

Press release

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fruitcore robotics at the Motek 2024:

AI-supported automation solutions for efficient machine loading and parts separation

Constance, 03.09.2024 - fruitcore robotics will be presenting innovative, AI-supported automation solutions for machine loading and parts separation at Motek 2024. In hall 7, stand 7204, visitors will experience the latest generation of industrial robots, customized solution kits and the intelligent horstOS control software in action. The simple setup and operation of the systems using horstOS and the integrated AI Copilot can be tested on site.

In times of global competition, increasing cost pressure and a shortage of skilled workers, the automation solutions from fruitcore robotics offer a decisive advantage: they optimize production processes quickly and efficiently with minimal project effort. The solution kits are tailored to different production scenarios and integrate seamlessly into existing processes, enabling companies to achieve significant time and cost savings.

Solution kits in action: efficient solutions for every requirement

At Motek 2024, fruitcore robotics will be presenting the Part Separation Solution Kit and the latest modular Machine Tending II Solution Kit. The latter consists of standardized component kits and can be individually configured for specific applications. This enables fast and flexible adaptation to both production requirements and various machines such as CNC machines, presses, laser and injection molding systems. With flexibly configurable parts provision and the use of a double gripper, the Machine Tending II solution kit offers maximum autonomy times and short machine intervention times.

HORST1500: An industrial robot of the latest generation

HORST1500 will be presented at the trade fair as a central component of the Machine Tending II solution kit. This industrial robot of the latest generation, developed for machine tending and palletizing processes, impresses with its fast cycle time. With a reach of 1485 millimetres and a payload of up to 15 kilograms, it is extremely versatile. Its compact design and maneuverability enable maximum flexibility in confined spaces, while its ability to position itself close to machines allows it to reach deep into the work area.

horstOS: Intelligent control of entire applications

horstOS is the central control software for automation with HORST. It provides efficient support for setting up, programming and controlling processes and makes it easy to implement complete applications thanks to 3D visualizations and predefined programs. The integrated AI Copilot helps in natural language and makes the implementation of automation projects even faster and more efficient.

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Experience live: Innovations and highlights at Motek 2024

fruitcore robotics will be offering a comprehensive insight into the latest developments and technologies of its Digital Robot Platform at Motek 2024, complemented by exciting live demonstrations and practical applications. One particular highlight will remain a secret until the trade fair and will be unveiled there exclusively.

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Meta-Title: *fruitcore robotics at Motek 2024: AI-supported automation solutions and innovations*

Meta-Description: *Experience the latest automation solutions from fruitcore robotics, AI-supported industrial robots, efficient solution kits and the intelligent control software horstOS at Motek 2024. Visit fruitcore robotics in hall 7, stand 7204, and test live the innovations that optimize your manufacturing processes.*

Keywords: *#fruitcorerobotics #AI industrial robots #automation solutions #machine tending #part separation #innovations #Motek2024*

Social Media: *At Motek 2024, fruitcore robotics will be demonstrating how easily and effectively entire applications such as machine loading and parts separation can be implemented with its AI-supported automation solutions. The latest generation of industrial robots, customized solution kits and the intelligent horstOS control software with AI Copilot will be presented in hall 7, at stand 7204. Particularly exciting: visitors will be able to test the simple setup and operation of the systems themselves using horstOS and the AI Copilot. One particular highlight will remain a secret until the trade fair and will be unveiled there exclusively.*

Image material

(Preview, will be provided separately in better quality)

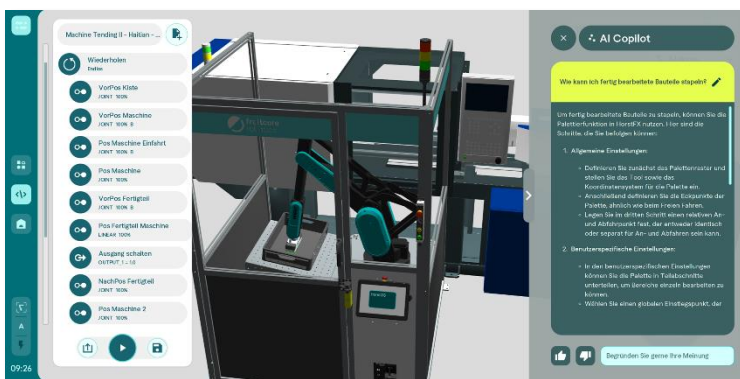


Caption: The modular Solution Kit Machine Tending II from fruitcore robotics automates the loading and unloading of machine tools with minimal effort.

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Caption: Thanks to flexible parts provision, the Solution Kit Machine Tending II enables maximum autonomy times, while the double gripper realizes short machine intervention times.



Caption: The horstOS central control software with AI Copilot - effortless component setup, intuitive programming, 3D visualization, flexible system control.

About fruitcore robotics

With its Digital Robot Platform, fruitcore robotics offers all the building blocks for automation in industry - from project planning to ongoing operation. At the heart of the Digital Robot Platform are the intelligent industrial robots HORST, developed in-house and optimized using AI. The product portfolio includes three models of the HORST digital robot with a reach of 600 - 1,500 mm and a payload of up to 15 kg. In addition, the holistic approach of the Constance-based company includes central AI-supported control software for the rapid implementation of simple and complex applications, preconfigured automation modules and supporting services. The robot systems are made in Germany and include numerous patented innovations, first and foremost the robot gearbox invented by fruitcore robotics.

fruitcore robotics was founded in 2017 and currently employs around 100 people. In addition to its headquarters in Constance at Lake Constance, the company has another production site in Villingen. The deep-tech company has received several awards, including the Best of Industry Award from MM Maschinenmarkt magazine in the Robotics category (2020), the special prize from Mittelständische Beteiligungsgesellschaft Baden-Württemberg (MBG), which was awarded as part of the 2020

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Innovation Prize of the state of Baden-Württemberg, and the German Innovation Award 2021 (“Winner” in the Excellence in Business to Business - Machines & Engineering category). You can find further information at www.fruitcore-robotics.com

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