

Press release

Syntegon Technology

Syntegon wins German Packaging Award for gentle handling system IDH

- Picker technology based on linear motors ensures gentle handling
- Jury praises high output as well as format, pack style, and layout flexibility combined with space-saving design
- German Packaging Award underlines Syntegon's innovative strength in new pick-and-place technology

Waiblingen (Germany), August 9, 2023. For the fourth year in a row, Syntegon has won the German Packaging Prize from the German Packaging Institute (Deutsches Verpackungsinstitut e.V.). The IDH handling system convinced the jury in the "Packaging Machines" category. It highlighted the innovative picker technology, which enables manufacturers to drastically reduce the space required from the infeed belt to the packaging machine. Despite its compact footprint, the system offers a high degree of format, pack style, and layout flexibility. "Our Intelligent Direct Handling System, or IDH, ensures both high pack style flexibility and particularly gentle handling – the latter of which also minimizes product loss", says Daniel Bossel, Product Manager at Syntegon. "This award shows that we are continuously contributing to innovate and sustainable packaging technology. The prize also underlines Syntegon's decades of robotics expertise for the food industry."

Linear motor technology ensures gentle handling

The picker technology, which is based on innovative linear motor technology, is at the heart of the IDH. Each of the pickers can be controlled individually by a motor. Its slow and smooth movements minimize mechanical stress. Delicate products such as cookies and crackers are transported gently from the process belt into a feeder or directly into trays. The IDH pickers grip the products with minimal vacuum application. This reduces damage and product breakage – an important step in minimizing food waste while ensuring optimum line efficiency.

High flexibility thanks to innovative robotics technology

The new pick-and-place technology is also key to the IDH's high flexibility: depending on the production volume, manufacturers can integrate up to 40 pickers. Together, they can achieve a maximum output of up to 1,250 products per minute. The system groups and loads cookies in four different formats: slug and pile packages in trays or flow wrappers. Its high pack style flexibility makes the IDH an efficient and versatile solution for the high-speed sector and fits seamlessly into Syntegon's pick-and-place portfolio.

The German Packaging Award

The German Packaging Institute (dvi) has been awarding the German Packaging Award since 1963. The international competition is the most important European showcase of achievements in the packaging industry and is held annually under the

Chairman of the Supervisory Board: Marc Strobel
Managing Directors: Dr. Michael Grosse,
Dr. Walter Bickel, Dr. Peter Hackel

Phone +49 7151 14 0
E-Mail press@syntegon.com
Website www.syntegon.com/press
Twitter @Syntegon

Visitor address
Stuttgarter Straße 130
71332 Waiblingen

Syntegon Technology GmbH
Postfach 11 27
71301 Waiblingen
GERMANY

patronage of the German Federal Minister for Economic Affairs and Energy. An independent jury evaluates the best innovations and solutions in a total of ten categories.

###

Images



The pick-and-place robots of Syntegon's Intelligent Direct Handling (IDH) system ensure gentle handling of delicate cookies and crackers thanks to integrated linear motor technology.

Contact

Jela Grubesa
Spokesperson Product Communications Food
+49 7151 14-2159
jela.grubesa@syntegon.com

About Syntegon

Processing and packaging for a better life – this is what 5,800 Syntegon employees work for every day. Be it with individual machines, systems, or services, Syntegon helps its customers in the global pharmaceutical and food industries to improve people's lives. The company, which is headquartered in Waiblingen, Germany, looks back on more than 160 years of experience and achieved annual sales of 1.4 billion EUR in 2022. In the pharma sector, the company's intelligent solutions enable the safe and high-quality production, processing, filling, inspection, and packaging of liquid and solid pharmaceuticals. In the food industry, Syntegon's flexible and reliable technologies produce and pack confectionery, dry food, frozen food, and dairy products. With 1,100 service experts and a comprehensive service portfolio throughout the entire machine lifecycle from spare parts management to digital line optimization, Syntegon lays the foundation for smooth production processes for all customers. More than 35 sites in almost 20 countries keep a firm eye on Syntegon's impact on the environment and society. Syntegon is a leader in the development of

sustainable packaging solutions, reduces the energy consumption of its machines and pursues ambitious goals to lower its emissions. www.syntegon.com