker. At the same time, we extend a special thanks to Timken associates for their hard work and commitment in successfully facilitating the separation.”



Timken announced in September 2013 that it planned to separate its steel business in a tax-free spinoff to Timken shareholders. This spring, the Timken board of directors declared a distribution of all outstanding common shares of TimkenSteel Corporation through a dividend. At the close of business on June 30, Timken shareholders received one common share of TimkenSteel Corporation for every two common shares of Timken they held as of the close of business on June 23, 2014.

TIMKEN

After the spinoff, The Timken Company will continue to focus on its bearings business as well as power transmission products and related services, which include gearboxes, chain, lubrication systems, transmissions, and other related rebuild and maintenance services. “We are committed to creating value

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for our customers and our shareholders,” said Kyle. “The separation is now behind us and we are focused on growing our business in targeted markets across the world.”

VDMA Machine Vision Board

WELCOMES NEW MEMBERS



Donato Montanari, general manager of the Machine Vision Business Unit of Datalogic Automation in Italy, and **Lou Hermans**, COO at CMOSIS in Belgium were recently elected by the VDMA Machine Vision members to strengthen the board of the VDMA Machine Vision unit. The election was conducted as a result of the decision taken at the last Members’ Assembly of VDMA Robotics + Automation with regard to the opening of the association to European members. “Becoming



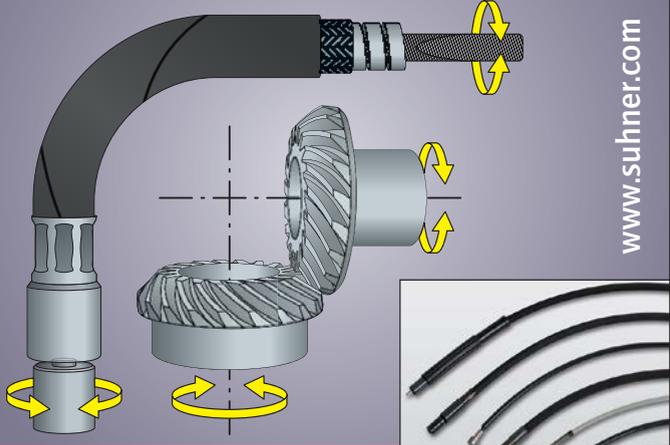
a member of VDMA is natural for CMOSIS since we already have a very good working relationship with many members of its Machine Vision Group. There is a big potential for stepping up the technological leadership of our group if we work closely together, and VDMA Machine Vision provides an excellent platform for us to do so,” said Hermans.

Montanari added: “I would like to thank the VDMA and its members for the opportunity of serving on the board. As a non-German member, I will make it my first goal to increase the number of non-German companies in the association. I am convinced that European companies can bring a different and complementary perspective to the machine vision industry.”

According to the results of the recent VDMA Machine Vision Market Survey, the industry turnover of the machine vision industry in Germany increased its turnover by 8% in 2013 reaching the mark of 1.6 billion euro. The growth impetus came mostly from exports: While domestic turnover stagnated, exports from Germany went up by 15% in 2013. The export share rose from 55% to a new all-time high of 58%. Due to a very favorable order intake in the first five months of this year, the German machine vision suppliers are expected to expand their sales volume by 10% in 2014 exceeding a sector turnover

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of close to 1.8 billion Euro. According to the latest VDMA market survey, the sector turnover in Europe grew even by 10%, with a further growth expectation of 12% in 2014.

Mazak

SOUTHWEST EVENT FOCUSES ON LEAN MANUFACTURING

Mazak invited manufacturers to its Discover More with Mazak event in July at the company's Southwest Technology Center in Houston, Texas. Attendees had the opportunity to learn how to shorten lead times, increase part quality and boost profitability using the company's highly versatile machine tools and applications expertise. The company demonstrated the latest multi-tasking, five-axis, milling and turning processes on Mazak machines including the Integrex i-300S multi-tasking machine that employs a second spindle to efficiently produce medium to large complex parts; the Quick Turn Nexus 550 MY turning center that features milling capability and Y-axis functionality to process long, large-diameter parts in single setups; the



Orbitec 20 large part machining center that can perform a variety of operations on difficult-to-rotate workpieces in a single setup; and the space-saving Vertical Center Universal 400A 5X that uses a five-axis rotary/tilt table.

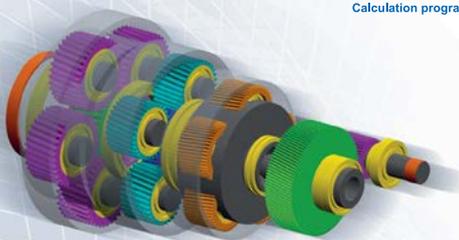
Applications engineers were also available to discuss new ways attendees can streamline their operations. For example, Mazak machines can perform multiple processes in a single setup, which helps minimize material handling and work-in-process inventory. Also, the company's user-friendly CNC technology gives operators the flexibility to change setups on Mazak machines very quickly. Furthermore, the company encouraged attendees to present their part-production challenges so its engineers could offer solutions for overcoming such difficulties.

H-D Advanced Manufacturing

ACQUIRES SUNGEAR, INC.

H-D Advanced Manufacturing Company (H-D) has acquired Sungear, Inc. (Sungear), a manufacturer of high precision gears and assemblies for the aerospace industry. Sungear is the

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fourth acquisition completed under the H-D platform, joining Overton Chicago Gear Corporation, a manufacturer of large, high-precision gears and gearboxes, Innovative Mechanical Solutions (iMECH), a manufacturer of highly engineered, custom bearings for the directional drilling motor industry and Leading Edge Heat Treating Services Ltd., a provider of heat treating solutions.

Headquartered in San Diego, CA, Sungear manufactures complex, high quality, precision gear components for many of the world's leading aerospace suppliers. The company's loose gearing and gear assembly products perform critical functions in engine starters, auxiliary power units and other applications. Sungear manufactures products for both OEM and aftermarket applications across a broad range of commercial and defense platforms. Sungear's current President, Roger Gizicki, will continue to lead Sungear within H-D's gearing division.

"The addition of Sungear's expertise and reputation for quality with some of the world's largest aerospace customers advances H-D's goal of becoming a leading global manufacturer of mission-critical products across a wide range of industries," said H-D CEO, Chris DiSantis.

"After over 30 years of growth and relationship development as a family-owned business, I am thrilled to lead Sungear in its next chapter as a part of H-D," said Gizicki. "We are eager to partner with H-D and its tremendous financial, operational and business development resources that can help us take Sungear to new heights for our customers."

Trescal

ANNOUNCES ACQUISITION STRATEGY IN NORTH AMERICA

Trescal, the international specialist in calibration services, today announces the acquisition of US company Master Metrology, Inc. and Gefran's Italian metrology assets. Respectively, based in Towson (Maryland, USA) and Provaglio d'Iseo (Italy) and A2LA and Accredia accredited. With an annual turnover of \$2 million and 16 employees including 7 engineers, Master Metrology increases Trescal's growing presence in the US and also broadens its technical offer, notably in the dimensional and torque domains.

Gefran's Italian metrology laboratory, with annual sales of €800,000 and 5 employees including 4 engineers, will be merged with Trescal's existing laboratory in Brescia, growing its lab-based offer in Italy's humidity, temperature and climatic chamber calibration sector, within laboratory and on site. The deals were completed with the support of Trescal's majority shareholder, Ardian, the premium independent private investment company. They are the fifth and the sixth build-up transactions executed following Ardian's acquisition of Trescal in July 2013.

Guillaume Caroit, General Secretary of Trescal Group, said: "These acquisitions fit perfectly with our development strategy, both in the US where we hope to achieve a leading position in the next two years and also in Europe, where our ambition is to extend the technical offer to our clients. We are working on two or three build-up to be closed before the end of the year."



Raymond Wood, Founder and President of Master Metrology added: "Master Metrology is one of a number of fast growing companies that are contributing to the resurgence of Maryland manufacturing. The acquisition by Trescal expands our market-leading position and gives our customers access to greater technical capability across a broader geographic footprint." Thibault Basquin, Managing Director in the Mid Cap Buyout team at Ardian, said: "Trescal's ambitious international growth strategy reflects both the strength of Trescal's management team and the level of support which Ardian always gives its portfolio companies."

PMA

EXPECTS SLIGHT DOWNTURN IN METALFORMING BUSINESS CONDITIONS

According to the June 2014 Precision Metalforming Association (PMA) Business Conditions Report, metalforming companies expect a slight downturn in business conditions during the next three months. Conducted monthly, the report is an economic indicator for manufacturing, sampling 124 metalforming companies in the United States and Canada.

The June report shows that 31% of participants predict that economic activity will improve during the next three months (down from 33% in May), 54% expect that activity will remain unchanged (down from 60% last month) and 15% believe that economic activity will decline (up from 7% in May).

Metalforming companies also forecast a dip in incoming orders during the next three months, with 37% predicting an increase in orders (compared to 43% in May), 45% expecting no change (up from 43% in May) and 18% predicting a decrease in orders (up from 14% in May).

Current average daily shipping levels declined in June. Thirty-five percent of participants report that shipping levels are above levels of three months ago (down from 45% in May), 46% report that levels are the same as three months ago (up from 40% last month), and 19% report a decrease in shipping levels (up from 15% in May).

Adcole Corp.

NAMES REECE PRESIDENT AND CEO

Adcole Corporation, a manufacturer of special purpose machines for measuring engine components such as camshafts, crankshafts, and pistons, as well as sun angle sensors for space satellites has appointed **Brook Reece** president and CEO. Adcole was founded in 1957 by Addison D. Cole who was president and CEO for 57 years, retired at age 95, and sold the business to



Artemis Capital Partners. Terms of the purchase were not disclosed. Reece previously served as vice president sales at Adcole Corporation for 20 years and is uniquely qualified to lead the company. "Our heritage is one of innovation and trusted accuracy and our vision is to be the most trusted and valued name in the space and industrial metrology industries. We are presently on an extremely fast product development track in response to the rapid technological changes in engine development. Innovation is our heritage and central to our future business strategy," he said.

Sandvik

SUPPORTS HURCO CHIPMAKER CHALLENGE

Hurco recently announced that Sandvik Coromant will donate \$1,000 worth of tooling to the champion of the Chipmaker Challenge, a contest designed to highlight manufacturing entrepreneurship, which will be held at the International Manufacturing Technology Show Tuesday (IMTS), Sept. 9, at 1:30 p.m. at the Hurco booth (S-8619). The winner will walk away with their choice of a brand new Hurco VMX42i CNC mill or TM8i lathe in addition to the Sandvik Coromant tooling of their choice. "The idea of the Chipmaker Challenge evolved as we discussed ways to add some excitement to IMTS and get publicity for the entrepreneurs in our industry who do remarkable things each and every day," said Joe Braun, general manager of Hurco North America. "Our customers are competitive, proud of the businesses they've built, and the products they make. We decided to model the Chipmaker Challenge after the television show Shark Tank in order to create an exciting, competitive, entertaining event that showcases manufacturing entrepreneurs and highlights the hi-tech aspect of manufacturing in this country."



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