



Highly efficient packaging machines for flexible production

The KHS Innopack Kisters Basic series has been especially developed to meet the growing demand for compact, fully automatic, and economical packing machines.

As a result, the machines of the Basic series offer fully developed packaging technology with the highest standard of field-proven economy. By implementing the latest in servo drive technology and KHS' specially developed spindle adjustment the Basic series provides maximum flexibility when it comes to the variety of processible formats and easy format changeover.

The optionally available electric or gas heated shrink tunnel offers users options for implementing the most cost-effective form of energy. The gas-heated Eco shrink tunnel cuts energy costs by up to 50% and CO2 emissions by up to 60%. The porous combustion technology used by KHS requires no air supply or exhaust system whatsoever.

Film-wrapped packs are capturing greater and greater shares of the market. Because of the minimum amount of packaging materials used, they represent an exceptionally economical alternative to other types of packaging. The outstanding capabilities for graphic placement increase the effect of marketing messages.

Whether pre-packed product clusters, bulk products, various diameters and heights, and/or changing packing formations – all are doable. The fully automatic shrink packers are easy to operate, reliable, and flexible in operation. Speeds of up to 60 cycles per minute open up efficient options in the beverage trade as well as food and non-food industries. Maximum shrink pack stability highest possible packing material savings are guaranteed by exactly shrink-wrapping the film around the product.

Optionally integrable add-on systems such as free gift, CD, and coupon inserters and film perforating systems provide additional capabilities for giving packs an attractive appearance.





Customer benefits

- Simple and fast format changing guarantees optimum flexibility for changing packaging requirements
- Excellent packing quality thanks to product-optimized shrink technology
- Fully developed, tried and tested machine functions and high quality standards ensure a machine availability of up to 98% over a period of many years
- Optionally using a gas-heated shrink tunnel results in low operating costs
- Large-sized sliding doors offer excellent access to all areas for operating and maintenance
- Touch-sensitive control panel with clearly arranged information in almost all national languages. Intuitive operator prompting using color graphical symbols in the machine diagram.
- Pressureless, gentle product feed of bulk or pre-packed products

- Reliable operation coupled with high interference immunity/EMC by using the latest in Bosch-Rexroth servo technology with decentralized IndraDrive MI drives
- Very high positioning accuracy when using printed film (up to ± 3 mm)
- Use of control equipment implemented worldwide (Siemens or Allen Bradley) ensures optimum availability of spare parts and service in addition to easy integration into customer-provided systems
- Fully automatic belt control for long conveyor belt service life (no compelled guidance)
- Low wear part requirements (< 2.5% of the machine price per year) ensure low operating costs
- Variable machine speeds for efficient adaptation to the line capacity



Technical Data

- Machine capacity:** up to 60 cycles/min
- Number of lanes:** up to 3
- Container sizes:** min. 55 mm, max. 110 mm
- Height:** min. 110 mm, max. 350 mm
- Pack sizes in direction of travel, length:** min. 110 mm, max. 270 mm
- Pack sizes across direction of travel, width:** min. 110 mm, max. 430 mm
- Film sizes, width:** max. 880 mm (including spreader)
- Length:** min. 500 mm, max. 1,170 mm
- Thickness:** min. 40 my, max. 80 my
- Film reel sizes:** max. 500 mm
- Weight:** max. 130 kg
- Machine dimensions (L x W x H):** 12,130 mm to 14,430 mm (type-dependent) x 2,050 mm x 2,355 mm
- Weight:** 6,300 kg to 8,550 kg

Options

- Gas-heated Eco shrink tunnel to reduce energy costs by up to 50% and CO2 emission by up to 60%
- Electrostatic end-of-reel detection sensors for minimum film waste
- Leaflet inserter
- Film perforating systems
- Multiple web operation
- ReDiS remote maintenance interface