Krone Establishes Digitalization Strategy with Siemens Digital Innovation Platform

- Agricultural machinery company to use software solutions from Siemens including product lifecycle management (PLM) to expand technological leadership

Siemens Digital Industries Software has announced that Maschinenfabrik Bernard Krone GmbH & Co. KG, a leading agricultural machinery company based in Germany, has selected the Siemens Digital Innovation Platform to help establish its digitalization strategy. Using solutions including the Teamcenter® portfolio and NX™ software, Krone will launch a new digitalization program that will support processes over the entire product lifecycle as well as collaborative work between departments by leveraging the broad, integrated solutions that are part of the Siemens Digital Innovation Platform.

“Establishing a PDM / PLM solution at Krone creates an important backbone for our overall digitalization strategy,” said Dr. Goy-Hinrich Korn, CIO at Krone. “We have a vision and plan to enable the digitalization of our company but without a solid base, these would not be sufficiently supported. We are confident that working with Siemens’ software will help solve both our existing issues as well as meet our new requirements.”

The Krone product portfolio ranges from simple agricultural machines, such as small mowers, to highly complex field choppers for interplant use. The market requires increasingly efficient industrial machines with new sensor technology and more sophisticated software functions. Along with the need to extend the product lifecycle for this equipment, manufacturers in this industry face many challenges, including global competition, multi-site manufacturing, compressed development
cycles, total cost-of-ownership reductions, fuel economy, and regulatory emissions standards. Meeting these challenges is easier with an integrated set of design, simulation and manufacturing software tools that can be managed in a unified and integrated environment.

“A single-source data management system is an essential tool for heavy equipment manufacturers such as Krone, who need to manage the different forms and data created, while keeping focus on engineering, manufacturing and product lifecycle,” said Urban August, Senior Vice President and Managing Director for Siemens PLM Software, Germany. “Our solutions for the heavy equipment industry can help Krone excel in today’s challenging and dynamic environment and deliver innovative products while decreasing total cost of ownership.”

Krone has a multi-phase roll out planned to implement the software, beginning with a focus on CAD data migration including 150 seats of NX. Later phases of the implementation will shift the focus to product lifecycle management (PLM) software including 400 seats of Teamcenter. This initial install base will form the foundation for the strategy and allow room to build upon in the future, including various areas of expansion and interest such as quality management systems (QMS), IoT, simulation and computer-aided manufacturing (CAM) solutions.

For further information on solutions for the Industrial Machinery and Heavy Equipment industries, please see https://www.plm.automation.siemens.com/global/en/industries/industrial-machinery-heavy-equipment/.

Siemens Digital Industries Software is a leading global provider of software solutions to drive the digital transformation of industry, creating new opportunities for manufacturers to realize innovation. With headquarters in Plano, Texas, and over 140,000 customers worldwide, Siemens Digital Industries Software works with companies of all sizes to transform the way ideas come to life, the way products are realized, and the way products and assets in operation are used and understood. For more information on Siemens Digital Industries Software products and services, visit www.siemens.com/plm.
Siemens Digital Industries (DI) is an innovation leader in automation and digitalization. Closely collaborating with partners and customers, DI drives the digital transformation in the process and discrete industries. With its Digital Enterprise portfolio, DI provides companies of all sizes with an end-to-end set of products, solutions and services to integrate and digitalize the entire value chain. Optimized for the specific needs of each industry, DI’s unique portfolio supports customers to achieve greater productivity and flexibility. DI is constantly adding innovations to its portfolio to integrate cutting-edge future technologies. Siemens Digital Industries has its global headquarters in Nuremberg, Germany, and has around 75,000 employees internationally.

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. The company is active around the globe, focusing on the areas of electrification, automation and digitalization. One of the largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. With its publicly listed subsidiary Siemens Healthineers AG, the company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2018, which ended on September 30, 2018, Siemens generated revenue of €83.0 billion and net income of €6.1 billion. At the end of September 2018, the company had around 379,000 employees worldwide. Further information is available on the Internet at www.siemens.com.

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