

PALKOMBI

# AUTOMATIC PALLETIZER



*Performance  
through  
Understanding*



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**PalKombi is an automatic palletizer suitable for crates, cartons, trays, shrink-wrapped packs and all types of packages in general.**

Designed for medium to high speeds, PalKombi works with a steady low-level infeed pallet. Maximum speed is 5 layers/minute for the one-pallet version and 8 layers/minute for the version with two pallets worked simultaneously.

The preformed layer lifting system is supported by two vertical columns with U-shaped closed bars. Wearproof steel guides ensure the roller bearings roll efficiently.

## MAIN FEATURES

- Highly rigid structure in closed bars
- long-life guide systems
- precise mechanical assembly
- simple design and standard parts
- high quality components
- easy control and access
- low noise
- fully guarded against accidents
- easy adjustment for frequent changeovers (patterns and pallet sizes)
- IP.55 electrical equipment
- sand-blasted Epoxy painted main frame.
- available option : Place Palletization pattern configuration software

## ACCESSORIES

- Thanks to the modular design of the central structure, all the accessories required for the latest palletization technology are available and easily applied:
  - single row infeed
  - multiple row infeed
  - high level infeed with supporting frame and walkway
  - positive pack handling solutions for layer preparation
    - In line infeed with divider
    - Robo-smart
    - Axo-smart™
  - pallet magazine for different types and dimensions
  - pallet conveyors with rollers and chains
  - interlayer pad dispenser and magazine
  - self-adjustment for different sizes of pallet and pack
  - glue applying device
  - trouble-shooting display.

Special devices and accessories will be designed and supplied upon request.

## MOTORIZATION

Lifting motorization is by two coupled motors, controlled by a frequency variator. Layer lifting assembly is counterbalanced in order to reduce inertia and to increase speed.

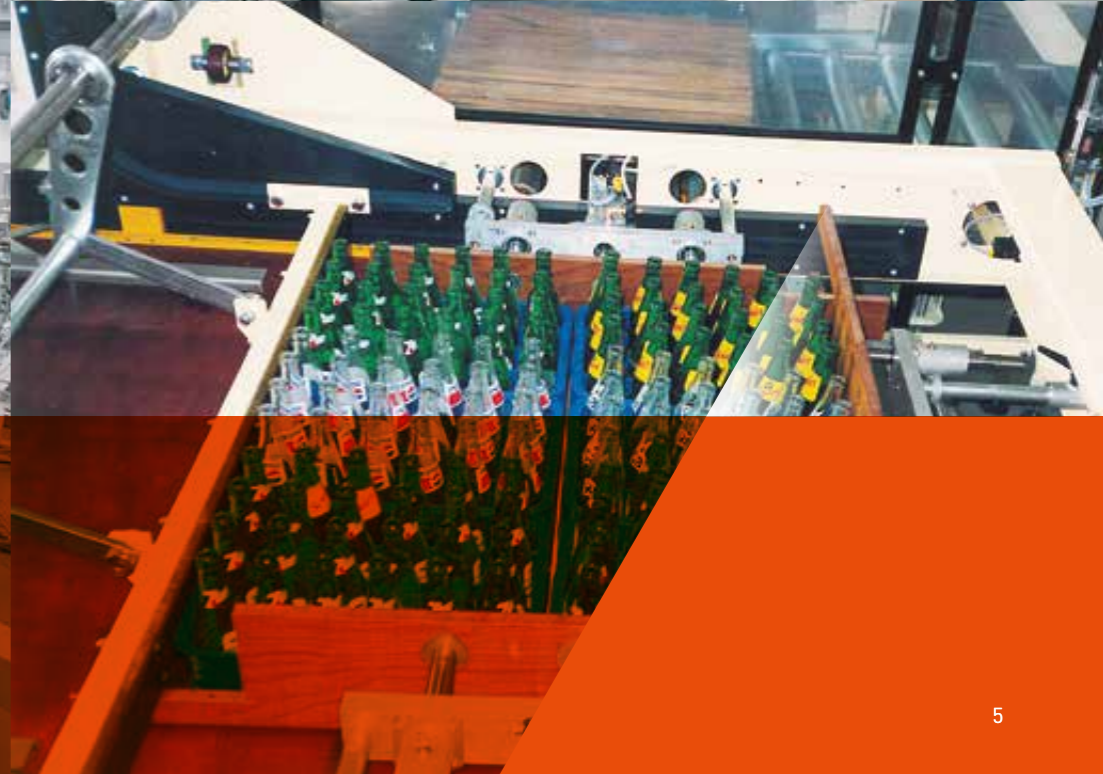
The layer discharging operation is performed by means of a retractable plate powered by a motor-driven crank. The double pallet version includes an intermediary platform support and two central stopping guides. For special products a centrally retractable idle roller table can be installed with antifriction bearings. The layer retaining plate is driven by a reduction motor; the lateral guides are self-centering to ensure precise positioning of each layer.

The equipment is controlled by a state-of-the-art PLC.

## TECHNICAL FEATURES

	A	B
<b>Pallet dimensions - max.</b>	1,000 x 1,200 mm H 1,800/2,400 mm	1,200 x 1,500 mm H 1,800/2,400 mm
<b>Machine dimensions - base body - max.</b>	2,400 x 2,400 mm H 3,500/4,100 mm	2,520 x 2,520 mm H 3,500/4,100 mm
<b>Packages dimensions - max.</b>	2,400 x 2,400 mm H 3,500/4,100 mm	475 x 475 mm H 400 mm





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With over 40,000 machines installed in more than 190 countries, we have nearly 170 years of proven experience, with a strong focus on the factory of tomorrow with advanced systems, line engineering and innovation. Our 5,500+ employees worldwide are passionate about providing solutions that fulfil customer needs and boost the **performance** of their lines, products and businesses.

Delivering this level of performance requires that we stay flexible. We continuously ensure we **understand** our customers' changing challenges and commit to meeting their unique performance and sustainability goals. We do this through dialogue and by understanding the needs of their markets, production and value chains. In turn, we apply our solid technical knowledge and smart data analytics to ensure lifetime productivity reaches its full potential.

We call it **Performance through Understanding**.

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