

**CIRCULAR**  
**ONE** THE COMPLETE  
PACKAGING SOLUTION.

GLOBAL COLLECTION AND RECYCLING SERVICES



RECYCLE

TURN.  
CONDITION.  
CYCLE.  
REUSE  
SUPPLY.

# Focus on industrial packaging: **Increasing complexity.**

Enterprises that manage global supply chains face a wide range of challenges. The demands placed on an efficient and sustainable packaging supply chain are rapidly rising, building pressure on costs, quality and efficiency.



## **Tougher regulations**

New legal requirements, such as the EU Packaging Regulation (PPWR), as well as stricter waste and hazardous goods legislation, are significantly increasing the burden of compliance. In addition, specific national regulations must be observed.

## **Complex global supply chains**

A wide range of product variants, global supply chains and ever-increasing expectations regarding service levels demand absolute reliability combined with maximum flexibility.

## **Focus on sustainability**

The growing importance of environmental goals calls for a fundamental rethink of how we use packaging. Sturdy, safe and, above all, sustainable packaging solutions are becoming a key factor for strategic success.


# The new full solution for your supply chain.

## **CIRCULAR** **ONE** THE COMPLETE PACKAGING SOLUTION.

Highly efficient circular economy solutions based on customer-centric services that boost efficiency and offer maximum planning and supply security – all thanks to our global infrastructure and state-of-the-art environmental and recycling technology.




### **An integrated system solution**




We close the circle with services that include the easy return of empty containers, reconditioning and recycling in compliance with the highest environmental standards, the supply of reconditioned IBCs and drums, as well as packaging with a high content of recycled material.

### **Maximum planning and supply security**



Reduce your operational complexity. Thanks to our standardised service portfolio and clearly defined service agreements, you benefit from bespoke services that boost your efficiency and guarantee absolute supply security.

### **Everything from a single source**



Experience true one-stop convenience. CIRCULAR ONE is a comprehensive solution that addresses your cost, compliance and sustainability requirements, significantly reduces your operational workload and ensures you receive the best service all over the globe.

# RETURN

**The start of the cycle –  
our global network.**

Regardless of the  
manufacturer, we offer  
a collection service in  
many countries for:

Short transport routes are the backbone of efficient and sustainable logistics. To guarantee maximum flexibility and responsiveness worldwide, we are constantly expanding our network of production and service sites. By integrating leading local reconditioning specialists, we are rolling out our services to an increasing number of markets, providing you with all the benefits of our high-performance infrastructure.



# SCHÜTZ TICKET SERVICE

## Your collection service for all types of packaging.

We make it easy for you: with just a single order, you can arrange for all your empty industrial packaging to be collected. Our website details which packaging types we can collect from your site: [www.schuetz-ticket-service.net](http://www.schuetz-ticket-service.net)



**IBC:** Our global standard service



**Steel and PE drums:** Expert recycling



**Jerrycans:** Efficient solutions, even for small packaging units

## The benefits of our collection service.

Our global, benchmark-setting services are tailored to your precise needs:

### 1 EASY

Once you have registered for free, you can submit your order quickly and easily using your customer reference number.

### 2 FAST

Your containers are collected within a few working days of your order.

### 3 FREE

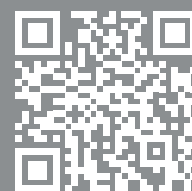
The service is free of charge provided that our return conditions and the relevant minimum quantities are met.

### 4 FLEXIBLE

We collect whatever you have – from small quantities to full truck loads, including regular collections and just-in-time solutions.

### 5 SAFE

Our collection processes comply with uniform standards and meet the highest environmental and safety requirements.

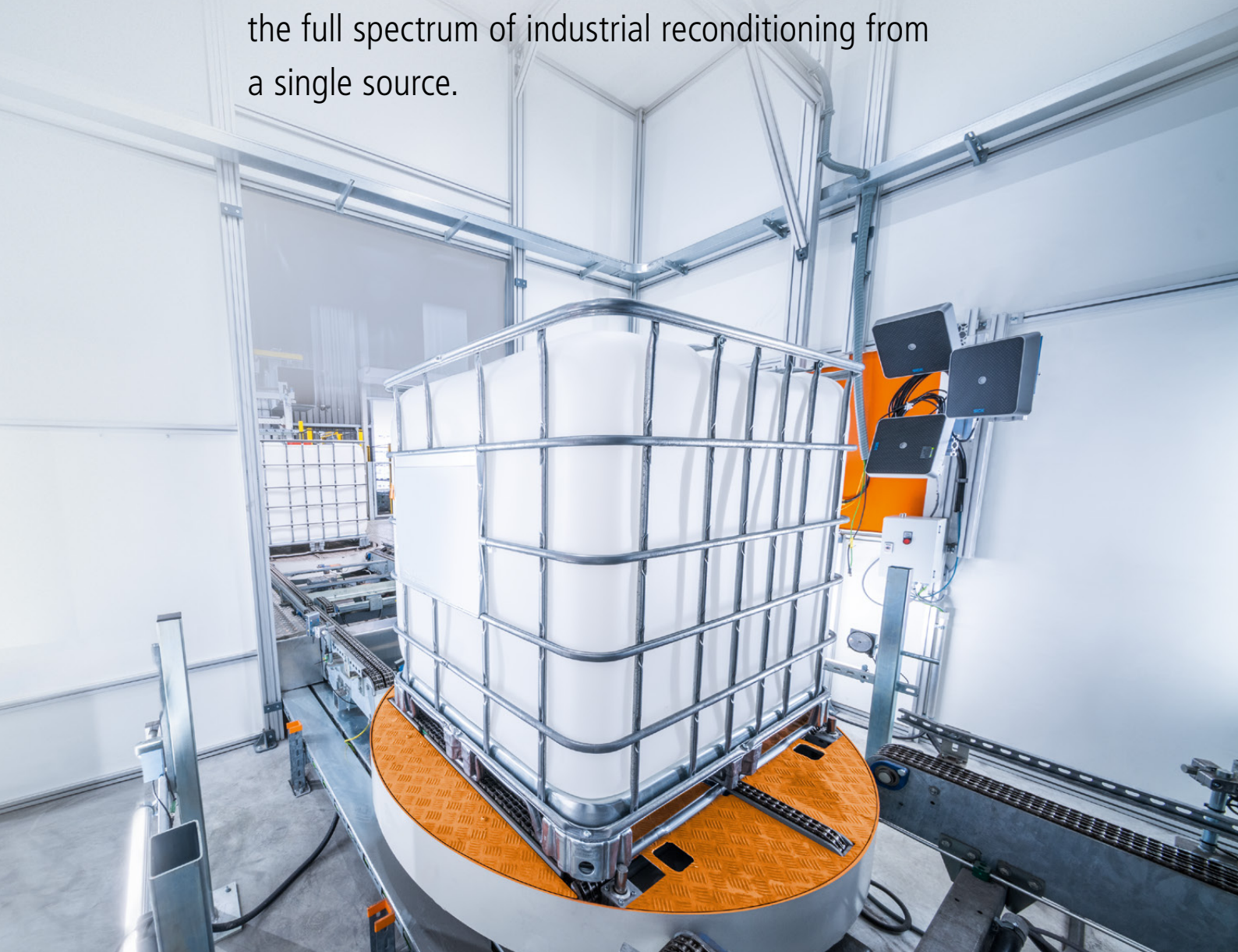


[www.schuetz-ticket-service.net](http://www.schuetz-ticket-service.net)

# REUSE & RECONDITION

Reduce costs and **conserve natural resources.**

Reconditioning and reuse play a key role in ensuring that packaging is economically and environmentally efficient. At our specialist facilities, we determine the optimum treatment path for every returned container based on its individual condition. Our state-of-the-art plant technology and the combined expertise within the extended SCHÜTZ network allows us to offer the full spectrum of industrial reconditioning from a single source.



## Quality and transparency through automation.

For us, process reliability begins the moment the goods are received. State-of-the-art, automated inbound systems digitally record the packaging. Using AI-supported scanning and inspection processes, container types are identified, residues are classified and the containers are intelligently routed to the appropriate reconditioning stream; packaging that cannot be processed is separated.

**Each item of reconditioned packaging undergoes rigorous leak testing and quality assurance in accordance with SCHÜTZ's established standards.**

## Certified processes for every type of packaging.

We use state-of-the-art processes for every type of container to ensure the highest standards of quality and safety for reuse:

**IBC rebottling:** Replacement of the inner bottle with a brand-new original part, including a new valve and screw cap. This is the SCHÜTZ standard for maximum safety for sensitive contents.



**GLOBAL STANDARD**

**IBC cleaning:** Professional washing processes for suitable applications and contents where reuse of the inner bottle is permitted and poses no safety risks.



**COUNTRY-SPECIFIC SERVICE**

**PE drums:** Professional washing processes for suitable applications and contents to make the drums fit for reuse.

**Steel drums:** Complete reconditioning including washing, thermal treatment (burning out), surface treatment (blasting), dent removal and repainting. The result is packaging with high visual and technical quality.



# SCHÜTZ OPEN LOOP SERVICE

## Maximum flexibility!

A smart balance between your packaging returns and your packaging requirements.



### THE CHALLENGE

Many of your returned packaging items differ in type and specification from your own requirements and have limited suitability for direct reuse within your circular system.



### THE SOLUTION

**Portfolio:** We transform your diverse return flows into a customised, standardised range of products and packaging through state-of-the-art reconditioning and recycling processes within our unique global network:



**IBC:** Rebottled, washed or new with a share of recycled material



**PE drums:**  
Washed or new with a share of recycled material



**Steel drums:**  
Washed or reconditioned



**Jerrycans:**  
New with a share of recycled material

**Supply:** You receive guaranteed deliveries of reconditioned packaging or new packaging containing recycled material (GREEN LAYER) based on clear service agreements – ensuring high levels of planning and supply security.

# INBOUND

Delivery of different types of packaging with varying specifications



# CIRCULAR ONE

THE COMPLETE PACKAGING SOLUTION.

Transformation through  
global reconditioning  
and recycling



# OUTBOUND

A portfolio tailored to your needs, with consistent quality and specifications

## Benefits of the SCHÜTZ OPEN LOOP SERVICE

- **Close material cycles efficiently**  
Even if you return different types and specifications, you receive a bespoke, consistent and sustainable supply and packaging portfolio.
- **Secure planning and reliability**  
Reduce your supply risk through individually agreed annual quotas with guaranteed supply security based on service agreements.
- **Reduced complexity**  
Returns, reconditioning, recycling and supply are managed through a single system – with SCHÜTZ as your central point of contact.
- **Proven sustainability**  
You benefit from a positive HDPE material balance. **SCHÜTZ sustainability certificates document your contribution to reducing your CO<sub>2</sub> footprint.**



# SCHÜTZ CLOSED LOOP SERVICE

## Protecting the value of your packaging stock.

With this service model, CIRCULAR ONE organises the efficient return and reconditioning of your own packaging portfolio for reuse within a closed loop system. The service is ideal for companies with regular, large and homogeneous volumes of packaging in circulation, where logistics can be handled in full truck loads.

The containers are collected by the SCHÜTZ TICKET SERVICE and reconditioned to the latest standards at a nearby service facility.

### OUR SERVICES:

- **IBC, PE drum and steel drum cleaning (laundry services)**
- **IBC rebottling service**
- **Steel drum reconditioning service**

We then return the same quantities of each packaging type to you. Packaging that cannot be reconditioned will, if required, be replaced with new or alternative reconditioned packaging.

# INBOUND

Homogeneous return portfolio



EXAMPLE

## CIRCULAR ONE THE COMPLETE PACKAGING SOLUTION.

Protecting value through local reconditioning



EXAMPLE

# OUTBOUND

Original packaging, reconditioned for reuse

## Benefits of the SCHÜTZ CLOSED LOOP SERVICE:

- **Preserving the value of your own packaging stock:** A closed loop system is a cost-effective solution if you have your own stock of packaging with uniform specifications and generate full truck loads.
- **Transparent and sustainable:** You achieve maximum transparency within your own cycle. The contribution your reconditioned packaging makes to reducing CO<sub>2</sub> is precisely recorded and you have solid data in the form of a sustainability certificate.
- **You remain the owner:** The packaging belongs to your company, while SCHÜTZ, as your loop partner, provides all services from logistics and professional reconditioning right through to documentation.

# RECYCLE

## Quality products through quality processes.

We have taken material recovery to a new level for plastic containers and components that can no longer be directly reused. In our own recycling centres, we transform used plastic back into a first-class raw material. Only full control over processing and recycling right along the entire value chain and process chain guarantees uncompromising quality.

## High-end recycling technologies.

Our material is treated in sophisticated mechanical recycling processes that go far beyond the established market standards. These include multi-stage washing and shredding processes, colour sorting and vacuum degassing and, finally, regranulation.

**The result is high-quality HDPE regranulate: homogeneous, odourless and with a uniform colour.**

In GREEN LAYER  
containers

RecyClass  
**30%**  
RECYCLED  
PLASTIC

Controlled and  
certified processes

RecyClass  
RECYCLING  
PROCESS  
EN 15343



## The benchmark: SCHÜTZ GREEN LAYER.

SCHÜTZ's premium recycled material flows directly back into our production processes. Using modern multi-layer extrusion, we manufacture IBCs, drums and jerrycans without compromising on quality or safety. Our packaging with recycled material offers exactly the same technical performance and meets the same regulatory standards as packaging made from 100% virgin material.



Tested and certified quality



### 3- or 6-layer technology:

The recycled material is securely embedded in the middle layer of the container, accounting for 30% of the total. The inner and outer layers are made from virgin material.



### High proportion of recyclate

By using recycled material in pallets and corner guards for our IBCs, we achieve a **recycled content of up to 70%** of the total plastic weight.

### Easy switch with no risks

Customers currently using our standard packaging can switch to the equivalent SCHÜTZ GREEN LAYER products without requiring lengthy new approval processes and can instantly improve their carbon footprint.

# RESUPPLY

## Smart supply of packaging for all needs.

SCHÜTZ Supply Service stands for the highest quality, absolute reliability and maximum efficiency in the global supply of industrial packaging systems.



With a comprehensive portfolio that includes innovative new packaging, plastic containers with a high proportion of recycled material, and reconditioned packaging, we help our customers to streamline processes in their supply chain and meet their economic and environmental goals.



Our solutions help make your supply chain fit for the future. Upcoming legal regulations will impose mandatory quotas for the use of recycled materials in industrial packaging.

**Comply with these requirements and optimise your logistics at the same time by choosing from our customised solutions:**

- **No packaging return:** You have full access to new SCHÜTZ packaging and – subject to availability – to reconditioned or resource-efficient GREEN LAYER models. This allows you to achieve your sustainability goals flexibly without being tied to a fixed circular model.
- **Combined with packaging return:** Return empty containers through the SCHÜTZ TICKET SERVICE to integrate your supply into a bespoke CIRCULAR ONE model. Your benefits include contractually guaranteed reconditioning services, defined delivery quotas and maximum supply security.
- **Swap body services:** To optimise your processes, we provide swap bodies directly to your facility. We exchange full units for empty ones, saving valuable storage space and minimising handling time.



# The central platform for your service requests.



Our new web portal  
**[www.schuetz-ticket-service.net](http://www.schuetz-ticket-service.net)**  
gives you direct access to the full range of  
CIRCULAR ONE services. Scan the QR code on the  
SCHÜTZ TICKET SERVICE sticker on your IBC or type  
the address directly into your browser – we offer easy  
access on any device to efficient and comprehensive  
packaging management.

## One-time, free registration

Get started straight away and submit your enquiry! With a personal customer reference number, you can process future orders even faster and use other contact channels easily and flexibly. As a new customer, simply enter your personal details at the bottom of your first enquiry, accept our terms of service and we'll send you your customer reference number.

## Your local services at a glance

We are continuously expanding our global network and range of services, and the services available vary depending on country and region. Based on your selected location, the site will show you which service modules are available to you locally:

- ✓ **Convenient and simple:** Everything from a single source – one system for all your needs.
- ✓ **Collection:** Conveniently arrange the collection of emptied packaging.
- ✓ **Reconditioning:** Open and closed loop services – tailored to your supply chain.
- ✓ **Supply:** Direct supply of new or reconditioned packaging – with or without recycled material.

## Requests made easy – with your customer reference number!



The process is streamlined, and there's no need to **re-enter your master data**.



**Access your previous requests** to copy, edit and resend.



**Send your enquiry** direct to the relevant SCHÜTZ service centre.



**Contact our service team** via the hotline for your local site.



Our goal for you: **One**



**SCHÜTZ  
TICKET SERVICE**

## A constantly expanding network for efficient returns

The SCHÜTZ TICKET SERVICE has been the global standard for the return of emptied industrial packaging since the 1990s. We are continuously growing our global network of production and service sites to expand our service pledge and meet the high performance standards we set ourselves. Through the targeted integration of leading local reconditioners and ongoing investment in state-of-the-art technologies, we are creating an infrastructure that sets new standards:

- **Fast:** Short transport routes ensure smooth and responsive logistics.
- **Simple** With just one request, you can arrange the collection of a wide variety of container types.
- **Reliable:** All processes adhere to uniform standards and meet the highest safety requirements.

-Stop Convenience.

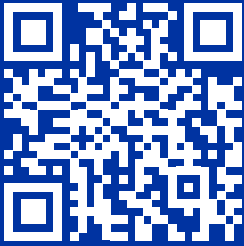


**CIRCULAR**  
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PACKAGING SOLUTION.

## Global expansion of peerless recycling services for maximum flexibility

With CIRCULAR ONE, we are evolving our circular economy services into a comprehensive system solution, which we are already able to offer in many countries and regions. We combine collection, reconditioning, recycling and smart supply in a highly efficient circular process – ensuring maximum planning and delivery reliability from a single source.

**We are systematically expanding our portfolio in order to offer you genuine “one-stop convenience” wherever you are. Regardless of your location, you will soon be able to benefit from the high SCHÜTZ service standard you are accustomed to and can make your supply chain significantly less complex.**



## Mastering the circular economy together – simply and fast:

- Arrange a meeting with us.
- Let's look at how we can provide the best solution for your circular economy.

Visit our new service portal:  
[www.schuetz-ticket-service.net](http://www.schuetz-ticket-service.net)



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