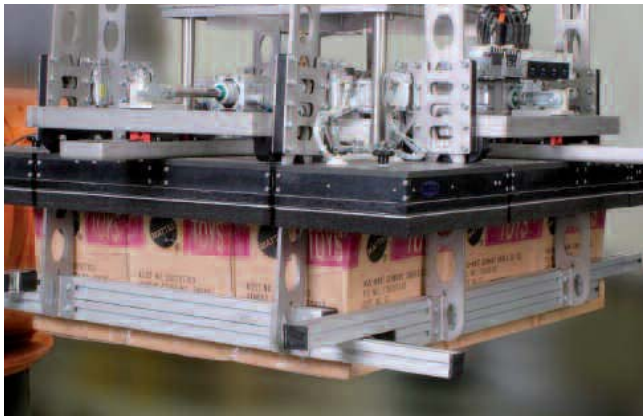


Large-area vacuum gripping system SPZ

Rational palletizing and depalletizing with minimum cycle times



Large-area vacuum gripping system SPZ with flexible foam and auxiliary mechanical gripper for handling complete layers of cardboard boxes

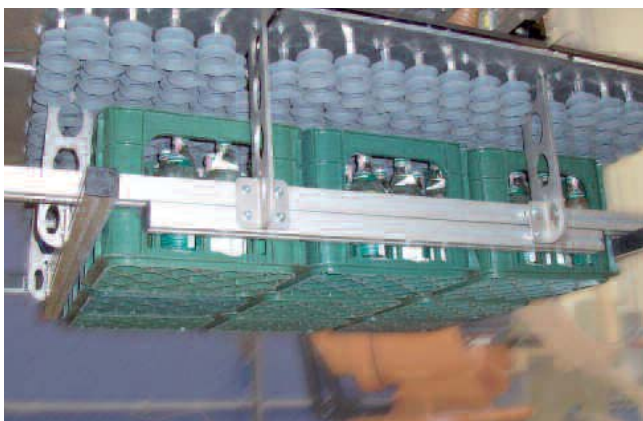
Our highlights...	Your benefits...
<ul style="list-style-type: none"> • Gripping system for various product-layer sizes and patterns 	<ul style="list-style-type: none"> > Rational palletizing and depalletizing of complete product layers (for shorter cycle times)
<ul style="list-style-type: none"> • Suction surface made of flexible special foam or, alternatively, individual suction pads 	<ul style="list-style-type: none"> > Optimal adaptation to the workpiece structure; no need to change gripper for different workpieces
<ul style="list-style-type: none"> • Unused vacuum apertures are switched off by the valve technology 	<ul style="list-style-type: none"> > No need to change gripper for partially filled pallets
<ul style="list-style-type: none"> • Optionally available with auxiliary mechanical gripper 	<ul style="list-style-type: none"> > Improved availability and dynamic operation when handling mixed products
<ul style="list-style-type: none"> • Special version available for deep-freeze applications 	<ul style="list-style-type: none"> > Automated palletizing and depalletizing at temperatures as low as -28 °C

Applications

- Palletizing and depalletizing of complete product layers
- For use in modern distribution centres and in packing stations in production facilities
- Loading and unloading of partially filled pallets with a combination of vacuum technology and an auxiliary mechanical gripper
- Universal gripper for the handling of separating layers, pallets, crates, cardboard boxes, film-packed products and many other goods

Construction

- Gripping system with modern valve and vacuum technology and a modular range of grippers
- Options for mechanical gripper modules can be controlled pneumatically or with electric motors
- Modern design, optimized for minimum weight and maximum force in accordance with FEMA
- Modular connection system for all common bus interfaces
- Optional energy-saving variants of all versions available



Large-area vacuum gripping system SPZ with individual suction pads and auxiliary mechanical gripper for handling crates of mineral water



Large-area vacuum gripping system SPZ with individual suction pads for handling complete layers of cardboard boxes



Suitability for branch-specific applications