

PLASTIC CRATE PALLETIZING AND DEPALLETIZING SYSTEM

Application

PERUZA automated warehouse solution provides 2 in 1 system for palletizing and depalletizing plastic crates. Crates can contain various products including glass bottles, different packages or even raw fruits. Our designed unique gripper can be modified for your specific needs.

Main benefits

- ✓ Adaptable to customer needs
- ✓ 2 in 1 system for palletizing and depalletizing
- ✓ Modular system layout for various products

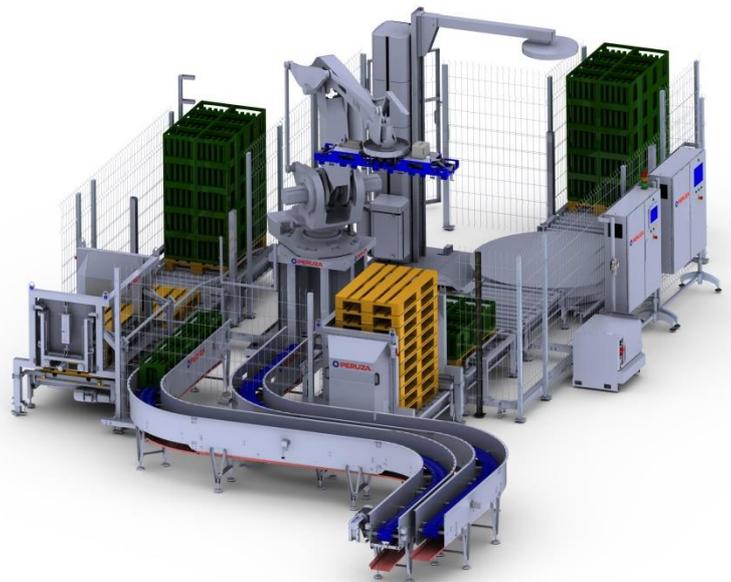
Operating principle

Incoming crates can be delivered to the line by forklift and fed to pallet conveyor system. Alternatively, they can be placed directly in a pallet frame.

Depalletizing and palletizing process is done completely automatically by set product recipes.

Ready pallets can either be picked up from pallet frames or delivered out with a conveyor system.

Automatic pallet wrapping can be added as an option.



See equipment in action:



Available options

Pallet infeed conveyor system

Pallet stacker

Product conveyor systems

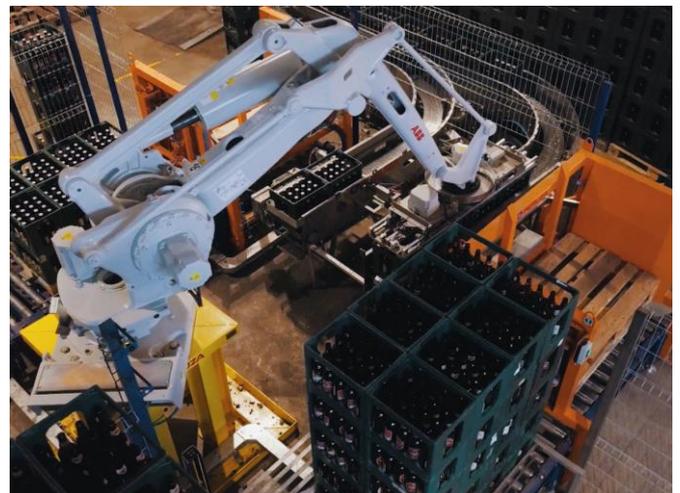
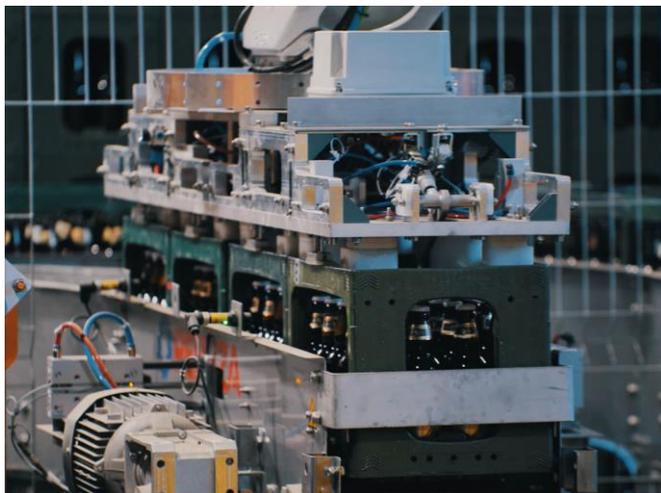
Pallet dispenser

Pallet outfeed conveyor system

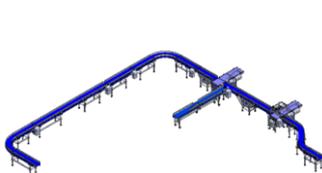
Automatic pallet wrapper

Technical characteristics

Product type	Plastic crates
Processing capacity	Up to 12 crates/min
Crates per pick-up	1 - 4 crates
Payload	Max 70 kg
Product dimensions (Min)	300 x 200 x 220 mm
Product dimensions (Max)	620 x 400 x 420 mm
Equipment dimensions	Depending on the layout and chosen options
Key features	Modular, reliable, adaptable for customer product

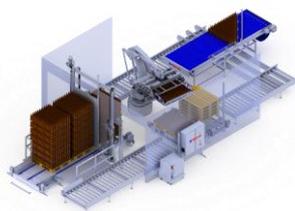


For more processing solutions



Product conveyor systems

Efficient product delivery between processing steps.



Empty bottle depalletizer line

Automatic depalletizing system for empty bottles to save labor costs.



Bucket palletizing system

Automatic palletizing system for buckets to save labor costs.



Small part robotic assembly system

Use robots instead of manual operators to assemble your products!