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komax WIRE



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KOMAX AND ITAC ARE COLLABORATING

NEW MES FOR THE WIRE PROCESSING INDUSTRY 4.0

As leading companies we are bundling our competencies effective immediately: Komax Wire as a specialist in wire processing solutions and iTAC Software as an MES manufacturer. This collaboration is giving rise to a manufacturing execution system (MES) specially geared to the sectoral specifics of the wire processing industry. The system will be unveiled for the first time at the Komax In-house Show from October 25 through 27, 2016, at Komax headquarters in Dierikon.

Companies of the wire processing industry face growing challenges with respect to the quality and efficiency of production as products become more complex. Marc Schürmann, Vice President Marketing, Sales and Services at Komax Wire, explained, "The requirements placed on the quality of wire harnesses and wire connections, for example in automobiles, will continue to rise because the number of electronic components in the vehicle is increasing and these components are taking on more and more functions critical to safety." He added, "The products being made will be more complicated to pro-

cess due to the miniaturization of contact elements. New materials will be used while the cost pressure on the products will continue to rise." In addition, there is the task of having to aspire to zero-defects production at the same time.

That is precisely the focal point of the collaboration between iTAC and Komax Wire: The resulting manufacturing execution system (MES) ensures end-to-end transparency in all production areas of wire processing while simultaneously boosting productivity and quality.

iTAC Software is providing an MES with a broad range of functions that help to control and optimize wire-specific processes and support production as a whole. This state-of-the-art system has proven itself in a variety of sectors and possesses the corresponding technological and functional intelligence required in the wire processing industry for the use of a modern MES.

Optimizing the value chain

Komax Wire contributes its years of industry and process expertise along the entire value chain in wire processing. As the leading manufacturer of innovative, high quality

well as to its modules for order planning and manufacturing optimization that are sector-specific and Industry 4.0 capable, and to its business intelligence for use in wire processing.

The new MES is a full-scale ME system for controlling the entire range of wire harness production: machines, manual workplaces, operating aids, material flow, resources. It enables wire harness manufacturers to produce their complex products on time in the desired quality while making optimum use of the materials and of the tangible and intangible resources. The machine specifics can be

» **THANKS TO THE PARTNERSHIP BETWEEN KOMAX WIRE AND ITAC, OUR CUSTOMERS BENEFIT FROM COMBINED KNOW-HOW** «

solutions for wire processing, Komax Wire provides support for safe and efficient manufacturing processes. Through the bundling of the competencies of the two companies, the resulting MES has specific functions that fulfill the requirements of the wire processing industry to a T. The solution is scalable and customizable, so it can be adjusted to meet customer needs. At the same time, it can be used by companies of different sizes; in other words, by small and medium sized enterprises as well as large corporations. The MES has a unique standing in the wire processing market owing to these facts as

depicted in detail, which means a product can be produced exactly to specification. All Komax machines and all other machines are fully supported in the process.

The end-to-end solution is designed for the entire supply chain of wire processing companies – from incoming goods to all production processes to shipping. Komax is thereby taking yet another important step toward being a supplier of complete solutions for wire processing companies. The MES will be presented to customers, partners and other interested parties at the Komax In-house Show on October 25, 2016.

About iTAC Software AG:

iTAC Software AG, an independent company of the mechanical and plant engineering group Dürr, provides Internet-enabled information and communication technologies for the manufacturing industry. Founded in 1998, the company is one of the leading MES providers in Germany. The iTAC.MES.Suite is a cloud-based Manufacturing Execution System that is used worldwide by companies in different industry sectors such as automotive manufacturers and suppliers, electronics/EMS/TC, medical technology, metal processing and energy. Additional services and solutions for the implementation of the requirements of Industry 4.0 round off the portfolio. iTAC's philosophy is connecting people, data and systems.

iTAC Software AG has its headquarters in Montabaur (Germany) as well as a branch in the USA and a global partner network for sales and services.

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