



Modular packaging machines – As flexible as the alphabet

To be ahead of trends you must first understand them. KHS does more than that – we set the trends. Thus, the modular machines series KHS Innopack Kisters is the result of our future-oriented thinking and sets highest standards in terms of flexibility.

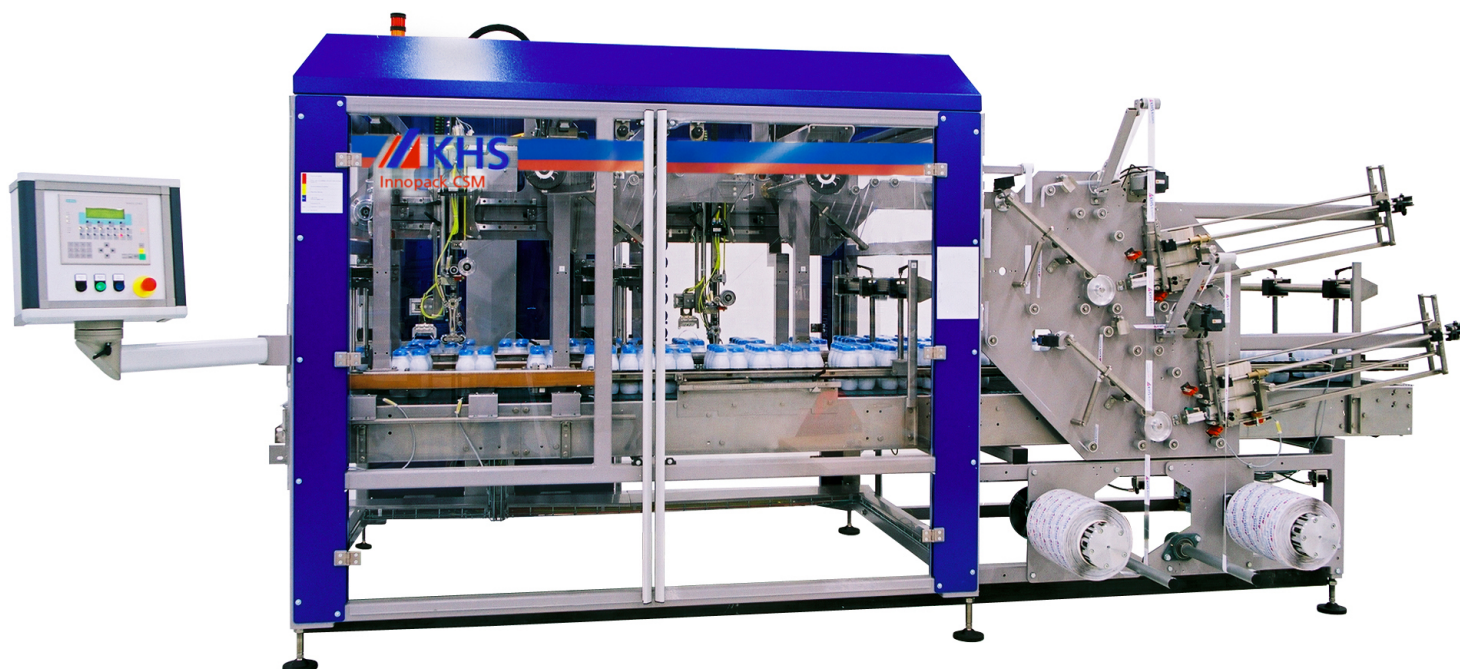
KHS Innopack Kisters packaging machines provide technology with well-proven efficiency at the highest level. Process and function modules allow for application-oriented adaptation of the machine at any time.

With the KHS Innopack Kisters CSM, KHS offers a handle applicator that leaves nothing to be desired. By using state-of-the-art servo and pneumatic technology the machines are very flexible and applicable for a wide range of products.

High or low, long or short, light or heavy, round or square – the continuously operating KHS Innopack Kisters CSM applies handles on all types of packs –

primarily on film and carton multipacks. This machine also handles special contour packs. Furthermore the Innopack Kisters CSM processes all different kinds of handles such as pre-finished handles from a roll that stores up to 7000 m or paper and plastic labels to be laminated in the machine.

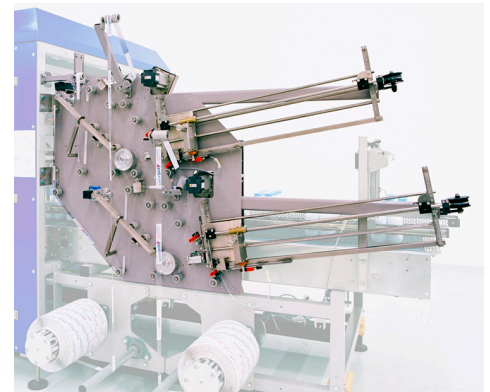
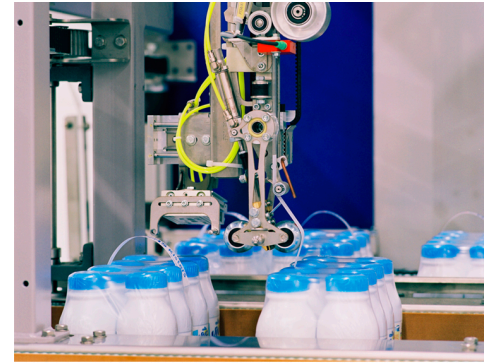
If particular carrying comfort is desired, foamed plastic handles can also be applied. The bail height is adjustable to the product and thus guarantees optimal carrying comfort. This exceptional flexibility is mainly due to the patented application head powered by two servo drives and therefore able to move horizontally and vertically at the same time. Due to modular design this machine is available in single, two or three lane version and from 50 up to 70 cycles per minute and meets the demands of almost every production line.





Customer benefits

- Patented, low-mass application head for perfect positioning of the handle
- Same format parts for all packs
- Quick format change in a few minutes (exactly reproducible)
- Freely programmable handle length for optimal carrying comfort
- Handling of pre-finished handles or optionally laminating handles in the machine
- Processing of soft handles for improved carrying comfort
- Optionally adaptable label magazine with integrated laminating device
- Very low maintenance costs thanks to comprehensive design and use of cam belt drives
- Reliable operation with a high degree of stability by using the latest servo technology from Bosch Rexroth
- Serially integrated metering belt to handle back pressure
- Optimal positioning characteristics even at high speeds
- Simple mounting of adhesive tape
- Very good accessibility for operation and maintenance in all areas through large protective doors
- Operator friendly operating panel OP 170 B from Siemens or Panel View Plus from Rockwell
- Application of control technology used worldwide from Siemens or Allen Bradley guarantees optimal availability of spare parts and service as well as simple integration in existing systems
- Mature, proven machine functions and high quality standards guarantee a machine availability of min. 98% for many years



Technical Data

Machine speed: up to 70 cycles/min
Number of lanes: up to 3
Pack dimensions in running direction (length): min. 65 mm, max. 350 mm
Pack dimensions crossways to running direction (width): min. 80 mm, max. 450 mm
Pack height: min. 100 mm, max. 360 mm
Handle width: 25 mm
Handle length: min. 150 mm, max. 500 mm
Label length: min. 120 mm, max. 220 mm
Ø of cross-wound spool: max. 450 mm
Weight of cross-wound spool: max. 25 kg
Ø of cross-wound spool cover: 152.4 mm / 6 inches
Machine dimensions, length: 2500mm to 5800 mm (depending on type)
Width: 1300 mm to 2000 mm (depending on type)
Height: min. 2150 mm
Weight: 1200 to 1800 kg (depending on type)/Label magazine + 200 kg
Operating air pressure: 6 bar
Consumption of compressed air : 50 to 150 NL/min

Options

- Integrated label magazine
- External label magazine
- Single lane operation in multi lane machine
- Processing of soft handles
- Application units with adjustable spindles for multiple lane operation
- Allen Bradley control
- ReDiS remote interface for maintenance

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