

PRESS RELEASE

Product

Innokit Neo Flex: KHS presents its new modular labeling machine

- Successor to the Innokit SE launched
- Labeler provides fast conversions and very long service life
- Modular stations for great flexibility

Dortmund, July 7, 2020 – More and more customers are asking for modular systems and solutions. The KHS Group is thus systematically restructuring its engineering portfolio – also as regards labeling technology. Its prime move here is the addition of the modular Innokit Neo Flex machine to its tried-and-tested Innokit Neo series. With its quick-change modules this extremely flexible system masters all standard labeling techniques. Furthermore, thanks to the low maintenance effort and very long service life users benefit from low operating costs.

With its new labeling machine the KHS Group is consistently advancing its modular system design strategy and strengthening its portfolio in uniting the KHS Innokit Neo Flex and KHS Innokit Neo in a single series. This supersedes the previous Innokit SE generation of machines.

Flexibility first

Thanks to the Innokit Neo's flexible design the individual modules on this highly customizable labeler can be freely combined. Henrik Kahrman, who works in Product Support at KHS, outlines the benefits. "In the past there was a separate machine for each different labeling technique. This

was optimized for its specific area of application but reached its limits when customers wanted to expand their portfolio, for example by adding self-adhesive labeling in combination with the classic cold glue method.”

With the Innoket Neo KHS has developed a machine that can be configured at will thanks to its modular design. The new Innoket Neo Flex goes several steps further when it comes to standardization and meets all customer demands in a single series – regardless of whether with permanently installed stations or as a modular machine. Depending on the machine size and respective requirements the Flex series can be equipped with two to four modules. These are exchanged with just a few manual adjustments performed without tools.

Labeler convincing with its wide range of application

The Innoket Neo Flex also demonstrates great flexibility in the choice and size of container. The machine labels both plastic and glass containers and cans in all of the standard sizes. The output totals up to 74,000 containers per hour. Depending on requirements all further standard capacity ranges can also be catered for.

The flexible Innoket Neo Flex can be used as either a single machine or as part of a production line. “Our labelers have been designed so that they can be easily integrated into any existing or planned line,” says Kahrman.

Low maintenance and ease of operation

Another advantage of the new modular machine is its extreme ease of operation. With its patented folding door technology the machine carousel and individual stations are readily accessible at all times. Moreover, no additional cladding is required for the area beneath the machine table. In addition, operators profit from bearings lubricated for life that make the labeler extremely low maintenance and reduce the amount of lubricant

needed. The new, ergonomic HMI provides great ease of operation. This can be moved by the operator to the required position very simply.

The Innoket Neo Flex is equipped with future-proof TIA¹ technology from Siemens. “The combination of TIA Portal and SIMATIC S7-1500 controller results in significant performance benefits in the control unit’s reaction time,” Kahrmann explains. The labeling machine also has a simplified electronics concept, in which most of the components are installed in the control cabinet. The perfect combination of central and decentralized control calls for much less cabling.

Fast supply of spare parts and consumables

Parallel to the standardization of its machine series KHS has also significantly speeded up the supply of spare parts to its customers. At the same time the supply for all existing machines continues to be ensured without limitation. For optimum operational behavior and low wear KHS provides all of the necessary consumables such as glue and also advises its customers on materials that are difficult to process at its own label laboratory – especially set up for this purpose.

For more information go to: www.khs.com/en/media

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¹ TIA = Totally Integrated Automation.

Pictures and captions

(Source: KHS Group)

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Picture captions

Innokit Neo Flex 1

In the Innokit Neo Flex KHS provides a highly flexible machine that thanks to its modular design manages all of the conventional gluing techniques.

Innokit Neo Flex 2

Extreme ease of operation: with its patented folding door technology the machine carousel and individual stations are readily accessible at all times.

Innokit Neo Flex 3

This flexible machine labels both plastic and glass containers and cans in all of the standard sizes.

Innokit Neo Flex cold glue module

Depending on the machine size and respective requirements operators can connect two to four modules up to the machine.

Innokit Neo Flex PSL module

The labeling process is converted with just a few manual adjustments performed without tools.

Henrik Kahrmann

“With the Innoket Neo Flex we provide our customers with a modular, future-proof machine that masters all of the standard labeling techniques,” explains Henrik Kahrmann, Product Support for the KHS Group.

About the KHS Group

The KHS Group is one of the leading manufacturers of filling and packaging systems for the beverage and liquid food industries. The KHS Group includes the following companies: KHS GmbH, KHS Corpoplast GmbH and numerous subsidiaries outside Germany, located in Ahmedabad (India), Sarasota and Waukesha (USA), Zinacantepec (Mexico), São Paulo (Brazil) and Suzhou (China).

KHS manufactures modern filling and packaging systems for the high-capacity range at its headquarters in Dortmund, Germany, and at its factories in Bad Kreuznach, Kleve, Worms and Hamburg, where the group's PET expertise is pooled. The KHS Group is a wholly owned subsidiary of the SDAX-listed Salzgitter AG corporation. In 2019 the KHS Group and its 5,149 employees achieved a turnover of around €1.260 billion.

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