



Requirements and Solutions

The Innopal® AS-1-H is a bulk depalletizer with pallet lift designed for the top capacity range. It is suitable for processing new containers made of glass, plastic, or metal. By installing the appropriate modules, the machine can be equipped to handle fully automatic disposal of plastic or cardboard pallet liners, inverted trays, wooden, steel, or plastic cover frames in addition to wooden or plastic pallets. Fast product changeover is achieved thanks to a motor-driven adjustable pushoff carriage. The three-sided pallet infeed area and the closed well in the pushoff area makes the Innopal® AS-1-H ideal for processing unstable containers.

Key Features

- Twin-column bulk depalletizing robot with pallet lift and elevated container discharge
- Able to process new glass, plastic, or metal containers
- All-sided centering of the layer to be discharged on the pushoff carriage
- All-sided centering of the layer block located below it
- Exact pallet centering by adjustable well walls
- Automatic disposal of inverted liners, slip-sheets, and pallets possible
- Processing of contour containers possible
- Modular design means optimum adaptation to customer requirements coupled with a small assortment of parts
- Ultra modern drive technology comprised of servo motors, cog belts, and continuous-path control

Standard Equipment

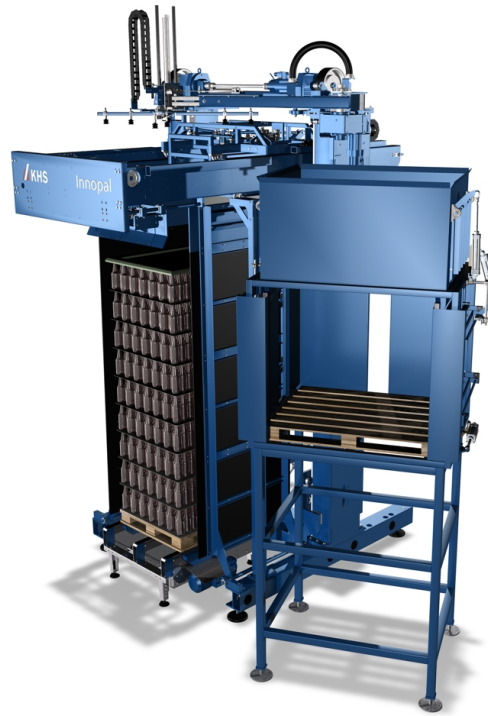
- Rugged, painted steel base frame
- Servo motor powered, toothed belt-driven sequences of motion
- Operator panel with large size graphical user interface
- Pallet well and integrated pallet lift enclosed on three sides
- Elevated container discharge table
- All product-contacting machine parts are plastic-covered





Advantages

- The consistent modular design ensures flexibility of changing palletizing tasks and a reduction in the assortment of parts needed, thus cutting the cost of spare part stockkeeping
- Fully developed machine functions and high quality standards ensure many years of up to 98% machine availability
- Operators are able to easily complete product conversions and changeovers during ongoing production operation.
- The optionally available fully automatic layer changeover facility offers push-of-a-button layer changeover thereby achieving high machine availability



Service
· Worldwide service
· Customized machine design
· Complete systems
· Commissioning
· Training courses
Options
· Allen Bradley control system
· Automatically adjustable pushoff frame
· Inverted tray discharge shaft
· Automatic disposal of pallets, cover frames, and pallet liners

Technical Data
Machine capacity
Max. 450 layers/hr
Block height including pallet
Max. 3,000 mm
Pallet dimensions
800 mm to 1,450 mm (in direction of pushoff)
1,000 mm to 1,250 mm (across direction of pushoff)
Container dimensions
Diameter: min. 40 mm
Height: 60 mm to 400 mm
Machine dimensions (without container discharge table) (L x W x H)
3,610 mm x 3,085 mm x 5,725 mm
Machine weight (without switch cabinet and container discharge table)
7,500 kg

Edition: 3/31/14-en. Subject to modification.

KHS GmbH
 Enzingerstr. 139
 67551 Worms
 Germany
 Phone: +49 (0)6247 / 97-3351
 Fax: +49 (0)6247 / 97-3300
 E-mail: hans-werner.holzer@khs.com
 www.khs.com

