



Packaging Systems for a
More Flexible Production

KHS Kisters – Evolutionary packaging systems at the highest level

Our innovative ideas are utilized around the world! What is most decisive for KHS Kisters clients is not to accept any packaging solution but only the best – in technical and economic respect.

It is demanding quality without compromise and pacesetting technical products which have made KHS Kisters successful.

The KHS Kisters know-how accompanies you reliably with every step towards each individual solution. Pick up your problems, never give up your ideas and wrap up successfully.

You, too, may profit from intelligent packaging techniques of a worldwide market leader.



Market leader in many fields

KHS Kisters machines are located in many industries! Whether in the food, beverage or homecare industry – KHS Kisters packaging machines have been used around the world in those industries for more than 40 years. The modern ShrinkPacker, PadShrinkPacker, TrayPacker, TrayShrinkPacker and WrapAround systems consistently offer the highest level of efficiency.



New generation of machines

Experienced and money-saving flexibility – demands that are met with packaging machines from KHS Kisters. Thanks to new technologies in all the units of packaging line and KHS Kisters Modularity, investment risk is avoided and production flexibility is substantially raised. Easy machine accessibility is guaranteed by the new and unique protective guarding design. Broken down into process and functional modules, KHS Kisters systems can be adapted to changing packaging requirements in the shortest time. Whether tray packing today or tray and shrinkfilm application tomorrow, KHS Kisters stands for economical and extremely flexible production.

“Quality breeds trust”. This basic premise of KHS Kisters governs our daily affairs. All parts are carefully checked before they are dispatched or installed. Our specialists in the manufacturing department are more than highly qualified and place a high value on precision and quality.

With all their service facilities, KHS Kisters can ensure that all machines in the field operate at the highest continuous level. We feel that it is our duty to respond to your needs without delay. A large team of very experienced, highly trained technicians provide optimal levels of service. We will come straight to the point.



- Professional installation and commissioning
- Repair for all types of KHS Kisters machines
- Economical maintenance and service
- Troubleshooting analysis via help desk support
- Integration of upgrades and conversions
- Professional extensive product documentation



KHS Kisters Modularity – As flexible as the alphabet



Many want to keep up with today's technology and trends. KHS Kisters does more than that! We set the standard! Our unique way of thinking has enabled us to produce a generation of KHS Kisters packaging machines that offer maximum flexibility. The KHS Kisters Modularity presents modular packaging machines that provide the highest standard of profitability. Process and function modules constantly facilitate adaptation of changing machine applications.

Whether it's matter of shrink packaging today and tray applications, increased output, or different formations tomorrow – we guarantee that existing packaging machines can be easily modified by simply adding a module. KHS Kisters Modularity works with all conceivable applications. The equipment grows as you grow. KHS Kisters Modularity boosts and equalizes efficiency, saves time and money and increases profit margins. Your investment is always right!

Our soundly structured modular technology adapts itself to production requirements.

- Clearly defined interfaces
- Flexible construction of ShrinkPackers, and PadShrinkPackers, Tray- and TrayShrinkPackers, WrapAround systems and additional machine equipment
- Quick and economical line expansion or completion
- Extremely user-friendly access
- Very short delivery and completion time



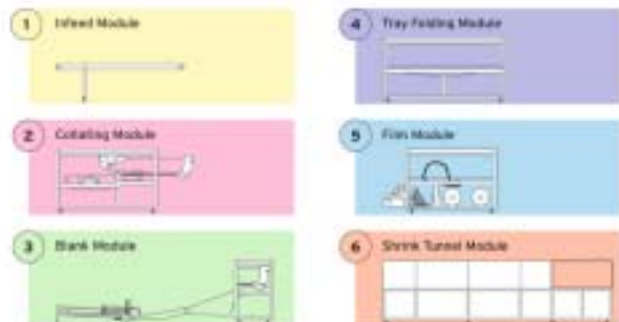


With its new modular packaging machines, KHS Kisters provides a high degree of flexibility today, to cope with tomorrow's packaging requirements. For example, your present shrink packaging application can be easily modified to become a tray shrink application. Within a relatively short period of time, an existing KHS Kisters shrink packaging system can be changed into a TrayShrinkPacker by simply adding the necessary modules without complications. Now, that's what we call flexibility and customer satisfaction.

Product/blank feeding

KHS Kisters offers many different adjustment possibilities for both product and blank feeding. Thanks to a blank drive, which can be switched off, processing without blanks is also possible, preventing unnecessary wear and tear. Integrated tensioners prevent elongation and sagging of the chains.

Basic Modules :



Option Modules :



Example 1: ShrinkPacker



Example 2: PadShrinkPacker



Example 3: TrayShrinkPacker



Example 4: TrayShrinkPacker with Stacker



Process and function modules

The folding section

A servomotor drives the folding chains. Folding tools designed to match customers' products are essential for precise carton folding. The wide format range of the machines will handle a multitude of products.



Film wrapping section and shrink tunnel

High operating comfort is achieved not only by a separate and adjustable film dancer or spreader, but also through precise film unwinding and print mark control. The special shrink technique produces exceptional quality film packs – with clear and printed film registered to the pack.

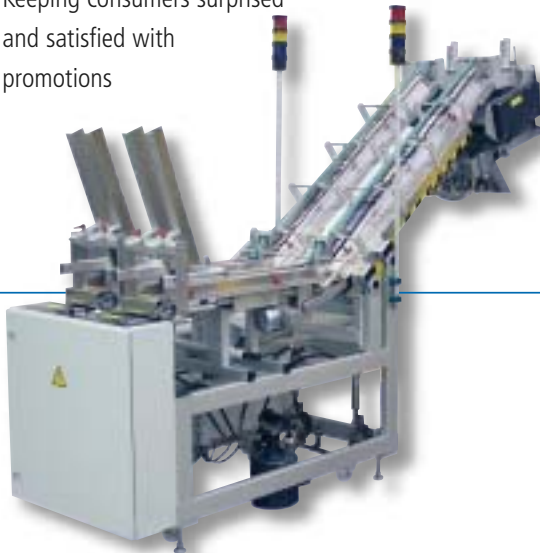


Flexibility step-by-step

KHS Kisters packaging machines set new economical standards. Continuous and precise processing, decentralized drives, lifetime lubricated bearings and very short changeover times fully support the demands of a flexible and efficient packaging line.

Leaflet Inserter

Keeping consumers surprised and satisfied with promotions



MultiPacks –

Your marketing vision to your customers



MultiPacks – MultiSales

The message is clear! In comparison to individual products, collective packs, in the form of multipacks, achieve greater sales. Multipacks are “eye catchers” and increase the incentive to buy. The multipack is extraordinarily consumer friendly. This is another reason why the multipacks are so successful.

Advertising medium at the point of sale

With the right presentation you can reach new customers. Not only the beverage and food industry but also the home-care and pet food industry profit from this special way of presenting products in a multipack. For example, it is much easier for you to keep your customers for a longer period of time, due to the multipacks’ ability to enable the customers to keep a stock of your product in their homes and thus, making less trips to the store to see other products and sales. The consumer changes his/her purchasing habits by buying multipacks and deciding on one multipack of e.g. 4, 6, 8, 12, 24 or 32 instead of individual products.



Shrinkfilm MultiPacks – Promoting your marketing strategies



Precise film wrapping

KHS Kisters packaging machines are well known for their consistent high quality. The machines control the packaging of your products precisely and reliably with every cycle. The position control of the film cut down to the millimeter adjusts unbalances of the film as it unwinds. Our user-friendly, smart machinery is equipped with an electronic device that evaluates and sets the position of the print registration on the pack, thus printed film is always in the same position on every multipack.

The new generation of energy saving shrink tunnels provides optimum shrinking with a perfectly refined airflow and distribution system. A special air suction/return process is a great energy saving technique that meets customer's demands for energy conservation. Last but not least, KHS Kisters' completely modular designed packaging machines adapt to your changing packaging requirements, easily and efficiently.





Advantages of KHS Kisters shrinkfilm packaging machinery

A few of the many advantages of shrinkfilm packaging are:

- Higher profitability due to the efficient use of supplier resources
- Many sales promotion options
- High product stability
- Preservation of the advertising message even when single products are taken out
- Water-proof packaging material
- Extremely lightweight
- High hygienic character, since the drinking opening is always clean
- Recyclable polyethylene film
- Point-of-purchase advertising to support greater sales
- For heavy product groups, pad and u-board application increases the pack stability



KHS Kisters WrapAround Multipacks –

For a free and flexible production



For products of bigger sizes, with higher weight or different sales strategies, the wrap-around carton is especially suitable. For example, products sensitive to shock are very well protected. For recycled cardboard material, first class printing possibilities offer extraordinary sales possibilities. High stability of the pack offers great stacking ability.

Your products deserve attention

The KHS Kisters WrapAroundPacker is well known for high quality, reliability and profitability. Gentle product transport and precise carton folding are achieved even in high-speed processing. Thus, we emphasize the first class quality of your products.

Additional advantages of wrap-around packaging:

- Application of a carrier opening or carrier handle
- Consideration of an opening perforation, a tearing strip or a sight window
- Big advertising surfaces
- More contents inside to increase the sales figures
- The possibility to supplement the contents to support your marketing campaigns
- The application of partitions increases the product protection
- Easy handling during transport, storage, and removal for display
- Top speed of up to 100 cycles/min depending on pack sizes and product types





Quality and high speed combined

KHS Kisters WrapAroundPackers leave nothing to be desired! They are complete with a continuous mode of operation, very reliable and user-friendly! The precise folding compression clamps achieve stable carton packaging. You, as well, may profit from the variety of different format applications. In order to enable tray and carton packing with subsequent shrinkfilm wrap, we have developed the WrapAround-ShrinkPacker, a combination of the WrapAroundPacker and the ShrinkPacker. Other advantages for the user of this packaging machine are the low maintenance costs, the very short format changeover times, and the comprehensive line monitoring system, as well as, the user-friendly controls and the central lubrication system.



KHS Kisters –

Efficient and modular packaging system for a more flexible production



ShrinkPacker

Film packs have an ever-growing market share. Thanks to a minimum need of packaging materials they are a very economical alternative to other packaging types. Excellent graphics increase the receptiveness of the marketing message.

Fully automatic KHS Kisters ShrinkPackers are user-friendly, reliable and flexible in use. Top speeds of up to 150 cycles per minute offer efficient possibilities in the beverage industry as well as in the food and non-food sector. The precise shrinkage of the film around the products guarantees maximum stability of the pack and highest possible savings in packaging material.



PadShrinkPacker

The importance of shrinkfilm and cardboard pads for shipping and sales packaging continues to increase. Thanks to the cardboard pad, this type of packaging is also suitable for bigger and heavier products. Prepacked product groups, loose products, different product diameters and heights, and/or changing pack formations – nearly everything is possible.

The fully automatic PadShrinkPacker are user-friendly, reliable and flexible in use. Top speeds of up to 120 cycles per minute offer efficient possibilities in the beverage industry as well as in the food and non-food sector. The precise shrinkage of the film around products and additional cardboard pads guarantee maximum pack stability and highest possible savings in packaging materials. Constant fully automatic control of the products and packaging materials guarantees maximum production security. This machine is able to process pads and film but also film only.





TrayPacker

The tray is a material- and cost-saving alternative for the packing of your cans, bottles or jars.

Top speeds of up to 120 cycles per minute offer efficient possibilities in the beverage industry as well as in the food and non-food sector.

The special design of the blank magazine enables user-friendly loading with trays. They are continuously fed to the product group, so that the product and blanks merge exactly to form the package.

The tight packing of the tray guarantees maximum stability of the pack and the highest possible savings in packaging material. The different working procedures of the KHS Kisters TrayPacker are subject to a constant open-traywall-control, which avoids downtimes due to short-fall of tray blanks or that an unglued tray leaves the machine.



TrayShrinkPacker

The choice is yours: whether tray, tray and film, pad and film or film only – with the KHS Kisters TrayShrinkPackers all possibilities are open to you.

Prepacked product groups, loose products, different product diameters and heights, and/or changing pack formations – nearly everything is possible.

The fully automatic KHS Kisters TrayShrinkPackers are user-friendly, reliable and flexible in use. Top speeds of up to 120 cycles per minute offer efficient possibilities in the beverage industry as well as in the food and non-food sector.

The tight folding of the trays around the products guarantees a high stability of the pack. The use of printed film is a successful way of presentation and achieves higher quantities at one single purchasing process.

These machines can also be equipped with a one- or two-lane ContiStacker that stacks two layers of packs before they are wrapped in film.





WrapAroundPacker

The KHS Kisters WrapAroundPacker packs bottles, jars or cans in wrap-around-cartons or trays as required. Continuously and fully automatic operation ensures a high output, low operator attendance and high efficiency. The rugged, modular design minimizes the production downtime required for servicing and repairs. KHS Kisters WrapAroundPackers are designed for speeds up to 90/100 packs per minute. All machines are designed to handle a large range of formats.

The KHS Kisters WrapAround packaging process is an economical alternative to using pre-folded cartons. The wrap-around blanks cost less and can incorporate display cut-outs, carrier holes, integrated carrier handles, perforations for easy opening and excellent possibilities for promotional printing.



WrapAroundShrinkPacker

The WraparoundShrinkPacker is a combination of WrapAroundPacker and a ShrinkPacker respectively a WrapAroundPacker supplemented by a complete film wrapping section and a shrinktunnel. Additionally integrated is a turning conveyor module to turn the small side leading product produced in tray or wrap-around cartons to wide side leading for further film wrapping. This machine combination enables to produce wrap-around cartons as well as products on tray, products on tray with shrinkfilm wrapping or for example shrinkfilm wrapping of two WrapAround-cartons on one machine with speeds of up to 90 packs per minute.

With this variety of packaging combined with the well known KHS Kisters format flexibility you react fast and efficient to today's packaging requirements of your customer.





Palletizing systems

The KHS Kisters PackRouter system sends products on a direct route to the market and ensures considerable savings of packaging material. For example, multipacks are pre-sorted and directly palletized by a robot using these intelligent solutions. Different grippers facilitate the loading onto pallets, either quarter, half or full size. Additional cost savings are found in the field of logistics and extremely short amortization times.

The PackRouter fits in any existing production line for most various kinds of multipacks or similar products.



Handle applicator

All well handled with the Innopack CSM Handle Applicator from KHS Kisters. The Innopack CSM processes all pack styles. Pure flexibility!

Magazine-feed processing of prelaminated handles or transparent tape and labels. Greater variability in design alternatives. Programmable handle lengths at standard widths of 25 mm. Optimum adaptation to all packaging shapes and styles. High outputs of up to 100 cycles/min despite low conveying speed. Gentle handling of your packs. Fully reproducible, fast format change over, no change parts required, only height adjustments. Constantly high machine availability.



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