



Mechanical engineering meets Industrie 4.0: KUKA at the China International Import Expo

Augsburg/Shanghai, November 2018 – KUKA presents intelligent automation concepts for the production of tomorrow at the first China International Import Expo (CIIE) from 5 to 10 November 2018.

Easy-to-use, flexible use and networking: these requirements are increasingly shaping industrial production. In Hall 4.1, Booth B2-01, KUKA shows concretely how the worlds of mechatronics and digitalization merge, thus enabling new production concepts.

"New technologies will change production," says Dr. Till Reuter, CEO of KUKA AG. "China is one of the most important future markets. Our goal is to become number one in robotics in China. We are therefore delighted to present a highly complex, networked model factory at a trade fair in China for the first time here at CIIE. "

Smart Factory enables networked production

For KUKA, Industrie 4.0 stands primarily for networking of automated processes. Intelligent machines will soon collaborate in global networks. KUKA is showing at the CIIE in concrete terms what this can look like with the Smart Factory.

Visitors experience live how cobots, mobile and classic industrial robots, AGVs and software solutions such as the Swisslog warehouse management system SynQ interact in production. User-friendly robot applications and cobots assist people with production and quality assurance. Autonomous, mobile robots supply the production robots with components, thereby ensuring their continuous workload.

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Modular software platforms for warehouse management control the effective use of the mobile assistants that communicate with each other. The KUKA Connect software integrates all the mechatronic components and the various application-specific digital platforms. With KUKA Connect, it is also possible to access all machine information and the status of production at any time. The Smart Factory produces – of course – a robot even though only in model format, but with special engraving. The traditional company KUKA is celebrating its birthday this year: For the 120th anniversary of the automation specialist, visitors receive an individually engraved anniversary robot.

A broad robotics portfolio

The Smart Factory links mechatronic components and digital solutions. As innovation leader and driver of Industrie 4.0, KUKA also has the right robots for its intelligent automation concept. At the CIIE, the company demonstrates its broad robotics portfolio in the low payload range: from the sensitive lightweight robot LBR iiwa to the slender KR CYBERTECH Nano for handling small components to the smallest member of the small robotic family, the fast and compact KR 3 AGILUS.

A special guest

On the first day of the fair, KUKA's brand ambassador Timo Boll is a guest at the booth. Only in the fall, the record table tennis player became European champion in singles and continues to play at the world's top with 37 years. Visitors to China International Import Expo will have the opportunity to experience the world-class athlete up close.

KUKA Group

KUKA is a global automation corporation with sales of around 3.5 billion euro and roughly 14,200 employees. As one of the world's leading suppliers of intelligent automation solutions, KUKA offers customers everything they need from a single source: from components and cells to fully automated systems for the automotive, electronics, consumer goods, metalworking, logistics/e-commerce, healthcare and service robotics industries. The Group is headquartered in Augsburg.