

Reusable@Sielaaff

Real heroes act sustainably
and with an eye for the future



Routine for Sielaff – protecting the environment

” To consider the end in everything you do, that is sustainability.“

Eric Schweitzer

” Buy less, choose well, make it last.“

Vivienne Westwood

” What we do today determines what the world will look like tomorrow.“

Marie von Ebner-Eschenbach

” The European Parliament wants to reduce packaging waste. The target: a twenty percent reduction in plastic waste by 2040.“

European Parliament, November 2023

In recycling, Sielaff focusses on reusability.

Our modular reverse vending machines actively support the acceptance of reusable bowls, cups and everything that goes with them. In doing so, we improve the environmental footprint, while at the same time easing the workload on staff in the store. A powerful effect, with little effort.

” The PPWR packaging regulation is due to come into force in 2025. It will affect merchants, especially in e-commerce.“

European Parliament, January 2024

Smart solutions from Sielaff for more sustainability.

Starting in 2023, the fast food and to-go sector is required to provide reusable containers and, if a deposit is made, to offer systems that enable returns. It is reasonable to assume that other states in the European Union will also adopt this policy. Reverse vending machines from Sielaff are engineered to give the markets precisely what they need.



” There is no Planet B.“

Prof. Mike Berners-Lee,
Lancaster University

**” Designing reusables
together.“**

European Parliament, January 2024

**” If you sell something,
you should be able
to take it back.“**

Sielaff GmbH & Co. KG
Automatenbau Herrieden

**We are a member of
Mehrwegverband Deutschland e.V.**

Our membership of this reusables association endorses the declared objective of building bridges, identifying concrete solutions for the future and taking clear action to induce positive change. Sielaff supports the association's goal of avoiding packaging waste and optimising the cycles of reusable packaging systems.

**Sielaff points the way – with efficient
operations and effective recycling.**

The goal is to ensure acceptance of all plastic packaging from the retail sector. Although currently infeasible for a raft of reasons, it is still Sielaff's goal going forward: in the long term, our return systems are intended to enable the acceptance of all plastic packaging using either a barcode or recognition software.

With its intelligent solutions, Sielaff makes an active contribution to greater sustainability. Clear strategies, always with a view to the future.



Sielaff ensures systematic returns – anything goes

We actively promote climate protection and resource efficiency in the retail sector.

Our modular reverse vending machines do more than just sell products, they also enable customers to return the packaging after use.

In doing so, we make sure that our products are as flexible and durable as possible. The overall concept of our reverse vending machines enables the secure, clean and hygienic collection of reusable and single use solutions, along with cups and empties with barcodes.

Clean and hygienic

Our hygienic vending machines contribute to safety at the companies.

Large range for dispensing and accepting

With their modular concept, all our systems offer the greatest possible adaptability and flexibility in dispensing and returns. This enables handling of a wide range of materials. At Sielaff, we don't just take care of the sale of the containers but also build an effective circular economy.

Regardless of whether they are made of PET, metal or glass – whether bottles, cups or crates – they are reliably recognised in our reverse vending machines by their shape, weight, logo or 1D/2D code.

Sielaff service

Customers can rest assured that the Sielaff service does not end with the sale. The sheer breadth of our service concept sets us apart from our competitors and is integral to our understanding of good quality management. Service technicians in the Sielaff network provide on-site support, competent assistance and are never far away.

Everything from a single source

From the idea to development, implementation, planning and servicing – everything from a single source. Applied throughout the range, this concept gives Sielaff a clear competitive edge.



SIELAFF – engineering innovation for you

Simple

Staffing is reduced due to the intuitive use of the dispensing and reverse vending machines, as well as their very simple handling.

Secure

Certified according to the respective country requirements, the reverse vending machines offer the highest level of fraud protection.

Durable

The outstanding quality of our vending machines and service help to cut costs and improve efficiency.

Reliable

High availability is a persuasive factor in daily operation.

Today we are already
developing technologies
for modern life in
tomorrow's world.

Requirements: Recycling lives off participation

Reuse of the packaging

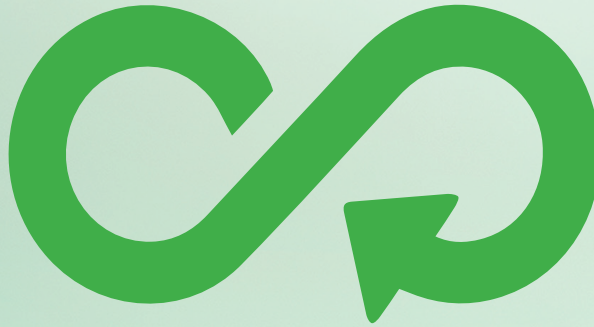
Reuse is even more sustainable than recycling single use packaging. Cleaning the items uses significantly fewer resources. Which protects the environment.

Hygienic cleaning and transport to the next point of use



Circular economy

The circular economy builds on the principle of recycling and is the antithesis to a throwaway economy. The process adheres to closed loops wherever possible. Sielaff is an important actor in the circular economy.



Return used containers quickly and easily – either in our SiCompact series or the SiVario 2020



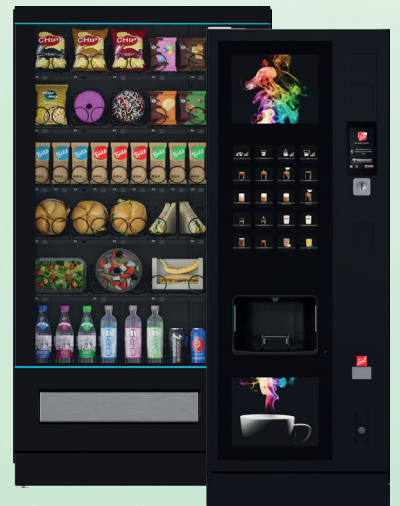
Zero waste principle

Materials and products should remain in use for as long as possible. Cleaning, reuse and recycling all enable responsible handling of containers. This reduces waste and preserves resources – entirely in line with the principle of zero waste.

Filling, e.g. at the restaurant, kiosk or in food retail

Offer for vending machines

Our reverse vending machines, cleaning and reuse close the cycle



Enjoy on the go, at work or in your own four walls



Return of dairy products in reusable packaging, whether it's glass or PET



Reuse? Sure thing! Collect glass bottles in crates or as individual containers



To-go packaging, e.g. from kiosks or fresh food counters at retailer outlets

Can the reusable packaging be accepted?

Simple dimensional check.

Our template shows you whether the reusable packaging can be accepted. It is a quick tool to check the height and width of your reusable packaging. The length of the packaging should not exceed 380 mm.

Your pre-filled or to-go packaging fits? Great – but we would still advise you to have it checked by us.

You need sustainable containers?

You have not yet decided on a supplier to source reusable packaging?

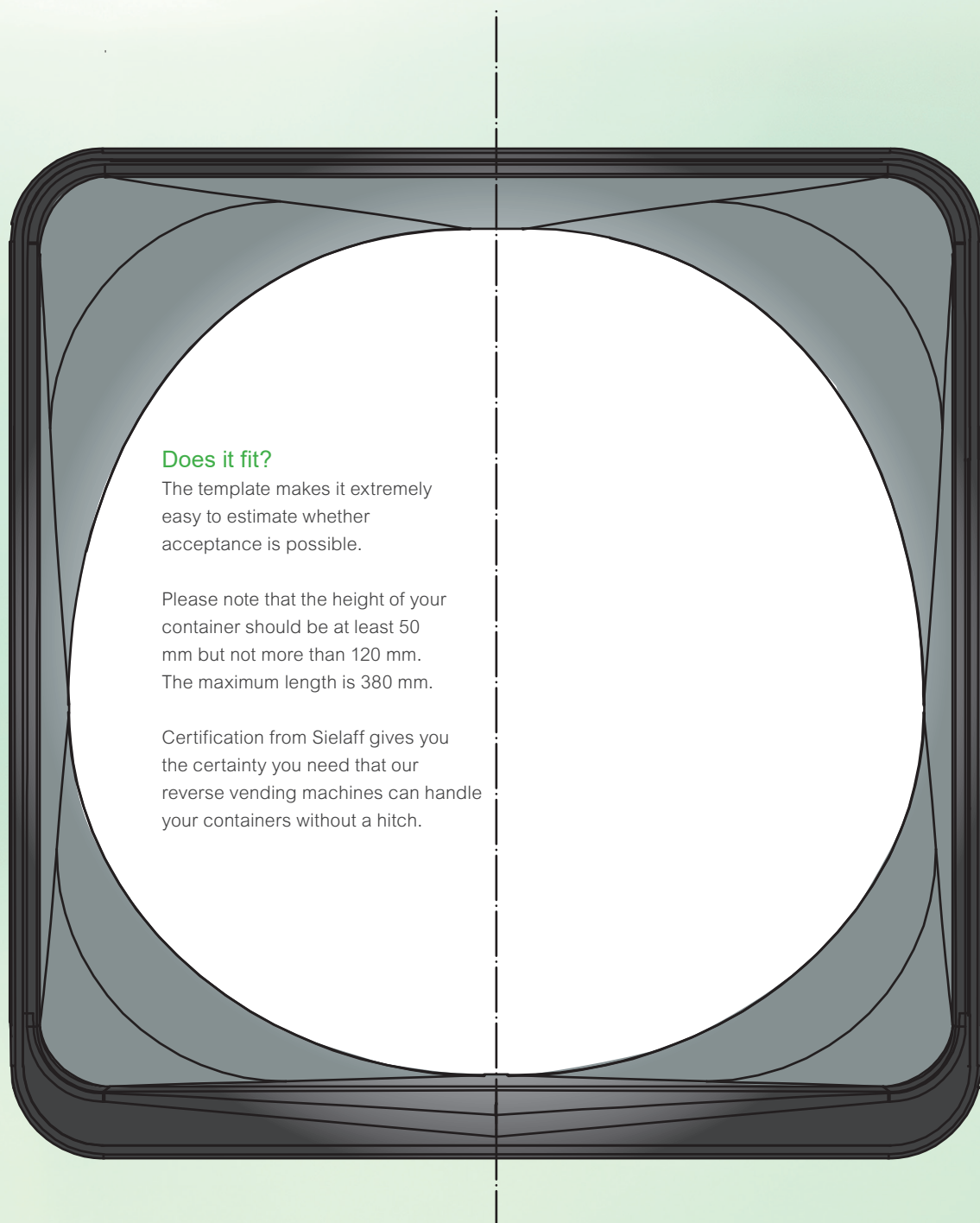
Just reach out to us: we will send you a list of certified Sielaff partners.

Any questions?

Our experts will gladly assist.






Just reach out to us if you are uncertain whether everything fits or the dimensions are close to the maximum.

We would be delighted to assist by telephone. You can also send the container / cup for testing in our telemetry and diagnostics centre in Ilmenau.



Acceptance in our SiVario 2020, SiCompact 2020 series and SiCompact ECO M series reverse vending machines

Product examples:

					
	Bowl	Can	Glass	Bottle	Cup
Width (*) mm	< 120	-	-	-	
Height (*) mm	< 120	-	-	-	
Ø (*) mm	-	< 120	< 120	< 120	< 120



(*) See the template for limit dimensions, min. 50 mm, max. 120 mm, max. length 380 mm



Bespoke planning with a background system that is perfectly aligned with the needs of the store

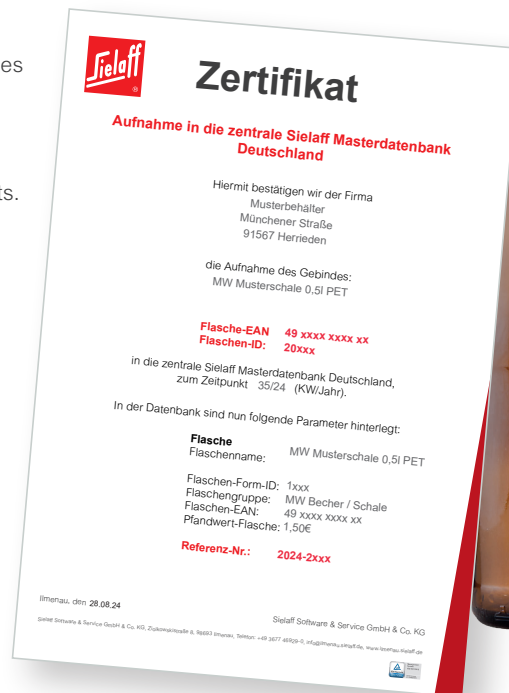
Required space: 1.53 m²

Building trust.

Testing and certification from Sielaff enables companies to set their reusable products apart from competing items and reassure customers that they are offering you and other consumers only high-quality products.

With our certificate, you show that your product fulfils all requirements.

Contact us to learn more about certification from Sielaff.



Certification example



From 'We bring vending into line' to 'Systematic returns'. That's SIELAFF.

Our approach is holistic.
If you sell, you should also take back.

Sielaff has a complete product range in vending and RVM and is the only manufacturer that seamlessly closes the gap between the sale of products and the return of empties.

SiVend® line

SiVend SN48, SiVend HG CVS/CIS 500, SiVend Robimat M, SiVend SiOne M

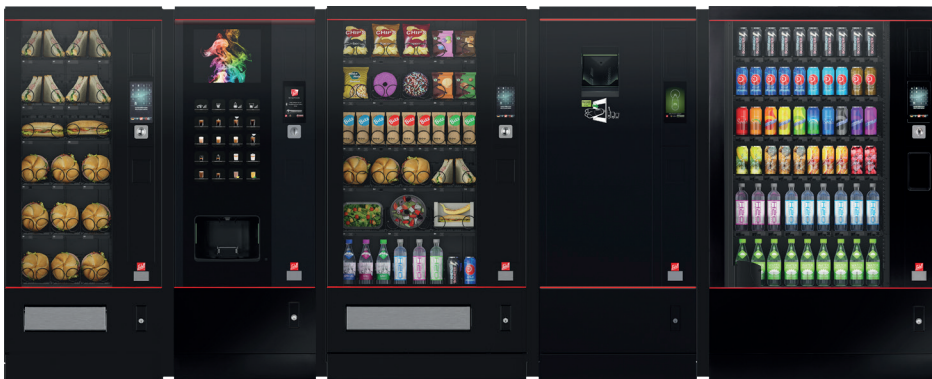
Proven technology, robust and built to last, for all areas. With the SiOne reverse vending machine for single use and reusable containers, designed also for vending lines.



SiLine® line

SiLine Snack S, SiLine HG TS7, SiLine Combi M, SiLine SiOne S, SiLine GF L

An impressive variety of modern vending machine concepts with touch display.
For smart store concepts, outdoor use and as a public version. Modern and eye-catching.



Siamonie® line

Siamonie Classic Touch with fridge module, credit module and cup warmer and Siamonie Smart with fresh milk module and credit module

Both equipped with base cabinets and plenty of practical accessories, the systems deliver unbeatably delicious coffee, like from a barista.



**For small to medium-sized stores
implementing the new requirements
for empties**

SiCompact ECO M

It requires just 1.09 m² of space and a standard household 230 V power connection. The modular design of the SiCompact ECO M makes it ideal for small to medium-sized stores that have previously not offered a return system for reusable packaging.

Despite their compact dimensions, the **SiCompact 2020** and the **SiCompact 2020 XL** offer a large collection capacity and are designed as free-standing or wall-mounted units.



**SiVario 2020 – faster, more features,
with or without crate acceptance**

Acceptance of all containers with EAN code, whether PET single use or reusable containers, glass bottles, cans or cups. Packaging is detected in real-time using camera-based, non-rotating Omega 360°-recognition.

Weight, barcode and shape recognition, safety labelling and full product recognition in the bottle acceptance area. A high acceptance speed of up to 60 containers and as many as 20 crates per minute is convenient for both customers and staff. Simple cleaning and highly qualified service technicians are part of the Sielaff experience.

**CrossMove variants for more
flexible sorting**

CrossMove comes with additional partitions, deflection and switch functions for more flexibility in compact spaces. This ensures the acceptance of our broad range of containers and reusable packaging.



Sielaff – stands for ‘Made in Germany’

Sielaff is among the world's leading brands for sustainable and successful vending machine systems. You are probably familiar with our products already – from vending machines for hot and cold beverages to snacks. Since 1886 we have been manufacturing smart vending machines that are used around the world, work day in, day out, and that are able to cope with high customer volumes autonomously. The quality claim ‘Made in Germany’ applies without exception to our entire product range.

Expert service, impeccable quality standards and personal customer focus are our strengths and therefore your benefits.

See for yourself.



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

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

**See here for our
company profile video**

