



## 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*



DPG zertifiziert  
Kategorie A

# SiVario 2020

## Technical data

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<b>Door colour</b>	<ul style="list-style-type: none"><li>▪ RAL 9005 Jet black silk matt</li><li>▪ RAL 9006 White aluminium silk matt</li><li>▪ RAL 9007 Grey aluminium silk matt</li><li>▪ Further colours on request</li></ul>
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<b>Housing colour</b>	<ul style="list-style-type: none"><li>▪ RAL 7024 Graphite grey silk matt</li><li>▪ RAL 9005 Jet black silk matt</li></ul>
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<b>Dimensions</b>	<ul style="list-style-type: none"><li>▪ With crate recognition 1,715 x 600 x 1,080 mm (height x width x depth)*</li><li>▪ Without crate recognition 1,715 x 600 x 955 mm (height x width x depth)*</li></ul>
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<b>Weight</b>	<ul style="list-style-type: none"><li>▪ With Crates: Approx. 330 kg</li><li>▪ Empty: Approx. 270 kg</li></ul>
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<b>Electrical data</b>	<ul style="list-style-type: none"><li>▪ 3L/N/PE, 400 V, 50 Hz</li></ul>
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<b>Power</b>	<ul style="list-style-type: none"><li>▪ 650 W / Full power</li><li>▪ Idle: Max. 70 W</li></ul>
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<b>Conformity</b>	<ul style="list-style-type: none"><li>▪ CE, UKCA, DPG-certified</li></ul>
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<b>Security concept</b>	<ul style="list-style-type: none"><li>▪ Software-supported and mechanical protection against manipulation</li><li>▪ DPG-security package</li></ul>
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<b>Acceptance speed</b>	<ul style="list-style-type: none"><li>▪ According to 60 containers per minute or 20 crates per minute</li></ul>
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<b>Crate recognition</b>	<ul style="list-style-type: none"><li>▪ Empties database</li><li>▪ Additional logo camera for precise differentiation of beverage crates</li><li>▪ Crates up to a length of 500 mm</li></ul>
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<b>Container recognition</b>	<ul style="list-style-type: none"><li>▪ Omega 360 degree recognition unit</li><li>▪ Camera-based image processing (recognition in real time)</li><li>▪ Scales in the bottle and crate acceptance area</li><li>▪ Containers with a diameter up to 120 mm and length between 75 mm and 380 mm</li></ul>
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<b>Output data</b>	<ul style="list-style-type: none"><li>▪ Thermal printer with cutter, receipt roll: External diameter up to 200 mm</li><li>▪ Paper width 57.5 mm ± 0.5 mm or 59.5 mm ± 0.5 mm</li><li>▪ Paper thickness 55 g/m<sup>2</sup> - 110 g/m<sup>2</sup></li></ul>
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<b>Interfaces</b>	<ul style="list-style-type: none"><li>▪ Standard XML-interface</li><li>▪ LAN (Ethernet)</li></ul>
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<b>User guidance</b>	<ul style="list-style-type: none"><li>▪ Intuitive user prompting</li><li>▪ Menu-guided cleaning with animation</li><li>▪ Error correction assistant</li></ul>
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<b>Operating Temperature</b>	<ul style="list-style-type: none"><li>▪ +5 °C up to +40 °C with non-condensing</li></ul>
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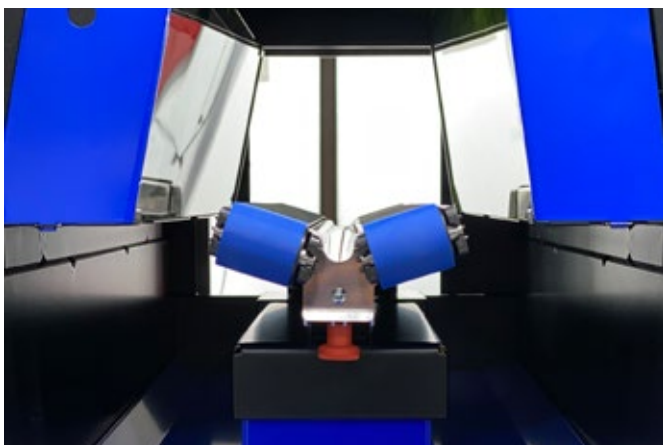
<b>Options</b>	<ul style="list-style-type: none"><li>▪ Connection for conveyor and sorting units for refillable and non-refillable packaging</li><li>▪ Bottle collection table size and shape can be planned to suit individual requirements</li></ul>
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<b>Display</b>	<ul style="list-style-type: none"><li>▪ High resolution 10.1" HD display with viewing angle</li></ul>
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\* The cabinet dimensions may vary due to fixtures and accessories



Bottle acceptance section



Omega 360° recognition unit



Sielaff GmbH & Co. KG  
Automatenbau Herrieden  
Münchener Str. 20  
91567 Herrieden  
Germany

Telephone: +49 9825 18-0  
Telefax: +49 9825 18-311155  
info@sielaff.de  
www.sielaff.com

**See here for our  
company profile video**



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