



SiVario 2020

Modular Reverse Vending System



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Application

Future-proof and exceptionally fast, the SiVario 2020 receives empties in high speed ensuring a pleasant reverse vending experience.

The high-resolution 10" touch display and revised menu-guidance makes it easy and problem-free for the customer to return empties. There is also the opportunity to display coupon promotions or adverts on the display. The empties receipt is well presented on the outside of the machine.

Features

- Acceptance of PET non-refillable and reusable packaging, glass, cans and cups with EAN-Code
- Acceptance speed:
Up to 60 containers per minute and up to 20 crates per minute
- Rotation-free Omega 360° recognition
- Weight, barcode, shape and security – full container recognition using integrated precision scales
- Menue guided cleaning process supported by innovative colour coding
- Modular design and variance

Modular on Design

The SiVario is as flexible as your premises are diverse.



Example: With crates and without crates and bottle tables

Example: With crates and bottle table

SiVario 2020

Technical data

Door colour	<ul style="list-style-type: none">▪ RAL 9005 Jet black silk matt▪ RAL 9006 White aluminium silk matt▪ RAL 9007 Grey aluminium silk matt▪ Further colours on request
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Housing colour	<ul style="list-style-type: none">▪ RAL 7024 Graphite grey silk matt▪ RAL 9005 Jet black silk matt
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Dimensions	<ul style="list-style-type: none">▪ With crate recognition 1,750 x 600 x 1,125 mm (height x width x depth)*▪ Without crate recognition 1,713 x 600 x 955 mm (height x width x depth)*
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Weight	<ul style="list-style-type: none">▪ Empty: Approx. 270 kg▪ With Crates: Approx. 330 kg
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Electrical data	<ul style="list-style-type: none">▪ 3L/N/PE, 400 V, 50 Hz
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Power	<ul style="list-style-type: none">▪ 650 W / Full power▪ Idle: Max. 70 W
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Conformity	<ul style="list-style-type: none">▪ CE, DPG-certified
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Security concept	<ul style="list-style-type: none">▪ Software-supported and mechanical protection against manipulation DPG-security package
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Acceptance speed	<ul style="list-style-type: none">▪ According to 60 containers per minute or 20 crates per minute
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Crate recognition	<ul style="list-style-type: none">▪ Logo, handle and colour matching via a reference database▪ Crates up to a length of 500 mm
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Container recognition	<ul style="list-style-type: none">▪ 360 degree container recognition▪ Camera-based image processing (recognition in real time)▪ Scales in the bottle and crate acceptance area▪ Containers with a diameter up to 120 mm and length between 75 mm and 380 mm
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Output data	<ul style="list-style-type: none">▪ Thermal printer with cutter, receipt roll: External diameter up to 200 mm▪ Paper width 57.5 mm ± 0.5 mm or 59.5 mm ± 0.5 mm▪ Paper thickness 56 µm - 90 µm
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Interfaces	<ul style="list-style-type: none">▪ Standard XML-interface▪ LAN (Ethernet)
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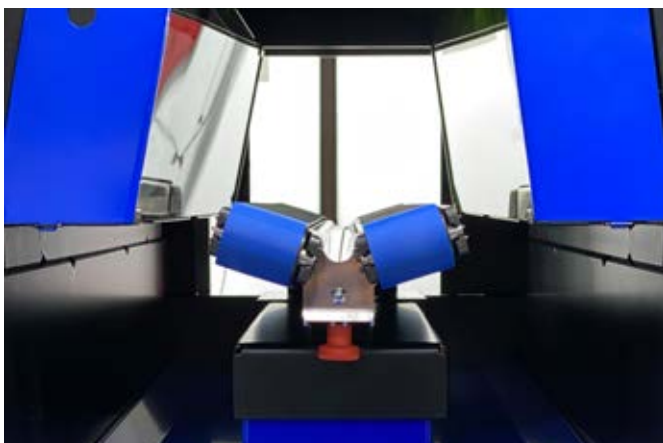
User guidance	<ul style="list-style-type: none">▪ Intuitive user prompting▪ Menu-guided cleaning with animation▪ Error correction assistant▪ Operation status signalling in the acceptance area for the individual containers and crates as well as in the receipt dispense area for consumers via LED-light strips in red and green
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Operating Temperature	<ul style="list-style-type: none">▪ +10 °C up to +40 °C with non-condensing humidity
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Options	<ul style="list-style-type: none">▪ Connection for conveyor and sorting units for refillable and non-refillable packaging▪ Bottle collection table size and shape can be planned to suit individual requirements
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Display	<ul style="list-style-type: none">▪ Display: High resolution 10.1" LCD with viewing angle
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* The cabinet dimensions may vary due to fixtures and accessories



Bottle acceptance section



Omega 360° recognition unit



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Technical data are subject to change without notice. Errors excepted.
All images shown are examples and may include optional extras.