

2018 Engineering Showcase

KTR Corporation

KTR Corporation is a wholly owned and operated subsidiary of KTR Systems GmbH with over 40 subsidiary companies in 26 countries. Our extensive product line began over 50 years ago with the BoWex® curved tooth gear coupling and the ROTEX® torsionally flexible jaw coupling.

Our technological strength and innovative problem-solving concepts have earned us several prestigious design awards.



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KTR utilizes 3D CAD systems, finite element analysis and our ability to simulate actual field conditions within our own R&D facility. These tools are employed during the design of new products producing custom solutions geared to our customers' individual specifications.

Made for Motion



Manufacturing is performed on state-of-the-art CNC machinery to ensure the highest grade components. We manufacture to AGMA and DIN standards to meet the exacting demands of a global marketplace. Our quality control system is overseen by a dedicated staff that takes pride in providing customers with excellent service, consistent products and exceptional value.

KTR Corporation is recognized as a highly competent power transmission partner. Our objective is to manufacture products of the highest quality, provide superior service, product availability and expert technical assistance at the lowest possible cost to our customers.

Gear Technology

Gear Technology is where the world turns for information about gears and gear manufacturing. We reach a broad-based audience of gear industry professionals involved with every phase in the life of gears and geared products, from conception to design, from design to manufacturing, from manufacturing to inspection, from inspection to purchase and from purchase to end use.

Our magazine, website and e-mail newsletters are read in more than 60 countries around the world, at huge multinational corporation and small job shops, in high-tech engineering offices and on the factory floor.

If you have an interest in gear design, engineering or manufacturing, you should subscribe at: www.geartechnology.com/subscribe.htm

If you have an interest in reaching our audience of gear industry professionals, you should look into our advertising options at: www.geartechnology.com/adinfo.htm

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gear

TECHNOLOGY

System Components, Inc.

'Excellence in Design & Manufacture' is more than just a tagline for **System Components, Inc.** Long prior to our incorporation in 1974, Eugen Gawreluk, founder and President of System Components, had a dream to abandon the world of large corporations to *design and manufacture* a company of his own where he could combine his passions for consulting and manufacturing with a group of innovative, problem solving employees with compassionate customer service.



The company was born contract machining for various power transmission applications until 1980 when a screw compressor manufacturer reached out and awarded Eugen his first large contract. Today, that is still a very important relationship for the company.

Already having experience designing special couplings, System Components launched the Powertork® line of Flanged and Continuous Sleeve Gear couplings along with the FlexTork® line of Elastomeric Element Couplings.

In 2007, System Components earned the ISO 9001 certification and has continued to improve and maintain that to this day.

System Components' Powertork® Gear Couplings were designed to interchange flange-to-flange with other industry standard manufacturers, whereas the FlexTork® Elastomeric Coupling is a completely unique, drop-out rubber element style coupling.

To stand apart in the well-established Gear Coupling market, System Components offers Grade 8 bolts, O-Ring Seals, and manufactures from forgings. The FlexTork®

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coupling line offers the highest speed and torque rating for their size of any coupling on the market, up to 8 degrees of misalignment, torque ratings up to five times higher than competitive products, requires no lubrication, cushions shock loads, dampens torsional vibration, and is electrically insulated.



In an effort to further diversify the company, System Components partnered with international manufacturers to bring you Disc Couplings, FlexTork® Rubber Industrial Couplings, and Howdon's WedgeGard™ a unique alternative to traditional shear pin torque limiting.

In just over 50 years, System Components, Inc. has been able to go from one man with a dream, a drill press, and an engine lathe to a highly-respected company with the ability to manufacture couplings up to 47" in diameter, for shafts up to 27", over 60 machines, 45 employees, and countless loyal customers who's partnership encourages us to continually improve the work we do every day.

