



Requirements and Solutions

The Innopal® PB-1-H is a highly flexible, twin-column palletizer equipped with a pallet lift and elevated pack infeed suitable for processing disposable packaging such as cartons, trays, shrink-packs, individual packets, bags, as well as returnable packs such as high and low-wall plastic cases. The Innopal® PB-1-H is predestined for all palletizing tasks in the beverage industry as well as the food and non-food sectors. The layer preparation systems available include single or multiple-lane models and robot grouping. In order to meet all palletizing requirements, the optimum conveying element can be chosen for a specific task from a variety of pallet conveying systems. The machine can be optionally equipped for pallet liner processing with a robot-version pallet liner inserter and a pallet liner magazine with manual or automatic liner delivery.

Key Features

- Single-station palletizing robot with pallet lift and elevated pack infeed
- One-piece stainless steel pusher plate
- Single or multiple-lane pack infeed, variable fully automatic layer formation setup
-
- The machine is able to process cartons, trays, shrink-wrapped packs, individual packets, bags, and high and low-wall plastic cases
- All-sided centering of each layer prior to discharge onto the pallet
- Palletizing with and without pallet liners possible
-
- Fully automatic layer changeover optionally available
- Modular design enables 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

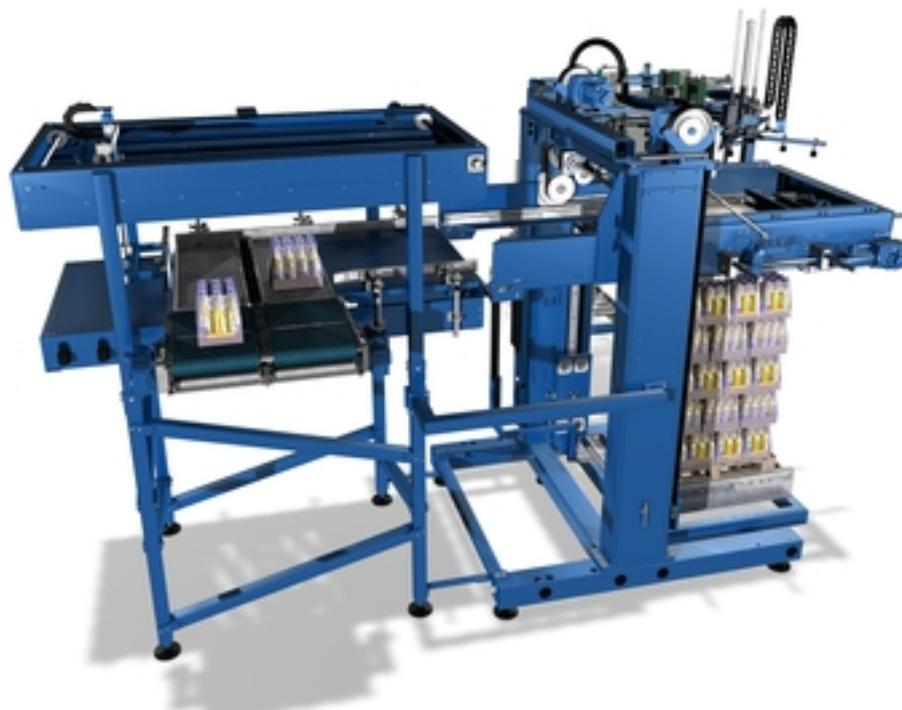
- Rugged, painted steel base frame
- Servo motor powered toothed belt driven sequences of motion
- Elevated pack infeed
- Operator panel with large size graphical user interface
- Stainless steel loading plate





Advantages

- The consistent modular design guarantees 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
- Product conversion and changeover are easily carried out 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
<ul style="list-style-type: none"> · Worldwide service · Customized machine design · Complete systems · Commissioning · Training courses
Options
<ul style="list-style-type: none"> · Automatic format changing · Motor-driven layer centering · Non-accumulation-pressure roller conveying table · Allen Bradley control system

Technical Data
Machine capacity
380 layers/hr
Block height including pallet
Max. 2,000 mm
Pallet dimensions
750 to 1300 mm (across direction of palletizing)
750 to 1200 mm (in direction of palletizing)
Pack dimensions
Length: 200 to 600 mm
Width: 200 to 500 mm
Height: 100 to 400 mm
Machine dimensions (without layer preparation station) (L x W x H)
3,770 x 2,840 x 4,065 mm
Machine weight (without switch cabinet and layer preparation station)
5,500 kg