



### Requirements and Solutions

Fully automatic wrap-around packer for producing cartons and tray packs. The modular Advanced series from KHS Innopack Kisters offers economical, field-proven packing technology coupled with the highest standards in maximum flexibility. Process and function modules can be used to adapt the machine to meet specific application requirements at all times. Whether cartons are required on one day and a tray application the next, whether higher capacity, other formats, or automated format changing are needed, the existing packing machine can always be easily and effortlessly extended to include packing in trays and film, for example. Be it a matter of packing pre-packed clusters, bulk products, items with various diameters and height, or various formations in cartons or on trays – everything is doable with the Advanced series. A return on investment is possible after only a short operating period thanks to low spare part consumption and cost of maintenance.

### Key Features

- Future-safe construction based on the modular design of various functions
- Can be upgraded to a wrap-around shrink packer for film processing
- Optimum access through easy-swing-up safety doors
- Simple and fast format changing
- Perfected machine functions and high quality standards
- Machine availability of up to 98.5% over a period of many years
- Reliable operation by using cutting-edge servo technology
- Ease of operation thanks to intuitive operator prompting and color graphics
- Exact and tight folding of blanks ensures high pack stability

### Standard Equipment

- Product feed with integrated dosing belt control and automatic lane distribution
- Machine frame process module layout depending on the task definition
- Large-size, swing-up, safety doors over the entire length of the machine
- Blanks magazine with expandable capacity
- Ergonomic, horizontal blanks loading
- Automatic format adjustment in the direction of travel through format selection on the operator panel. Settings across the direction of travel and height adjustment made using spindles
- High-capacity grouping station with 1–4 servo drives, depending on the task definition
- Formatting and folding processes are gentle to the product
- Speed and application-orientated glue application





### Advantages

- Consistent use of modular design guarantees flexibility for changing packaging requirements
- Excellent packing quality thanks to concurrent folding process
- Hygienic design for the easiest possible machine cleaning
- Fast and straightforward format changeover without additional tools. Optionally available with electronic operator prompting and with AccuDrive in maximum configuration
- Large touch-sensitive control panel with clearly arranged information in almost all international languages. Intuitive operator prompting using colored graphical symbols in the machine diagram and flashing indicator lights in the controls
- Pressureless, gentle product feed of bulk or pre-packed products
- Reliable operation by using the latest servo technology

- Siemens or Allen Bradley control equipment ensures optimum availability of spare parts and service in addition to easy integration into customer-provided systems
- Low spare part requirements (< 2.5% of the machine price possible per year)
- Extremely exact gluing system positioning operation (minimum glue consumption)
- Exact unfolding of blanks around product groups with 45° and 90° corners
- Variable machine speeds for efficient adaptation to the line capacity



### Service

- Worldwide service and fast supply of spare parts
- Project planning
- Conversion, expansion, and modernization
- ReDiS remote maintenance interface

### Options

- Asymmetric blank processing
- Two and four-sided processing of gable style cartons
- Operator prompted format changing
- Leaflet inserter
- Glass and free gift inserter
- Tray and carton coding
- Partition inserter
- Simplified changeover of guide rails on the infeed belt using a changing frame
- Blanks capacity extendable to over 1,000 blanks
- Preparation for film processing
- Carton turner module

### Technical Data

- Machine capacity:** up to 100 cycles/min
- Number of lanes:** 1
- Container dimensions. Diameters:** min. 48 mm, max. 120 mm
- Heights:** min. 90 mm, max. 375 mm
- Pack dimensions in the direction of travel. Length:** min. 160 mm, max. 550 mm
- Pack dimensions across the direction of travel. Length:** min. 115 mm, max. 600 mm
- Blank dimensions (including tray edge). Length:** min. 280 mm, max. 720 mm
- Width:** min. 280 mm, max. 1,300 mm; tray 1,000 mm
- Blank capacity:** up to 1,000 items (B-flute)
- Machine dimensions. Length:** 13,190 mm to 14,330 mm (type-dependent)
- Width/Height:** 2,090 mm/2,355 mm
- Weight:** 7,000 kg to 11,000 kg

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