



Requirements and Solutions

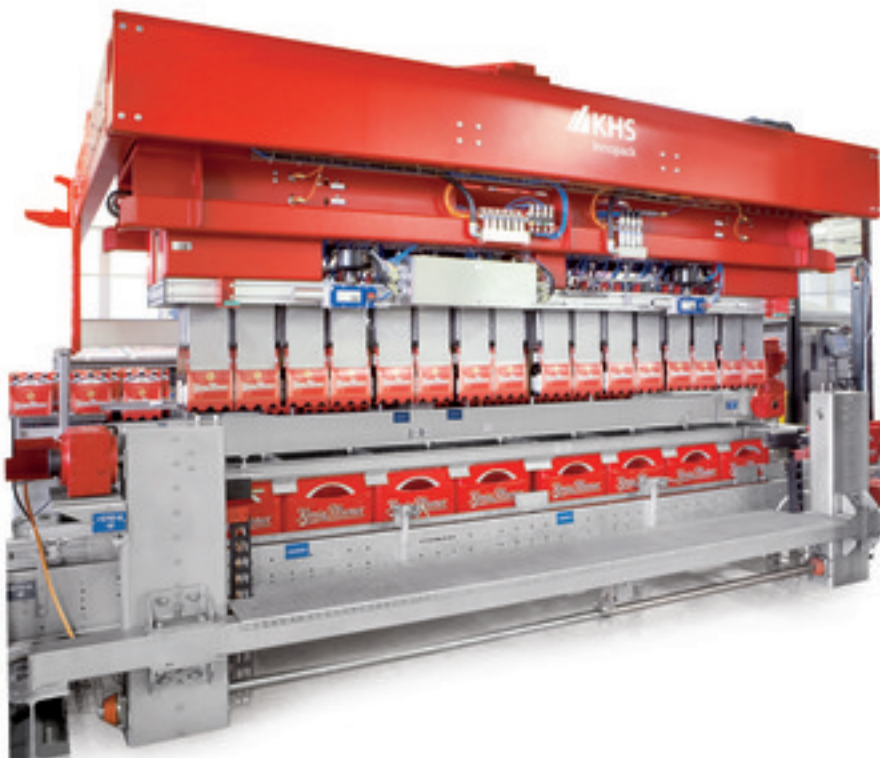
The Innopal PPZ is a two-column packing machine designed for the medium and upper capacity range. By using various packing heads, this machine is suitable for packing and/or unpacking glass, plastic, and contour bottles as well as cans and multipacks (six-packs, bottle carriers, etc.) in and out of high and low-wall plastic crates, cardboard cases, and trays. An optionally available label aligner can be used to perfectly align labels towards the outside of the crates during the crating process. In addition to classic packing tasks, this machine is equally suitable for sorting and pick-and-place applications.

Key Features

- Gantry-type packing and unpacking robot
- Suitable for processing glass, plastic, and contour bottles as well as cans and multipacks (six-packs, bottle carriers, etc.) in and out of high and low-wall plastic crates, cardboard cases, and trays
- One base robot for six capacity versions
- Automatic format changing possible
- Suitable for label alignment
- Suitable for pick-and-place and sorting tasks
- Modular in design and thus ideal for optimum adaptation to customer requirements coupled with a small assortment of parts
- Ultra modern drive technology comprised of servo motors, toothed belts, and continuous-path control

Standard Equipment

- Robust, painted steel base frame
- Toothed-belt-driven sequences of motion powered by a servo motor
- Standardized operating of all machines
- Operator panel with large size graphical user interface
- Machine safeguards comply with CE conformity





Advantages

- The consistent modular design guarantees flexibility of changing packing tasks and a reduction in the assortment of parts needed, thus cutting the cost of spare part stocks
- Fully developed machine functions and high quality standards ensure a machine availability of up to 98 % over a period of many years
- Easy product changeover with the help of adjustable packing heads and using semi or fully automatic format part set changing systems



Service

- Worldwide service
- Customized machine design
- Complete systems
- Commissioning
- Training courses

Options

- Label alignment
- Selective unpacking (sorting)
- Multipack processing
- Semi-automatic format part changing
- Automatic format part changing
- Allen Bradley control system

Technical Data

Machine capacity

max. 550 work cycles/hr

Machine dimensions (LxWxH)

3,700 x 3,100 x 3,400 mm – 5,000 x 4,000 x 3,400 mm

Machine weight

5,100 – 7,100 kg

Pack dimensions

Length: 200 to 500 mm

Width: 200 to 480 mm

Height: 100 to 500 mm

Container dimensions

Diameter: 48 – 200 mm

Height: 170 - 355 mm

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