

## Unpacking and packing machines

RICO systems and machines are designed to be space-saving, low-maintenance and durable.



### Vari

Absolutely variable.  
For all bottles, crates  
and cartons.

### Robo

Flexible to use,  
clearly and simply  
structured,  
highly dynamic.

### Robot-guided solutions

Economical  
palletizing and  
depalletizing / un-  
packing and packing.

### Bottle grippers and packing heads

For all bottles  
and every  
performance area.



### Maximum hygiene guaranteed:

RICO unpacking and packing machines are predominantly made of stainless steel and designed according to the latest hygienic standards.

**Unpacking and packing machines**

**Vari**

Max. 450 cycles/h  
22,000 bottles/h



**Vari** – the name speaks for itself: absolutely variable, for all bottles, crates and cartons.

**Robo**

Max. 600 cycles/h  
Up to 200 kg top load  
48,000 bottles/h



**Robo** can be used flexibly, has a clear and simple structure and is highly dynamic. It is also suitable for PET bottles.

**Optional:**

- Packing head quick-changer
- Packing head magazine
- Universal packing head and motorical lane adjustment for automatic format adjustment

**Your benefits:**

- + Quiet running and almost maintenance-free, even with high throughput
- + SPC-control system
- + Clear operation and text display
- + Positioning control ensures optimal flow of movement
- + Fast and simple format adjustment by the operator
- + Gripper heads are equipped with RICO LZT long-term bottle grippers
- + Low consumption
- + Designed according to latest hygienic findings

Unpacking and packing machines

**Robot-guided solutions**

Palletizing and depalletizing  
Unpacking and packing

Our **individual, robot-guided solutions** make palletizing and depalletizing as well as unpacking and packing even more economical.



**A** For packing of bottles

**B** For gripping the inside of the box

**Your benefits:**

- + **Processes reusable crates** (wine/fruit juices)
- + **Palletizing and depalletizing of crates and unpacking of bottles**
- + **Packing of bottles and gripping of crates without gripper change**
- + **Sensors for determining the position**
- + **Larger capacity than conventional grippers** processes 4 crates lengthwise or 6 crates crosswise, further processing capacities on request
- + **Space-saving, precise placement of the crates**
- + **No knocking over of other crates** because the gripper grips the inside of the crate

Unpacking and packing machines

## Bottle grippers and packing heads

for all bottles and every performance area

3 x longer  
service life  
than conventional  
bottle grippers



### Your benefits:

- + **Very durable**
  - robust plastic turned part (not an injection-moulded part)
  - equipped with RICO LZT long-term bottle grippers or flip-top bottle grippers
- + **Efficient**
  - easy replacement of wearing parts
  - quick and easy format adjustment
- + **Flexible**
  - for all glass bottles from 46 mm in diameter, PET bottles, flip-top bottles
  - suitable for all areas of use
- + **Conserving resources**
  - 50% less compressed air consumption than conventional bottle grippers
- + **Customised**
  - customer-specific and machine-specific design

## Everything from a single source

Take advantage of the **synergy effects** that result from our integration into the **Pütz Group!**

In addition to machines and plants for the beverage industry, we are able to equip your plant with the most modern control and vision technology.

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