

WASHING AND HANDLING OF TROLLEYS

Customised washing and handling systems for trolleys/roll containers



SEMI STAAL
CLEANING & AUTOMATION

TAILORED TROLLEY/ROLL CONTAINERS WASHING AND HANDLING SYSTEMS

SEMI STAAL designs and produces tailor-made systems for washing and handling most types of (smoke) trolleys, roll containers and racks. We supply to both the food industry, hospitals and the pharmaceutical industry.

We can provide you with a wide range of solutions – from small stand-alone washers to fully automated washing systems – depending on your requirements. All our washing machines are modular and manufactured according to HACCP principles.

Our solutions help you strengthen food safety, improve hygiene and create better working environments.

OUR WASHING SYSTEMS CAN BE EXTENDED WITH

- Drying systems
- Conveyor systems
- Storage systems
- Handling systems

GOOD FOR BOTH THE WORKING ENVIRONMENT AND THE CLIMATE

- Optimises the working environment
- Time-saving and consistent process
- Sustainable with recirculating water system
- Low variable running costs
- Durable – we have systems running for 30 years

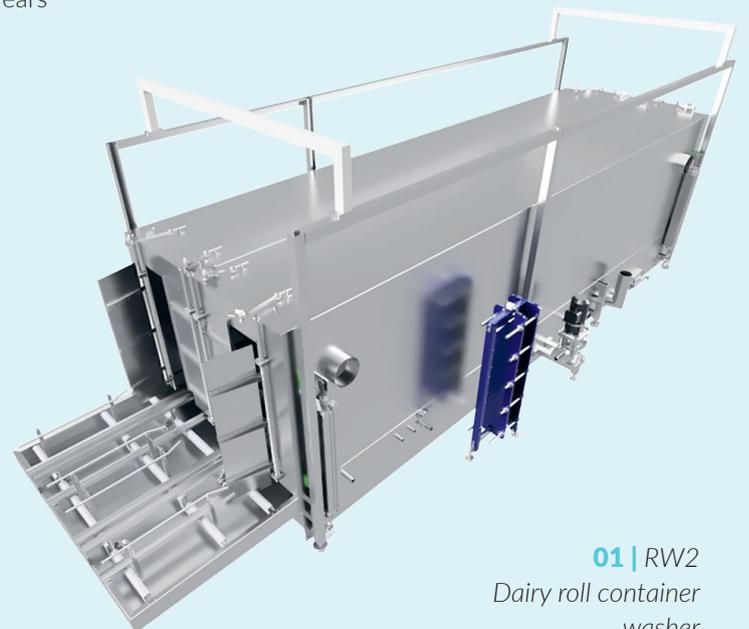
FLEXIBLE SOLUTIONS

- Multiple types and sizes can be handled in the same system
- Capacity range of 10-100 items/hour
- Small stand-alone or fully automated systems
- Manufactured according to HACCP principles
- Guaranteed end result
- After Sales Service and support

01 | RW2 – DAIRY ROLL CONTAINER WASHER

In this solution, the washer is integrated with the existing accumulation conveyors before and after the washing unit. This increases the throughput speed, and reduces manpower. The central washer module is equipped with a recirculating washing section, an after-rinse function and a blow off section.

Capacity 2 x 400 roll containers/hour.



01 | RW2
Dairy roll container washer

COMPACT TROLLEY WASHING SYSTEMS

Our trolley washing systems are fully customisable and modular, allowing for seamless adaptation to space and logistics requirements.

Experience the ultimate flexibility with our tailor-made washing systems, available in a range of sizes and designed for easy customisation. The water system is a recirculating system.

The heating source is adapted to your energy infrastructure and the filter is adapted to the application, with our range of customisable options.

02 | RW1

RW1 has infeed and outfeed on the same side. The perfect solution if space is an issue. The central washer module is equipped with a recirculating washing section, a blow off section and an after-rinse as standard. Several types of heat sources and filters allow us to customise a solution that will suit your requirements.

Capacity 10-40 trolleys/hour.

03 | RW2

RW2 has separate infeed and outfeed. The central washer module is equipped with a recirculating washing section, a blow off section and an after-rinse as standard. The washer module can be integrated existing conveyor system or extended with SEMI STAAL conveyor system as required.

Capacity 10-40 trolleys/hour.

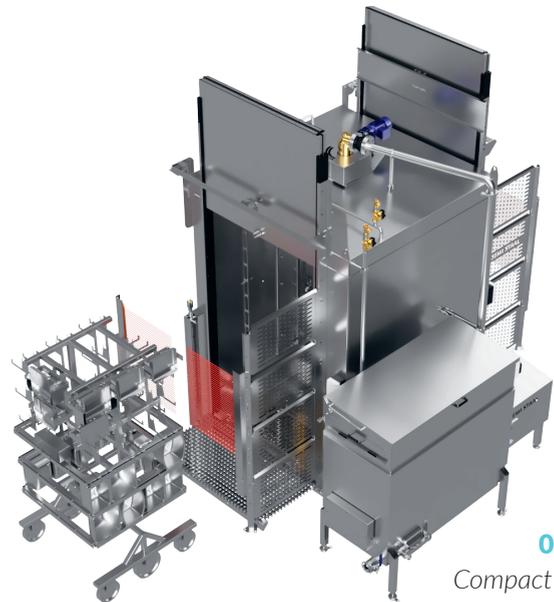
04 | RW2 WITH CONVEYORS

In this solution, the washing function is integrated with accumulation conveyors before and after the washing unit. This increases the throughput speed, and reduces manpower. The central washing module is equipped with a recirculating washing section, a blow off section and an after-rinse as standard. The illustrated solution involves two washing lines.

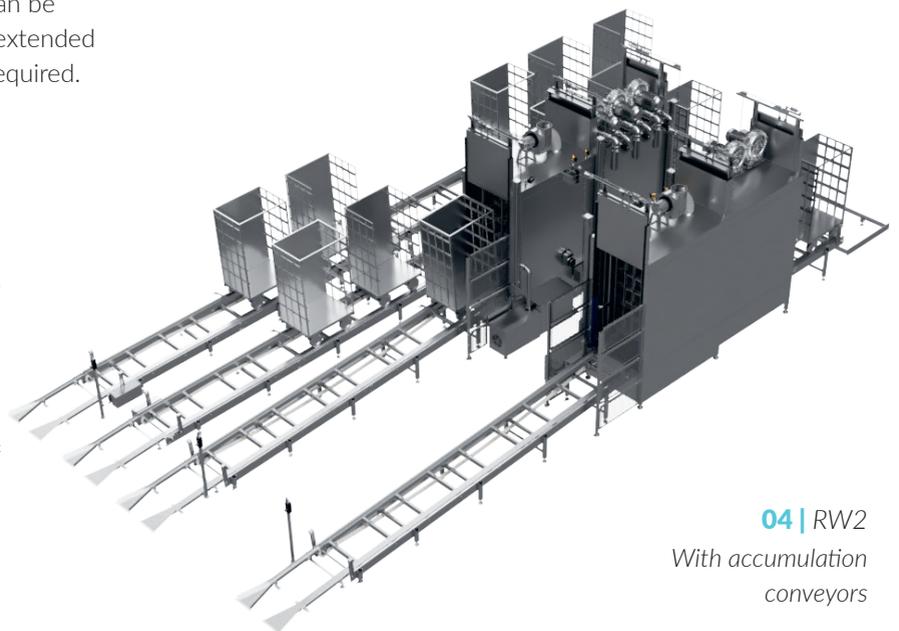
Capacity 2 x 30 trolleys/hour.



02 | RW1
Compact solution



03 | RW2
Compact solution



04 | RW2
With accumulation conveyors

50 YEARS OF EXPERIENCE IN INDUSTRIAL WASHING AND HANDLING SYSTEMS

SEMI STAAL is a Danish technology and manufacturing company specialized in developing, manufacturing and installing cleaning and handling systems for food, hospitals and pharmaceutical industries.

We have more than 50 years of experience and have developed, manufactured and installed solutions for more than 1,000 customers worldwide.

We are helping the food, hospital and pharmaceutical industries to clean and handle returnable packaging, beds, mattresses and assistive devices. In doing so, our customers can strengthen food safety, improve hygiene, break the chain of infection and at the same time create better working environments.

UN COMMITMENT

SEMI STAAL continues to strive to optimize cleaning and automated solutions for food, hospitals and the pharmaceutical industry. Solutions that are efficient, safe and tally.

SEMI STAAL supports UN Sustainability Development Goals, by assigning to:



See the full description of our work with UN Sustainable Development Goals on our website www.semistaal.com