



Reverse vending machines

Sustainable and future-proof,
for everyday heroes



Sielaff – red logo, green heart

We are visionaries when it comes to sustainability

Protecting resources and managing them in a cycle is how we contribute to a sustainable life.

In all areas of our company, we take a holistic approach as the basis for our way of thinking and acting.

The production processes we employ ensure a very high level of air purity both inside and outside the company.

Sielaff is always up to date with the latest ecological standards through the consistent use of environmentally-friendly technologies and regular modernisation of its production facilities.

The constant review of standards and a climate-friendly vehicle fleet comply with the Eco-design directive.

That's why every Sielaff product reflects the company's conscientious approach of doing what is best for the climate, environment and society.



We believe that compliance with statutory rights and other guidelines are the minimum standard.

Sustainability is the guiding principle behind the development of our corporate goals and their implementation across all areas of the company.

SIELAFF – engineering innovation for you

For more than 135 years, Sielaff has been combining high-level engineering with a modern lifestyle.

Since 1886 Sielaff GmbH & Co. KG Automatenbau Herrieden has been developing, manufacturing and distributing smart dispensing systems and later on return systems as well. We are a successful medium-sized family business with a strong foundation and healthy growth.

As a technological pacemaker, Sielaff is driving the development, production and distribution of state-of-the-art vending machine and return systems. Comprehensive services round off our portfolio.

From the initial concept to the complete vending machine, manufacturing and assembly take place in-house and everything is always "Made in Germany". Sielaff invests in state-of-the-art manufacturing, research and efficient processes and makes certain to ensure maximum flexibility in production. A sustainable approach is the basis for how we think and act in all areas of our company. Sielaff is always up to date with the latest ecological standards through the consistent use of environmentally-friendly technologies and the regular modernisation of its production facilities.

It all started with one patent.

Plastics – Facts and Figures

Essential to our way of life

Our lives would be inconceivable without plastics. From cars to sneakers, they are an indispensable part of products. But almost half of plastic products are mainly used in packaging and end up as waste after a single use. Only a fraction of this enters the recycling loop.

Our annual consumption of resources is currently higher than ever before in history. Awareness of the need for change has grown. Consumers are demanding a rethink of how we manage materials and recycling, and there is a willingness to change how we act.

1,000,000 plastic bottles

are sold worldwide every minute.

The biggest market

for plastics is packaging materials. This accounts for about half of the plastic waste produced worldwide.

8.3 billion tonnes of plastic

were produced between 1950 and 2015.

62% of plastic waste

in Europe comes from disposable packaging.

78 kg of plastic waste

was produced by every person in Germany on average in 2020, 6 kg more than in 2019.



Plastics are valuable materials, not waste. Sielaff has the technical capacity to meet legal requirements and to enable the transition to a consistent circular economy. We show how it works – economically in operation and effectively in recycling.

Clear strategies, always future-oriented.

In the past 10 years

we have produced more plastic worldwide than in the past 100 years combined.

Acceptance of all plastic packaging from retail.

Not yet feasible, but the goal going forward: acceptance of all plastic packaging from the retail sector.

In the long term, our return systems will enable the acceptance of all plastic packaging using either a barcode or recognition software. This makes it possible to achieve a closed loop for more than 20% of plastic waste.

Whether food packaging, milk bottles or yoghurt pots, acceptance is hardly a problem. This will certainly not solve all of the challenges, but new ideas will have to be implemented if the forecasts are correct and waste generation is 70% higher in 2025 compared to 2010. Governments around the world are now responding.

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

Routine for Sielaff: Protecting the environment

Our modular return systems actively promote climate protection and resource efficiency in the retail sector. Flexible container recognition in our return systems

makes it possible to use barcodes to safely, cleanly and hygienically collect reusable and disposable solutions as well as cups and empties.

Sielaff return systems improve the environmental footprint, while at the same time easing the workload on staff in the store.

Flexible

Specialists provide support and configure your system to meet your requirements.

Wide range of acceptance

The systems enable hassle-free return of disposable and reusable packaging in a wide variety of materials. Regardless of whether they are made of PET, metal or glass – whether bottles, cups or crates – they are reliably recognised by their shape, weight, logo or barcode.

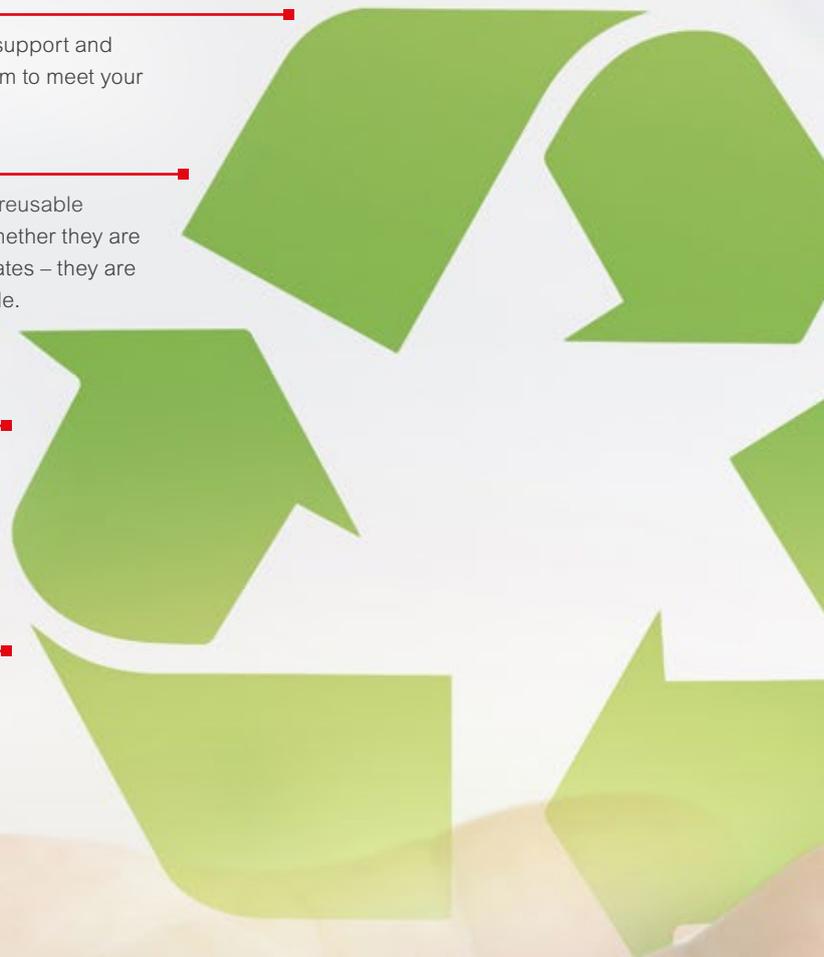
Variable

Custom designed, the systems are definitely the right fit for your store. The system is planned to suit your premises.

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.



Our return systems enable us to collect valuable materials. This protects resources, enables the recycling of raw materials and enables the establishment of a closed loop for valuable materials.

Simple

Staffing is reduced due to the intuitive use of the return systems and their very convenient handling.

Secure

Certified in compliance with DPG requirements, the return systems offer the highest level of fraud protection.

Clean

Well-conceived solutions ensure cleanliness and efficient processes for the smooth return and recycling of materials.

Reliable

High availability is a persuasive factor in daily operation.

Sielaff makes an active contribution to greater sustainability with its intelligent solutions.

Since 2022, customers have been required to pay a deposit on almost all disposable plastic beverage bottles and on all disposable beverage cans in Germany. In order to reduce the increasing consumption of resources, the German government plans to require a deposit on more containers. Starting in 2023, the fast food and to-go sector is required to provide reusable containers and, if a deposit is made, to provide systems that enable returns. It is reasonable to assume that other states in the European Union will also adopt this policy.

Sielaff is already prepared.

SiCompact 2020 and SiCompact ECO

For everyday heroes in smaller stores

Convenient and quick

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

Suitable for every small store

The new legislation means that the stand-alone SiCompact ECO return system for disposable containers only and the SiCompact ECO M for disposable and reusable containers are the ideal solutions for small stores that are required to take back empties.

They are both compliant with German deposit laws and can be used without problems at any location – however tight the space may be.



SiCompact 2020

Required space:
1.53 m²



SiCompact 2020 XL

Required space:
2.78 m²

Learn more



SiCompact – the best choice for real heroes

Adapting to the changes ahead

The SiCompact series offers the right system for every store operator. The SiCompact ECO series is more suitable for stores with smaller volume requirements or exclusively disposable solution. The SiCompact ECO M and the SiCompact 2020 series is built for larger quantities of disposable or optionally reusable containers.

Sielaff ensures you are perfectly prepared when everyday heroes want to return their empties.



SiCompact ECO

Required
space:
0.80 m²

SiCompact ECO M

Required space:
1.09 m²

Learn
more



SiCompact ECO

The little ones with a lot of options – however tight the space may be

The stand-alone SiCompact ECO exclusively for disposable containers is the ideal solution for small stores that are legally required to take back empties.

Ready to go in no time at any location

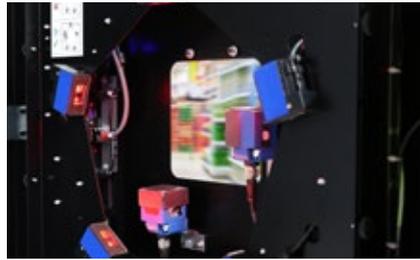
Installation is very simple – a domestic 230 V socket is all it takes – and the system is ready for operation via plug-and-play.

The SiCompact ECO catches the eye with its high capacity and compact space requirements. Easy handling, large collection capacity and high processing speed are the hallmarks of the SiCompact ECO.

Features

- One container (with partition wall), 2 sections: PET/cans

The non-rotating SiEye 360° recognition unit in the SiCompact ECO eases the workload on staff while ensuring cleanliness on site and a high level of customer satisfaction. The non-rotating return process reduces leakage of residual liquids and prevents contamination.



SiEye, the non-rotating 360° recognition unit for barcodes, 1D barcodes and 2D codes, BCR (imager-based code reader) and ALE 5.0 (DPG-compliant recognition unit)

General SiCompact ECO

- Stand-alone return system for PET bottles and cans for stores with limited space
- Compliant with German legislation
- Precise technology and plug-and-play installation based on 230 V
- High capacity in very small spaces (footprint 0.80 m²)
- Troubleshooting assistant
- Intuitive user prompting via the touch display
- SiEye – non-rotating 360° recognition unit for the international market
- Sorting by 2 sections
- Bag hook
- Electronic lock – opening code (keyless access)
- Metal sensor
- Easy cleaning with the help of the colour concept in the interior (low-soiling design inside and outside)
- Low-maintenance

Required space: 0.80 m²



Learn more



*SiCompact ECO
with a two-
compartment
container*



SiCompact ECO – Variants

- **SiCompact ECO Mix**
1x disposable, compacted
- **SiCompact ECO Sort**
1x disposable, compacted,
sorted into bottles and cans (½, ½)
- **SiCompact ECO HD**
1x reusable PET bottles,
bowls and cups
(no glass containers)

Fast, compact and efficient

Lacking space at your store? The SiCompact ECO take up less than one metre squared in floor space and is ideally suited to small spaces.

Easy to handle for staff members, the SiCompact ECO can be quickly reused to accept disposables.

Fast, smooth and entirely suitable for store owners who have done without a return system so far.



*SiCompact ECO Mix
a roller container for disposable empties*

SiCompact ECO M

Modular design for numerous variants – and any requirement

The stand-alone solution SiCompact ECO M accommodates a wide variety of return scenarios with a small footprint. With its modular design, the SiCompact ECO M is predestined for small to medium-sized stores that have done without a return system so far but now need to accept reusable empties. Reusable containers and bowls made of various materials can be collected in the HardDrop or SiDrop. Quick, secure and easy to use.

Variety of designs

Different front brandings on film can be attached individually at the request of the customer. The plans can also include complete covering on three sides (without back panel).

SiCompact ECO M, sufficient space for a wide range of design options



SiCompact ECO M

- Compliant with German legislation
- SiEye – non-rotating 360° recognition unit for the international market
- PET bottles, cans and glass (disposable and reusable containers)
- Sorting by 2 sections
- Footprint 1.09 m²

Features

- Two containers
 - 1x mixed PET and cans
 - 1x SiDrop for reusable emptiesor
 - 1x mixed PET and cans
 - 1x HardDrop for disposable glass
- One compactor with two sections
- Metal sensor
- Docking station for the SiDrop

Required space:
1.09 m²



SiCompact ECO M MIXI SD, with one roller container and one SiDrop





SiCompact ECO M Mix I HD, with one roller container and one HardDrop (standard 240 l rubbish bin)

SiCompact ECO M – Variants

- **SiCompact ECO M Mix I HD**
1x disposable, compacted, 1x HardDrop
- **SiCompact ECO M Mix I SD**
1x disposable, compacted, 1x SiDrop



Covers all requirements and fits easily into small stores.

Among the biggest advantages of the SiCompact ECO M is its modular design, along with its small footprint and the extensive range of sorting options in just a small space.



Docking station

SiDrop and docking station

The SiDrop is the ideal solution for returning reusable containers and packs in even the tightest spaces. Reusable bowls and cups from the food sector are accepted on a flexible belt that automatically adjusts its height to the filling situation. The removed SiDrop container is connected to the docking station. The belt is continually raised for emptying purposes to enable ergonomic and comfortable removal of the content by employees.



SiCompact ECO M Mix I SD, on the left with one roller container for disposable empties, and with an SiDrop for reusable empties on the right: Glass and PET bottles and containers from the to-go segment

SiCompact 2020

The solution for smaller stores with a lot of potential

Despite its compact dimensions, the SiCompact 2020 offers a large collection capacity and is designed as a free-standing or wall-mounted unit.

SiCompact 2020

- SiCompact 2020 Mix I Mix
2x disposable, compacted

For low-volume stores – the SiCompact 2020

The SiCompact 2020 return system is ideal for stores with a medium volume of disposable containers and limited space. Easy handling, optimised collection capacity and high processing speed are the benefits of the SiCompact 2020.

Features

- Two half Euro pallet roller containers
- Two integrated compactors
- Two integrated container distributors

Variety of designs

Different front brandings on film can be attached individually at the request of the customer.

The plans can also include complete covering on all four sides.



Required space:
1.53 m²

Learn
more



SiCompact 2020 with two roller containers in half-pallet size

SiCompact 2020 XL

Also for reusable containers



SiCompact 2020 XL – for medium-volume stores

The SiCompact 2020 XL is the ideal return system for stores with medium volumes of disposable and reusable containers. Like the SiCompact 2020, the SiCompact 2020 XL also provides easy handling and the same technical features in daily use.

Features

- Two Euro pallet roller containers
- Two integrated compactors possible
- Two integrated container distributors possible
- Optional: Metal sensor
- Optional: SiDrop and docking station
- Optional: HardDrop

SiDrop – convenient acceptance of reusable containers

The SiDrop enables the acceptance of reusable containers and packs in very small spaces. Sensitive glass, PET or reusable containers as well as reusable bowls and cups from the food and to-go segments are gently picked up on a flexible belt that automatically adjusts its height to the filling situation.

The SiDrop container is removed and connected to a docking station. The belt is continually raised for emptying purposes to enable ergonomic and comfortable removal of the content by employees.



SiDrop for reusable containers



Docking station

Required space:
2.78 m²



SiCompact 2020 XL Mix I SD
one roller container and one SiDrop in Euro pallet size

SiCompact 2020 XL

Built to accept everything – both disposable and reusable

SiCompact 2020 XL – suitable for reusable containers, the to-go segment and disposable containers

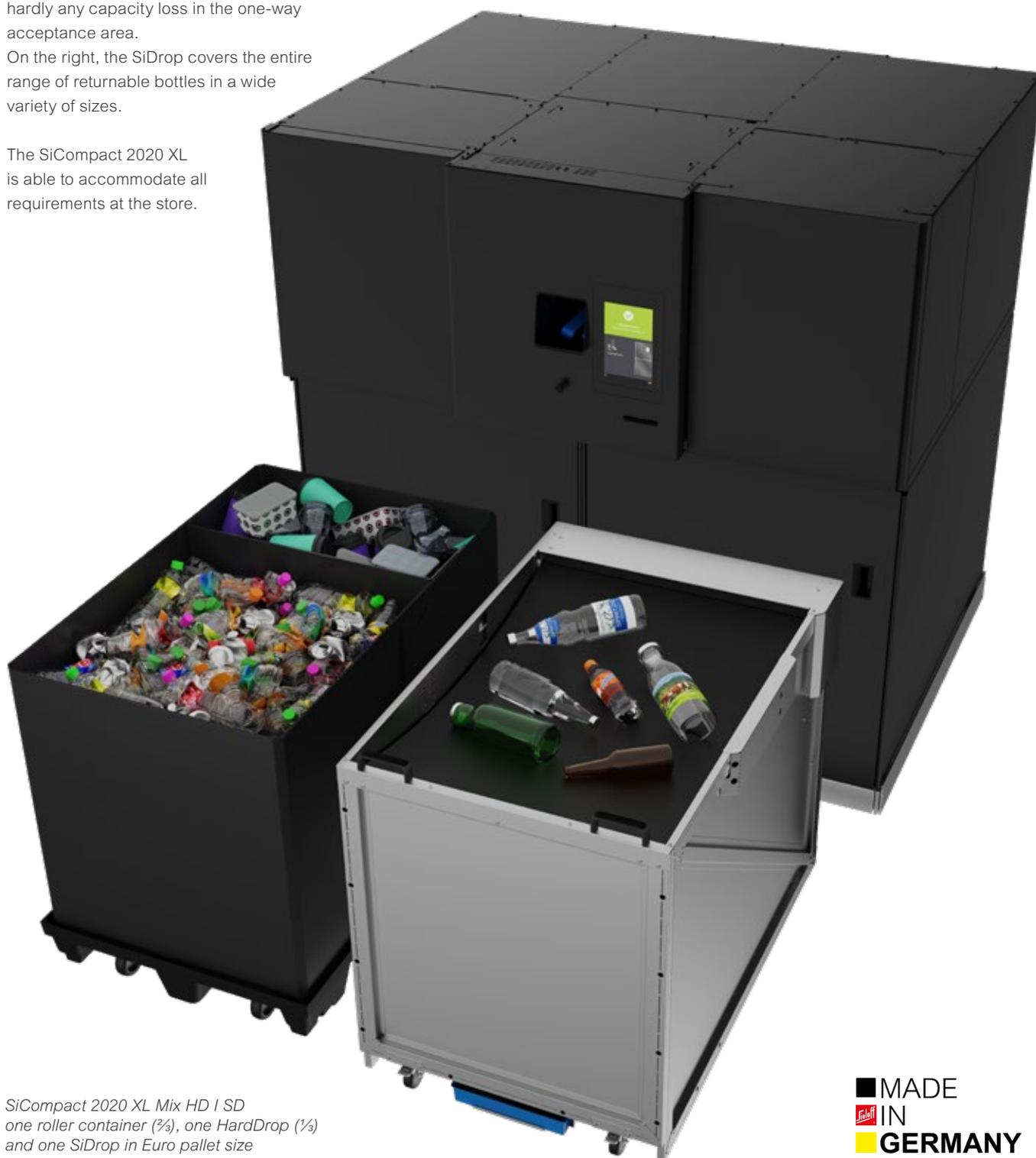
The SiCompact 2020 XL is used for the return of reusable bowls, which are transported into the container sorting section with a 1/3, 2/3 partition and with hardly any capacity loss in the one-way acceptance area.

On the right, the SiDrop covers the entire range of returnable bottles in a wide variety of sizes.

The SiCompact 2020 XL is able to accommodate all requirements at the store.

SiCompact 2020 XL – Variants

- **SiCompact 2020 Mix I Mix**
2x disposable, compacted
- **SiCompact 2020 XL Mix I SD**
1x disposable, compacted, 1x SiDrop
- **SiCompact 2020 XL Sort I SD**
1x disposable, compacted, can/PET sorting, 1x SiDrop
- **SiCompact 2020 XL Mix HD I SD**
1x disposable, compacted, and HardDrop (2/3, 1/3), 1x SiDrop
- **SiCompact 2020 XL Mix HD I Mix**
1x disposable, compacted, and HardDrop (2/3, 1/3), 1x disposable, compacted



*SiCompact 2020 XL Mix HD I SD
one roller container (2/3), one HardDrop (1/3)
and one SiDrop in Euro pallet size*

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The easy way to collect large quantities of disposable containers and from the to-go segment

SiCompact 2020 XL – for large quantities of disposable and to-go products

The modular design of the SiCompact 2020 XL greatly simplifies the acceptance of large quantities of disposable containers. For this purpose, both containers can be filled with compacted disposable containers, which also saves time for the staff. What is more, returnable bowls can be accepted at any time in a section on the left of the container.

For large volumes of disposable items and smaller quantities of reusable bowls and cups.



*SiCompact 2020 XL Mix HD I Mix
one roller container (2/3), one HardDrop (1/3)
and one roller container*

SiVario 2020

Modern technology for everyday heroes

Convenient and quick

The shopping experience starts on a more positive note by making it more convenient to drop off empties. See how positively your customers and employees respond to our modern SiVario 2020 solutions.

Sustainable shopping and efficient returns

Fast returns mean relaxed customers, even during rush hour.

Up to 60 containers and 20 crates per minute can be accepted at the same time by the Sielaff return system. This ensures smooth processes with high efficiency even when things become busy.

Faster than a human

Our system recognises the barcode and safety labels faster than the human eye. The shape of the container is recognised by a camera during acceptance and compared with the taught bottle contours.

Crate return requires a truly outstanding performance. Distinctive points are used to recognise all conceivable shapes, colours, logos, low and high crates, the number of bottles, the weight and the dimensions.



SiVario 2020 – the best support for genuine heroes

New functions

Continuous upgrading of our SiVario 2020 means that we will also be able to meet the demands of the store going forward.

Whether recyclable to-go bowls and cups, disposable or reusable containers, dairy packaging or crates, we are always in tune with what's happening in the market.



Learn
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SiVario 2020

Modern technology for new challenges

The SiVario 2020 is the systematic further development of the generations of reverse vending machines that are already well-known.

Faster, better and more intuitive thanks to cutting-edge technologies

The SiVario 2020 can accept empties extremely quick and is already equipped for future demands. The high speed ensures a pleasant return experience with no waiting.

Features

- Omega 360° detection
- Optional: Metal sensor

Variety of designs

Different front brandings on film can be fixed individually at the request of the customer. The SiVario 2020 is as flexible as your on-site needs.



Standard branding RAL 9005 with crate acceptance unit



Branding RAL 9006



Branding "Sphere" with crate acceptance unit



Branding "Bee"

Output

- Thermal printer and receipt roll
- Receipt is presented outwards
- Receipt data can also be loaded on a smartphone app via QR code

Interfaces

- Standard XML-data interface
- LAN (Ethernet)

Conformity

- CE, DPG-certified
- UKCA (UK Conformity Assessed)

Optional

- SiFace software:
 - Range releases
 - Amendment of opening times
 - Installation of couponing campaigns, Donations or advertisements on the display
- Connections to conveyor and sorting units for disposable and reusable packaging
- SiWash 2020 – The hygiene station: Drainage of residual fluids and hand washing facility



Also optionally available

wheelchair- and child-friendly design with a 10 cm-deeper input height for accessible, easy insertion of containers

Learn more



SiVario 2020 – Faster and more features

Acceptance of all containers

with EAN code, whether PET, disposable or reusable containers, glass bottles, cans or cups. Optionally also 2D codes, such as Data Matrix

Container recognition

camera-based, non-rotational Omega-360° recognition in real time. Weight, barcode and shape recognition, safety label and full product recognition in the bottle acceptance area

High speed

during acceptance, up to 60 containers per minute, up to 20 crates per minute

Easy cleaning

thanks to the optimised shape of the input ring (prevents dripping). Display-guided cleaning with animation and colour concept of surfaces for cleaning

Service-friendly

All operator controls on the front are fully accessible, errors can be remedied with menu guidance and the electronic lock can be opened without a key using a code.

Secure

against tampering using software and mechanics, certified in line with the DPG safety requirements



MonoSort

Housing positioned lengthways



The MonoSort technology is the ideal compacting solution for medium to high return requirements.

MonoSort combines a slim design capable of fitting into almost any installation space with a flexible, modular construction. The system manages up to five housings to ensure clean material separation and high failure safety at any time.

Features

- A space-saving, powerful sorting solution for medium to high volumes
- One compactor per housing ensures fast and reliable throughput with up to 60 containers/minute
- Material separation possible with up to 5 housings or within the housing
- Fully redundant system guarantees continuous operation for non-stop return, even when containers are being emptied
- The modular technology allows for easy, cost-saving installation and set-up
- Easy access and flexible emptying direction, optionally on the right or left
- Unique FlexiSort belt enables container transport in almost any size and design
- Switch – The deflector with directly driven belt ensures correct positioning of bottles and cans



Learn more



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MonoSort Short

Space-saving and customised

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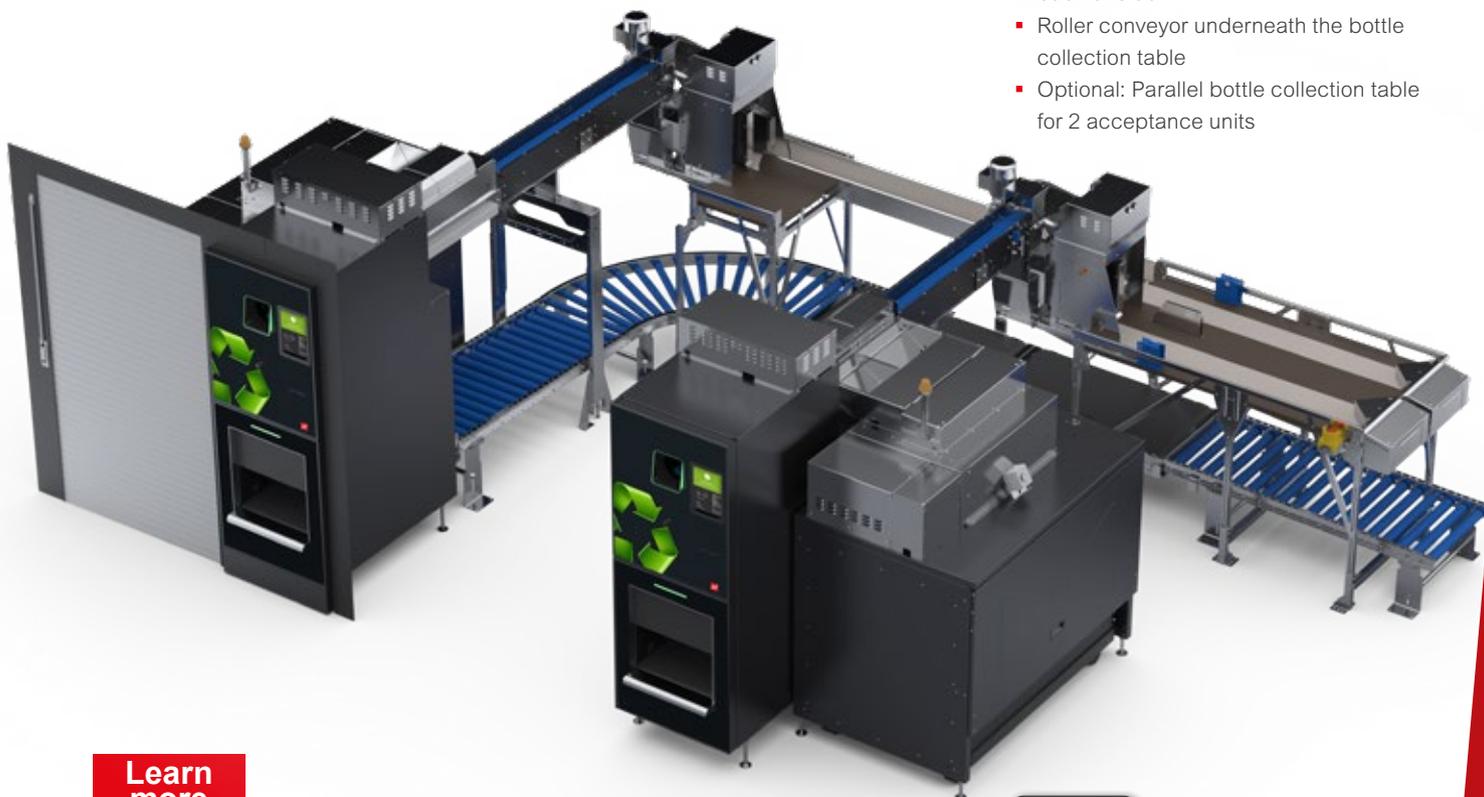
Features

- A space-saving miracle thanks to compact construction
- Housings at the sides
- Roller conveyor runs underneath the bottle collection table
- Material separation within the housing possible
- Emptying direction to front, back or side possible



MonoSort Short for narrow rooms

- Optional roller module for emptying forwards into the store
- FlexiSort extension to rear
- Roller conveyor curve
- Emptying direction either to the front, back or side
- Roller conveyor underneath the bottle collection table
- Optional: Parallel bottle collection table for 2 acceptance units



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DualSort

Housing positioned crosswise



The DualSort technology allows two acceptance heads to share one background system. Sorted collection according to material type is also easily possible.

The consistently separate processing of containers at the individual acceptance units guarantees 100% redundancy. Even use of each component helps to extend service life. The two compactors per housing doubles compactor performance.

Features

- 2 compactors per housing
- Emptying direction on the right or left
- Material separation with several housings
- 1 to 7 housings possible
- Dynamic resorting; the system remains ready for operation even when the collection container is being emptied

Non-stop return

Once an empties container is full, the next one is filled automatically. The system remains ready for operation even when emptying a container. The DualSort technology with smart controls therefore allows customers to enjoy an uninterrupted return process.

Low staff workload

Store personnel are flexible with their time thanks to dynamic resorting and can then empty the collection container at the most suitable time.

The number of housings can be planned variably to suit the needs of the store.

Space-saving

The compact design reduces the amount of space needed. This results in more storage space to use as necessary.



With 7 compactors

Features

- Acceptance unit and housing in one line
- 2 compactors per housing
- Removal direction on the right or left
- Material separation with several housings
- 1 to 7 housings possible
- Dynamic resorting; the system remains ready for operation even when the container bin is being emptied
- Good accessibility
- Easy and quick installation through plug-and-play

Learn more



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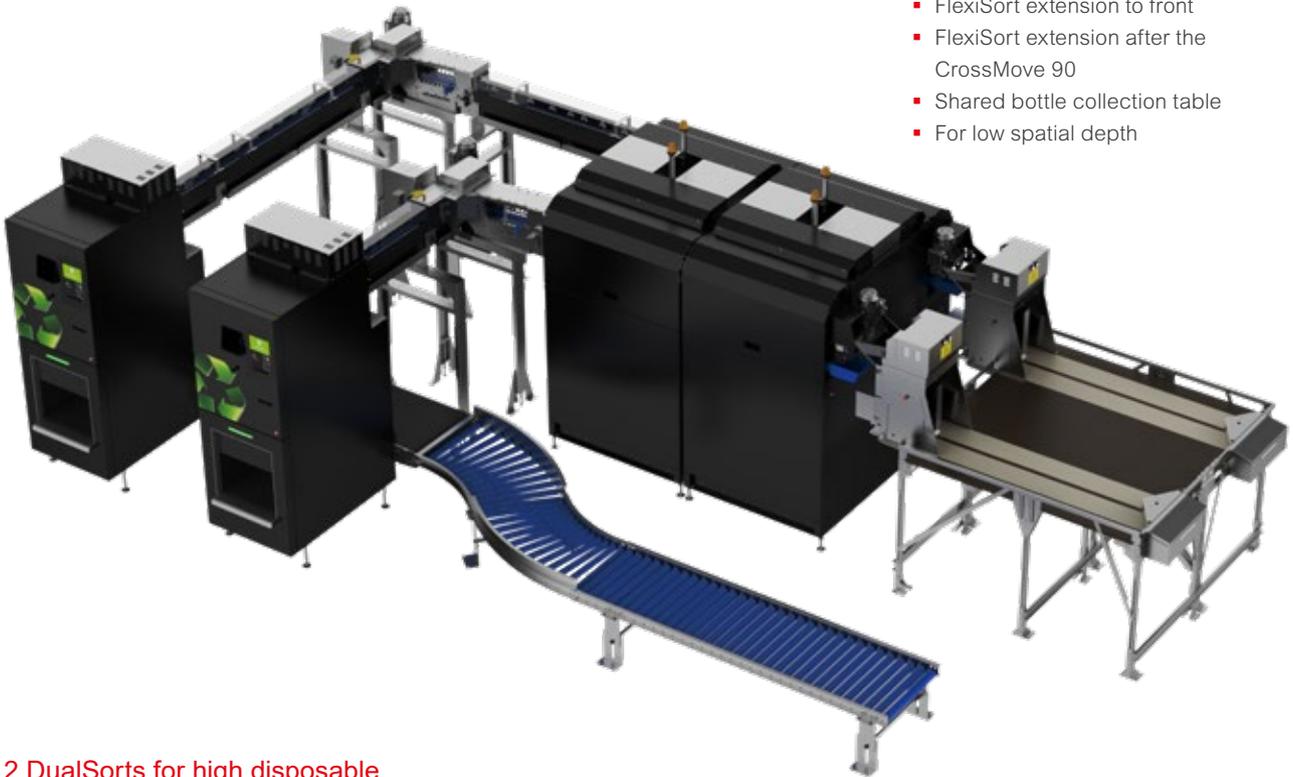
DualSort

Knowhow for individual consulting

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DualSort with CrossMove 90 as a flexible solution

- CrossMove 90
- FlexiSort extension to front
- FlexiSort extension after the CrossMove 90
- Shared bottle collection table
- For low spatial depth



2 DualSorts for high disposable and reusable volumes

- Individual FlexiSort extension
- Crate deflection
- High crate capacity due to 2 shelves
- Double-decker conveyor



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Accessories

CrossMove 90 – curve element for 90° deflection



Flexible and modular

The Sialff principle enables modular use in all housing types – whether MonoSort, MonoSort Short or DualSort. The module can be positioned in front of or behind the housing and above the crate route and can also be free-standing.

Optimal use of space

The CrossMove 90 transports containers in a 90° angle to the right or the left. The excellent flexibility enables optimal use of the available space. Solutions for angled or narrow spaces are available and possible conversions avoided. As less space is required, more is available for storage or sales.

Features

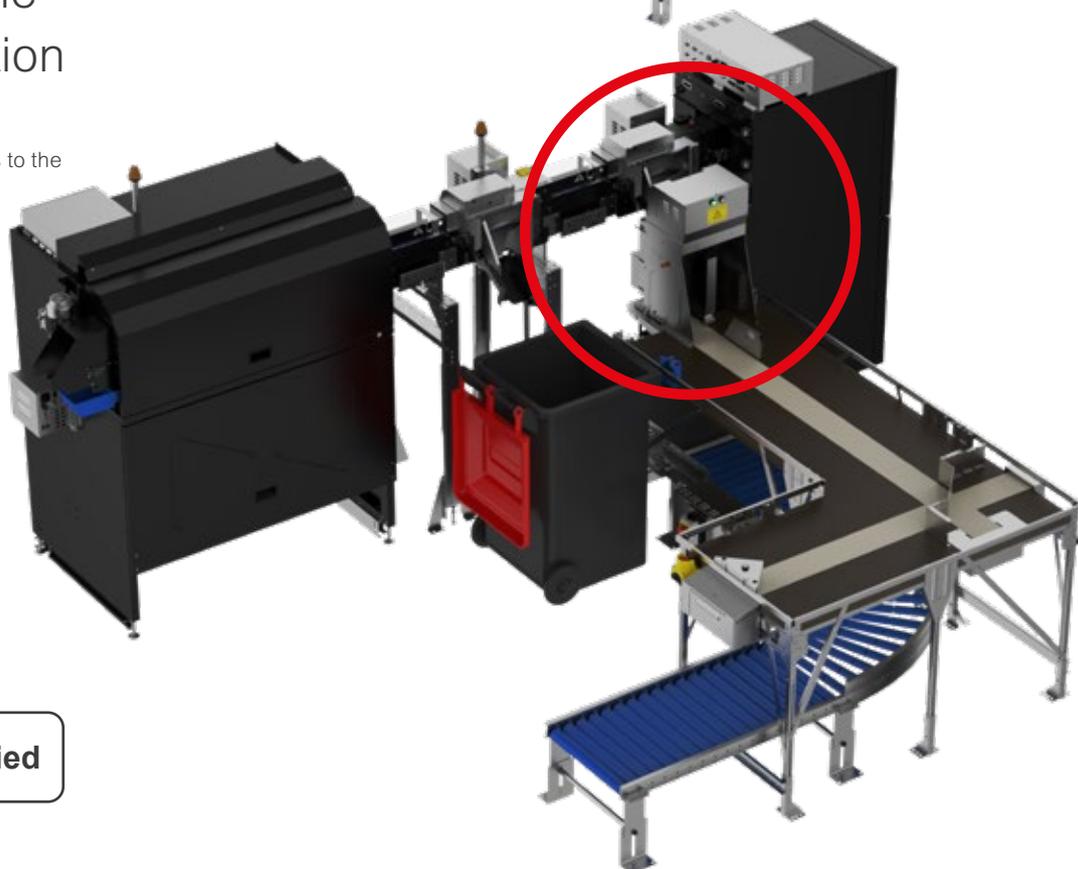
- 90° deflection to the right or left
- Flexible and modular use in all housing systems
- Can be positioned in front of or after the housing and above the crate route, as well as free-standing
- Optimal use of space
- Solutions for angled or narrow spaces



CrossMove table – 90° bottle ejection

Features

- Optimised use of space thanks to the position of the bottle table
- Service-friendly, the containers can be variably transferred from the CrossMove table to the bottle table
- Cost-optimised design (regardless of the plans)



DPG certified

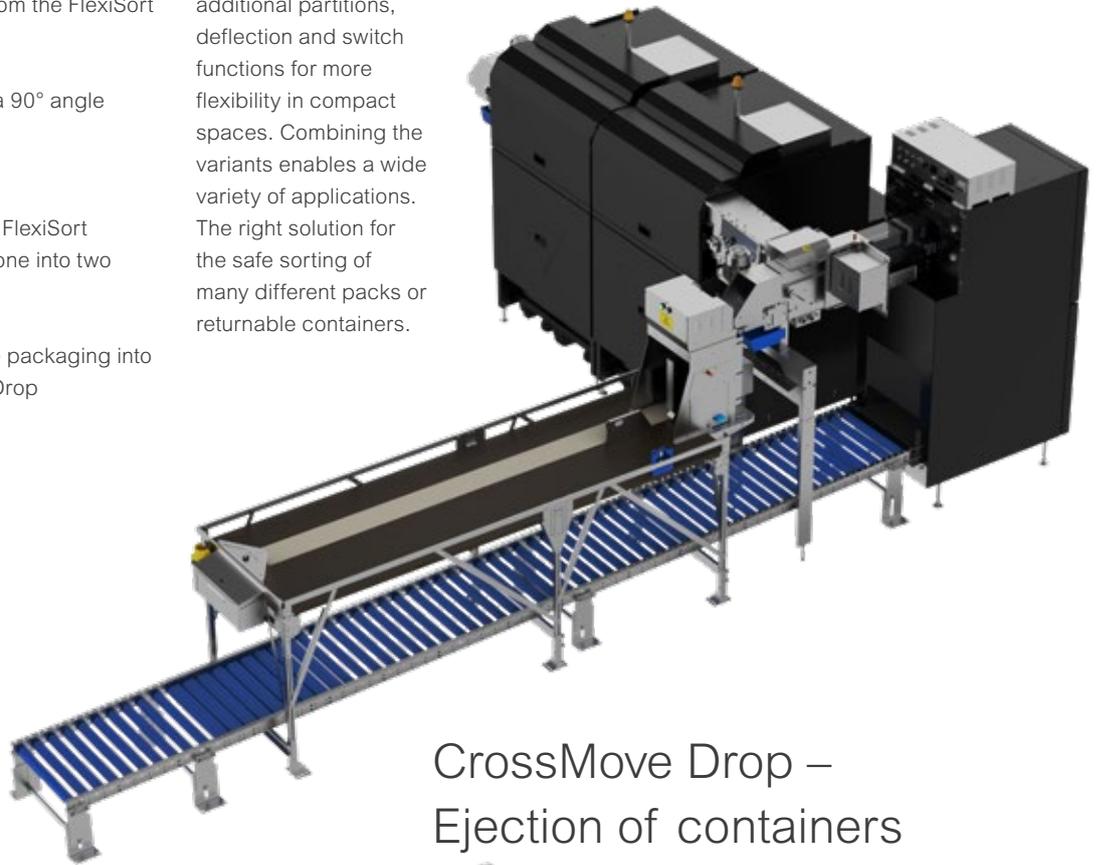
CrossMove – For more flexible sorting

CrossMove Variants

- **CrossMove table**
Transfer of containers from the FlexiSort to the bottle positioner
- **CrossMove 90**
Container deflection at a 90° angle to the right or left
- **CrossMove T**
Thanks to the CrossMove module, the FlexiSort can be expanded from one into two sorting routes
- **CrossMove Drop**
Discharge of non-fragile packaging into a container e.g. a HardDrop

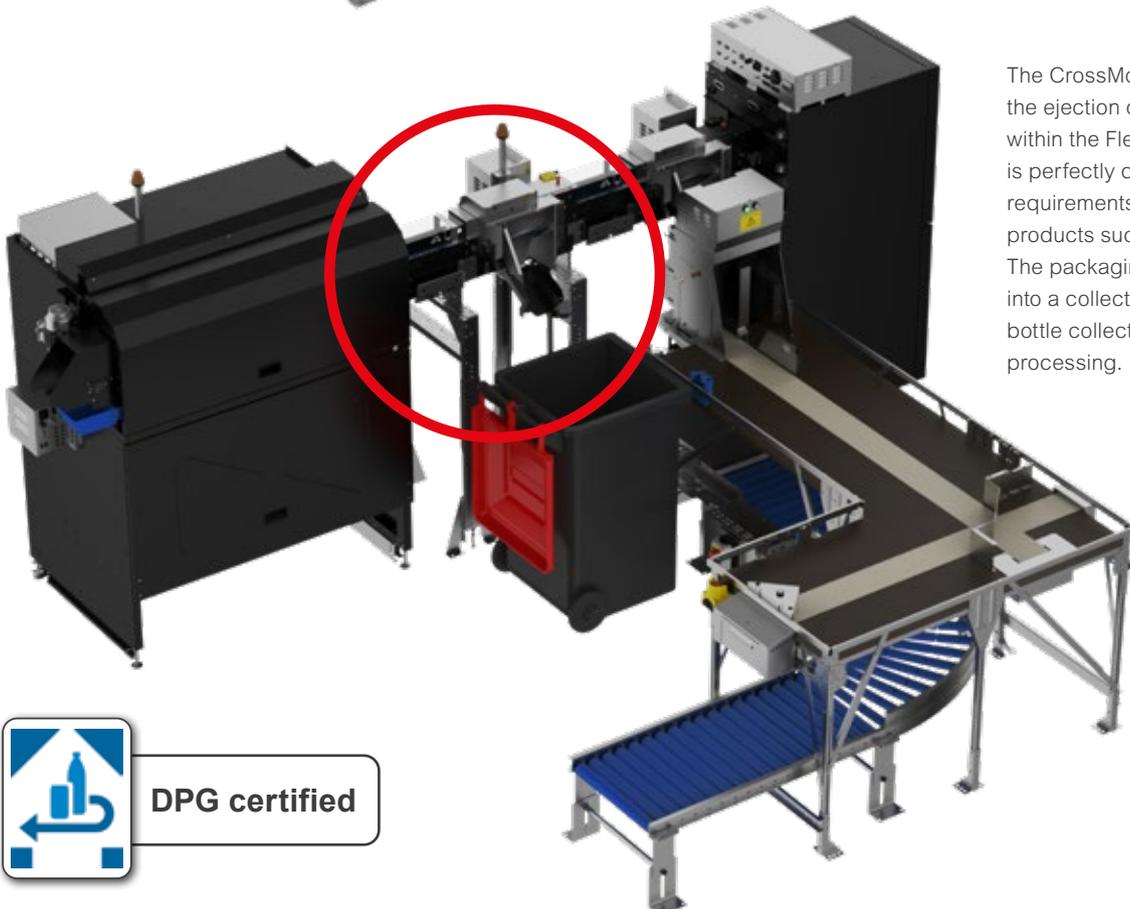
CrossMove

CrossMove comes with additional partitions, deflection and switch functions for more flexibility in compact spaces. Combining the variants enables a wide variety of applications. The right solution for the safe sorting of many different packs or returnable containers.



CrossMove Drop – Ejection of containers

The CrossMove Drop enables the ejection of defined containers within the FlexiSort. The module is perfectly designed for the requirements of reusable or to-go products such as bowls or cups. The packagings are either ejected into a collection container or on the bottle collection table for further processing.



DPG certified

Accessories

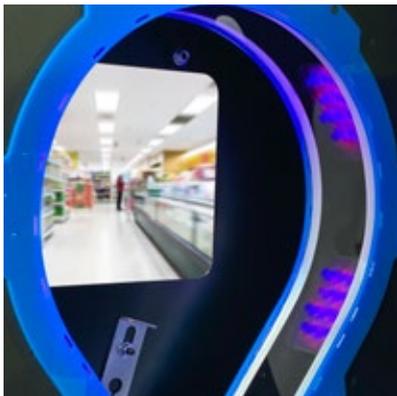
Omega 360° recognition unit, FlexiSort and switch



Omega 360° recognition unit

When inserting the container, barcodes along with 2D codes such as data matrix and DPG safety labels are recognised safely, quickly and reliably without any rotation of the container.

The speed is set by the customer themselves to ensure a pleasant return experience. The non-rotating return process reduces leakage of residual liquids and prevents contamination. Containers are reliably identified thanks to the Omega 360° recognition unit – even if they have lost their cylindrical shape or become deformed. You will therefore be ideally equipped for future packaging forms.



Omega 360° recognition unit

Our unique combination of FlexiSort and switch

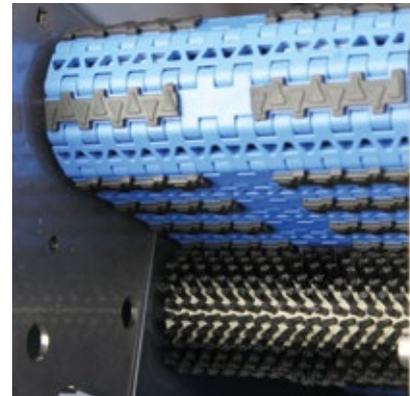
The FlexiSort is fitted with a link conveyor belt that transports the empty beverage containers to the compactors and the bottle table.

The FlexiSort technology enables all containers to be transported safely. Active deflection of the containers into the compactors using separately driven switches ensures a reliable compacting process. Due to the high speed of the switch, the containers reach the SafeCrush as quickly as possible.

The Sielaff modular principle enables standard adjustments of the FlexiSort length, depending on the structural circumstances – for maximum flexibility and functional reliability.

Avoidance of extensive cleaning

Dirt and foreign parts are directly removed by the cleaning brushes, minimising the cleaning workload. The brushes clean the belt automatically during operation.



Cleaning brushes on the bottom of the link belt



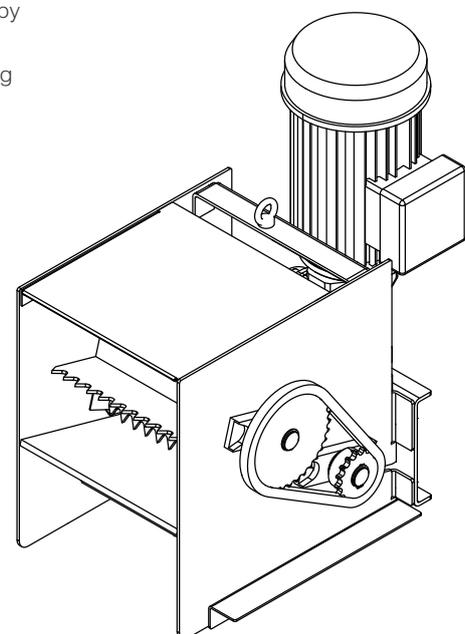
The switch actively deflects the container

The SafeCrush compactor

Sielaff's proprietary SafeCrush compactor draws in PET bottles, cans and even thick-walled containers easily and guarantees reliable disposal. A special glass compactor is available optionally.

A special steel alloy and the sturdy construction guarantee the outstanding durability of the impact-resistant SafeCrush.

The SafeCrush was developed in-house by Sielaff and therefore is synonymous with quality "Made in Germany". Its processing speed is outstanding compared to other compactors.



SiWash 2020

Hygienic and touch-free thanks to sensor technology



The SiWash 2020 – for cleanliness and hygiene next to the return systems!

The washing module is the practical addition to your return system. Bottles with remaining liquid can be drained easily and returned, the hands cleaned afterwards and thus the hygiene conditions improved. Your customers will thank you.

Maximum hygiene standards

The sensor-controlled equipment enables contactless hand washing and minimises the risk of infection.

Features

- Fully integrated, joint-free sink ensures easy cleaning with rounded transitions
- Sensor-controlled tap
 - Water supply corner valve with 3/8" External thread for cold or premixed water
- Sensor-controlled soap dispenser
- High-quality paper towel dispenser with hygienic stainless steel surface
- Large waste paper basket with a capacity of 38 litres
- Keyless door opening with Tip-On
- Wall installation with installation panel

Highlights

- Integrated LED light tube
- High-quality stainless steel components
- Modern concrete look with easy-care surface
- Contactless hand-washing

On-site preparations

- Water connection (cold or premixed)
- Wastewater connection or via lifting system
- Shock-proof plug 230V, 50Hz, 16A



Waste paper basket – easy removal



Accessories

Bottle raiser



Quick, clean processing

Adapted to the respective requirements, two-way sorting can be set for each bottle raiser depending on the container type. This processing is always quick, clean and safe.

The redesign of the bottle raiser offers store staff better accessibility at all times, making it easier to perform necessary work while cleaning. This improved accessibility is also a key advantage when dealing with jammed containers.

Features

- Processing speed of bottle raiser: Up to 40 containers per minute
- Optional: 2-way sorting function per raiser
- Optional: Redundancy in the event of tears in the bottle table belt

The presorting of the accepted containers enables time savings of up to 30 % when clearing the bottle collection table.



Bottle collection tables

Bottle collection table – straight

- Approx. 150 bottles per m² standing space depending on bottle size

Bottle collection table DualSort – double table

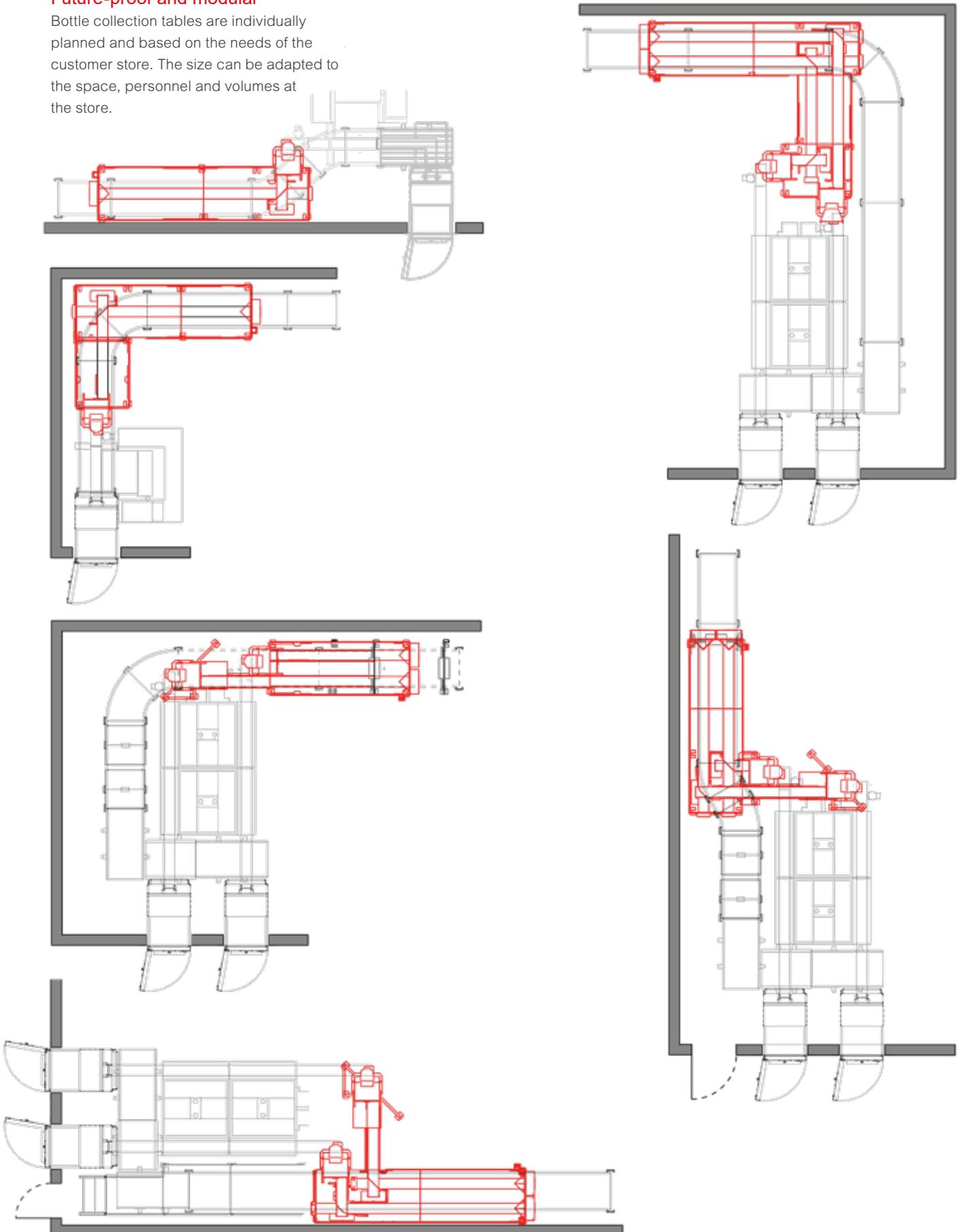
- Approx. 150 bottles per m² standing space depending on bottle size
- Completely variable lengths, capacity and position
- Other table shapes available on request



Bottle collection tables, as variable as your space

Future-proof and modular

Bottle collection tables are individually planned and based on the needs of the customer store. The size can be adapted to the space, personnel and volumes at the store.



Crate switches

Individual and diverse



The Sielaff modular system is just as versatile as the spaces at your premises. Crate switches are individually adapted to the individual space situations in the store.

All crate switch configurations can also be planned symmetrically and with different crate belt lengths.

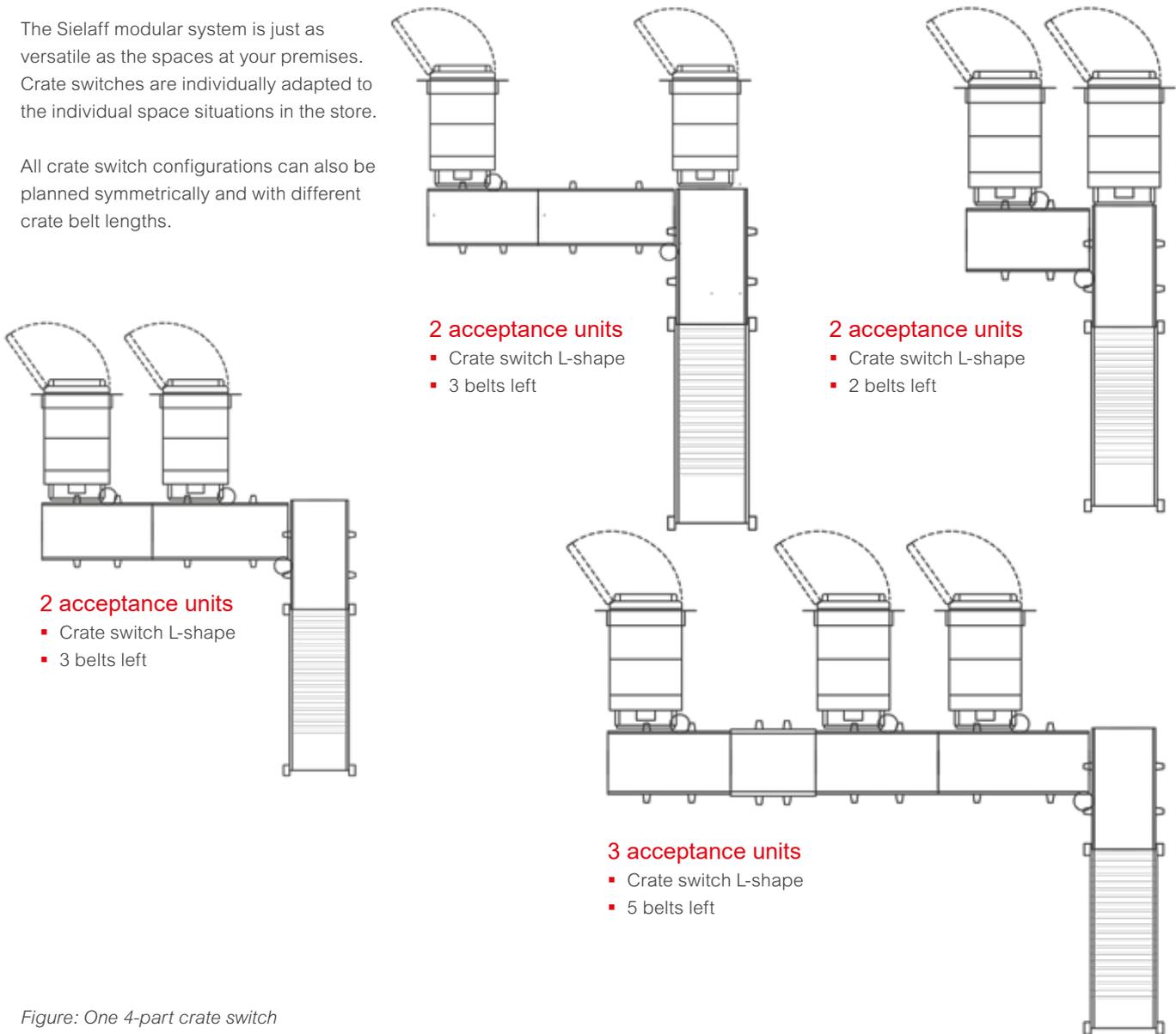


Figure: One 4-part crate switch



Everything from a single source

End-to-end solutions

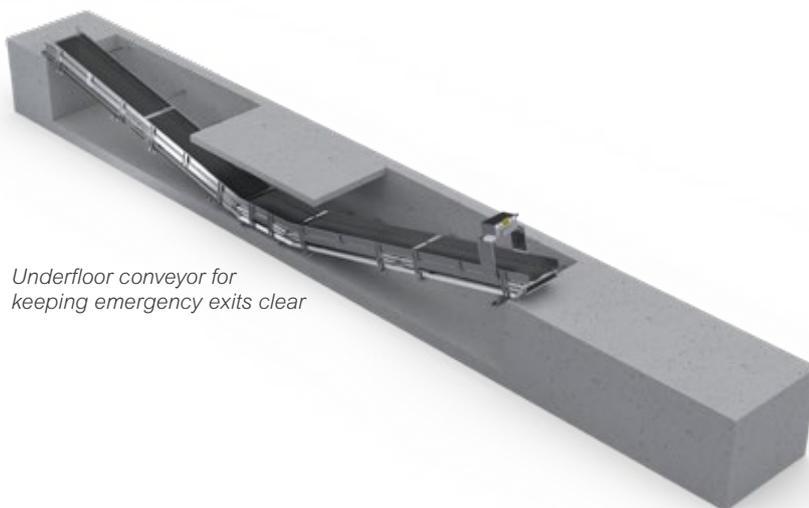


We are able to implement an end-to-end solution for your return system. From consulting and planning to implementation and servicing – everything from a single source.

We also offer solutions for complex background situations:

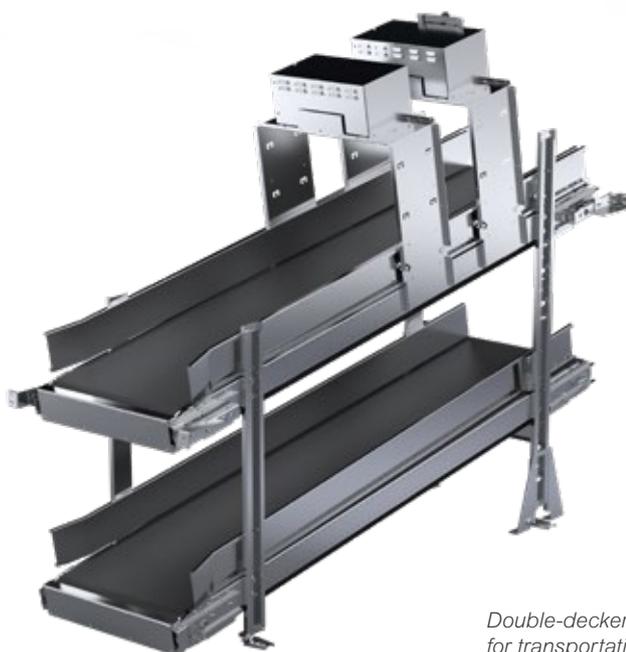
- Intersection of roller conveyors (gate, transfer plate, bridge)
- Transportation at all heights (elevated conveyor)
- Transportation on two levels (double-decker roller conveyor)
- Driven conveying (driven belt conveyor or crate belts)
- Transfer to other floor levels (helix conveyor, spiral chute)
- Solutions for fire protection areas (fire protection door, fire protection gate)
- Emergency exits kept clear (solution using conveying through tunnels or above passages)
- Implementation of ergonomic pick-up heights

Just ask us – we can combine different components and will put together a suitable offer for you free of charge and with no obligations.



Underfloor conveyor for keeping emergency exits clear

Helix conveyor for transportation with large height differences



Double-decker conveyor for transportation on two levels

Aftersales

Supply and customer service network

Telemetry and diagnostics centre

- Sielaff Software & Service GmbH & Co. KG
Ziolkowskistr. 8
98693 Ilmenau

We are always there for you, even after the purchase. With Sielaff's in-house telemetry and diagnostics centre, range adjustments, software settings, proactive system monitoring and data adjustments within Europe can be performed directly via remote access.

We minimise technician call-outs thanks to our integrated explanatory videos and online solutions.

Sielaff service perspective

Original parts that are developed and produced by or for Sielaff guarantee extremely high durability and reliability. Comprehensive service and technical advice are ensured even after the purchase. We also offer training and support service as well as maintenance and professional on-site cleaning.

Europe-wide network of service technicians

If you require on-site support, our Sielaff service technician network offers skilled support just a short journey away.

Who knows more about how your systems work than the people that built them? Rely on the experience and know-how of our experts in-house or at your premises.





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 developing and manufacturing state-of-the-art vending machines that are used around the world, 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 the whole product range at Sielaff.

First class products, expert service and personal customer focus are our strengths.

See for yourself.



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our image film**



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our success story**



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