

Always a perfect fit: the new LRXplus linear robot from KraussMaffei

- Improved functions of the proven LRX series ensure more flexibility and efficiency
- Can be combined with practically any system: with injection molding machines from KraussMaffei, from other manufacturers or for any other automation task
- Live @Fakuma: PXZ 121 sandwich application and as an innovative stand-alone version in combination with a popcorn machine

(Parsdorf, 09.09.2024). Robust, reliable and fast - the new LRXplus linear robots from KraussMaffei offer numerous functions that make production even more flexible and economical. Thanks to their compatible interfaces, the new LRXplus can be combined with practically any system - be it with injection molding machines from KraussMaffei or other manufacturers, or with any other automation task. Visitors to Fakuma can experience the market debut of the new linear robots live at the KraussMaffei stand (October 15 - 19, Hall A7, Stand 7303). The new LRXplus will be demonstrated in a multi-component application on an all-electric PXZ 121 and as an innovative stand-alone version in combination with a popcorn machine.

Maximum availability and minimum service costs

The new LRXplus linear robots are particularly robust and are characterized by a long service life. The traversing axes have a new profile geometry and are now made of crash-resistant aluminum or steel. This not only reduces unplanned downtimes to a minimum, but also enables cost-effective maintenance.

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Improved user-friendliness thanks to new MC7 control

The LRXplus also stands for enhanced functionality and user-friendliness in the area of control technology with the new MC7 control. The new user interface is intuitive and impresses with freely configurable operating buttons. In addition, the proven teaching function has been further improved so that the desired movement sequence can be implemented quickly.

The overall result is an optimized user experience, which is also ensured by the new 10" multi-touch display. This saves valuable time both during setup and operation.

LRXplus - the evolution of the LRX series

The new LRXplus retains the proven advantages of the LRX series from KraussMaffei. These include, for example, high precision thanks to high-performance rack and pinion drives on the axes and a high residual load capacity of the robots.

The powerful servomotors continue to ensure fast acceleration and synchronous movements reduce cycle times. In addition, the absolute encoder (multiturn) eliminates the need for time-consuming referencing when starting the robot. This in turn speeds up the start-up of the robot and the start of production.

Live @Fakuma: LRXplus serves fresh popcorn

Visitors to Fakuma can see the benefits of the new LRXplus linear robot live at the KraussMaffei stand. The LRXplus takes over the automation tasks in the multi-component application on an all-electric PXZ 121. KraussMaffei demonstrates how flexibly the LRXplus can be integrated into any peripheral equipment with a creative approach: in the stand-alone version, the LRXplus cooperates with a popcorn machine and serves visitors fresh popcorn – just flexibly, safely and deliciously.

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01_PM_2024_09_LRXplus.jpg

Always a perfect fit: The new LRXplus linear robots from KraussMaffei can be easily integrated into any periphery

02_PM_2024_09_MC7 control.jpg

Focus on user-friendliness: the new MC7 control impresses with a 10" multi-touch display and freely configurable operating buttons

Photos: KraussMaffei

Further information and images in print quality are available at:

www.kraussmaffei.com

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KraussMaffei - Pioneering Plastics

KraussMaffei is among the world's leading manufacturers of machinery and systems for the production and processing of plastics and rubber. Our brand stands for cutting-edge technologies – for more than 185 years. Our range of services covers all areas of injection molding machinery, extrusion technology and reaction process machinery. In 2022 we added additive manufacturing to our portfolio. This broad range of technologies gives KraussMaffei a unique selling point in the industry. With the high innovative power of our standardized and individual product, process, digital and service solutions, we can guarantee customers sustained additional value over the entire value-adding chain. Our range of products and services allow us to serve customers in many sectors including the automotive, packaging, medical and construction industries, as well as manufacturers of electrical and electronic products and household appliances. KraussMaffei employs around 4.700 people all over the world. With more than 30 subsidiaries and over 10 production plants, as well as about 570 commercial and service partners, we are represented internationally close to our customers. The company was founded in 1838 in Munich. Today, KraussMaffei is part of Sinochem Holdings Corporation Ltd., one of the world's leading chemical companies.

Further information: www.kraussmaffei.com

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