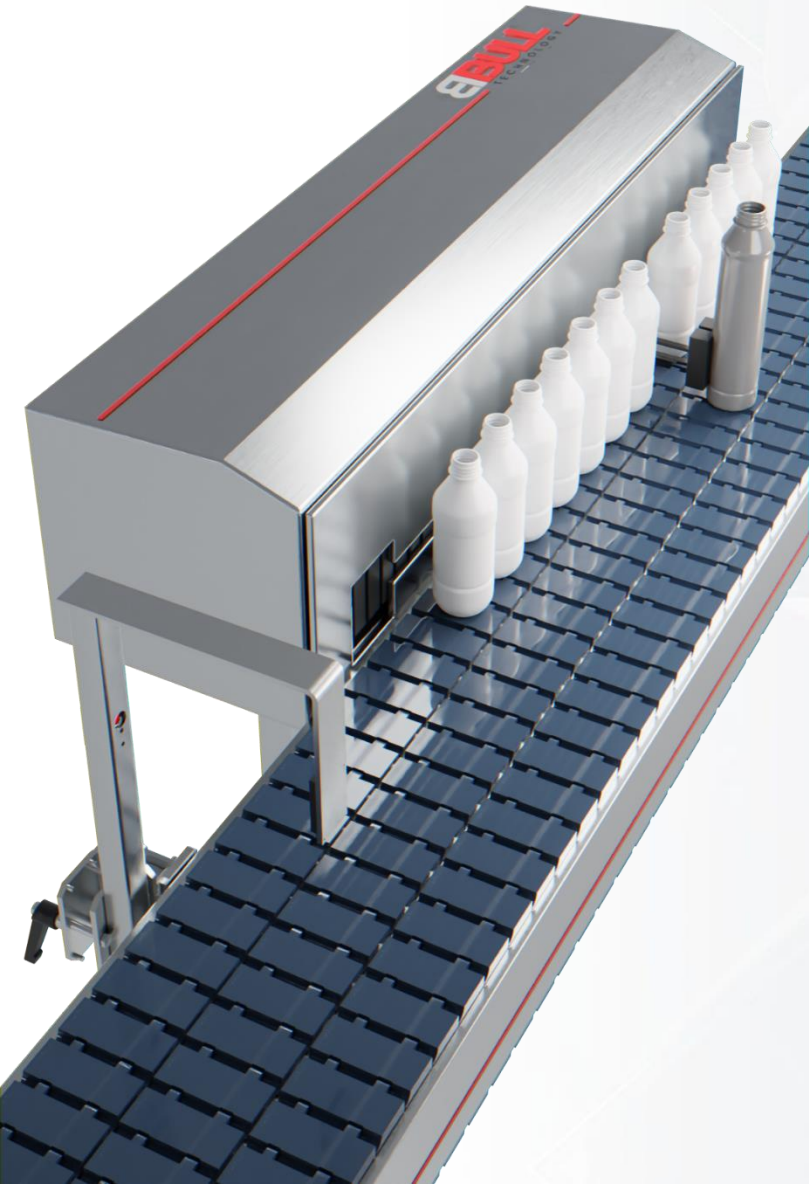




## **DMS**

Dynamic Multi Segment  
Rejection System

# Dynamic Multi-Segment Rejection System - DMS



An innovative solution designed for efficient and flexible sorting processes.

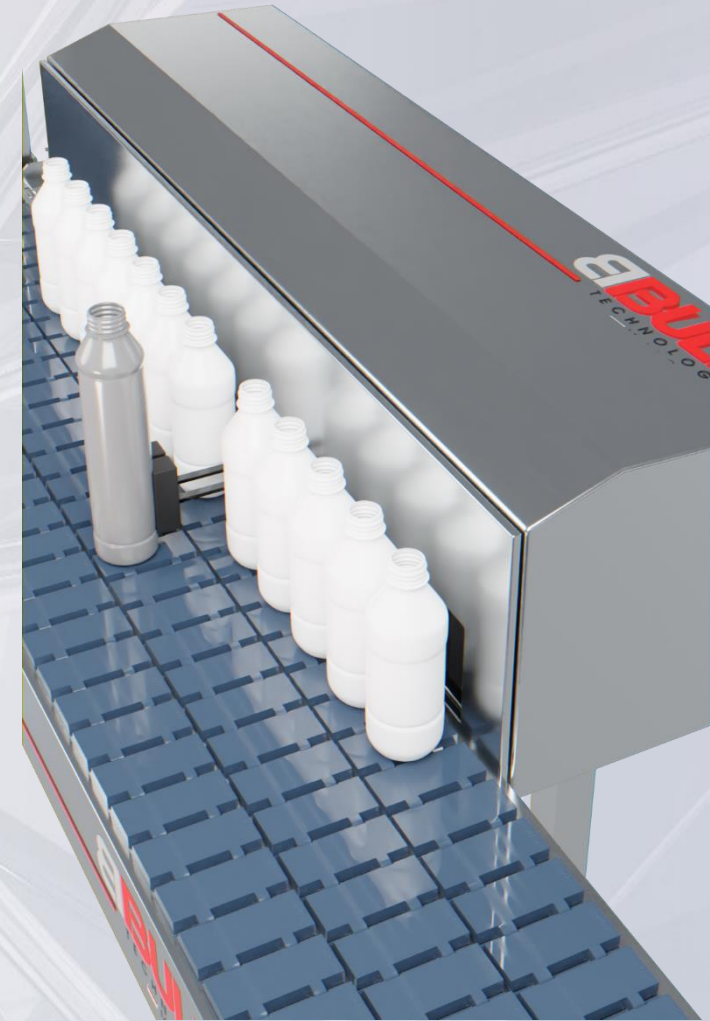
This versatile system is capable of handling different textures, formats, and weights while maintaining low maintenance and operating costs.

With minimal noise development and compatibility with various detection systems, the DMS system is an ideal addition to any production line.

# Features

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- Simultaneous, harmonious displacement for smooth sorting
- Low maintenance and operating costs
- Energy-efficient technology
- Minimal noise development
- Versatility and compatibility with various detection systems
- Dedicated for lightweight containers up to 3.1 kg
- No compressed air required
- Reduced wear through complete stop if not rejecting
- Easy cleaning and maintenance
- Single-person chain change
- Safe rejection, even with small container spacing



# Benefits

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## Guaranteed Diversion and Distribution of Containers

The primary benefit of the BBULL DMS is the guaranteed diversion of containers, ensuring smooth and efficient operation even for lightweight containers.

## Efficient and Flexible Sorting Processes

The BBULL DMS is highly adaptable, capable of handling different textures, formats, and weights of containers. The simultaneous, harmonious displacement ensures a smooth rejection process, improving overall efficiency.

## Low Maintenance Costs

Designed for low maintenance, the BBULL DMS reduces downtime and operating costs. The easily changeable chain can be serviced by a single person, significantly reducing service times.



# Benefits

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## Energy Efficiency

The BBULL DMS uses energy-efficient technology, helping customers save on energy bills and minimize their environmental impact.

## Minimal Noise Development

Designed with limited noise development, the BBULL DMS creates a less disruptive working environment for employees, improving productivity and employee morale while ensuring compliance with noise pollution regulations.

## Versatility and Compatibility

The BBULL DMS is compatible with a wide variety of detection systems and higher-level logistics controls, making it a versatile addition to any business. This compatibility helps customers integrate the system into their existing operations and improve overall efficiency.



# Application

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- Wide range of container formats, especially lightweight PET containers
- Largely independent of heights, contours, and textures
- Suitable for small bottle spacing



# Process

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1. Flagged containers pass through the trigger at the rejection point.
2. If a container needs to be rejected, the rotation of the diversion segment chain begins.
3. The rejection element carrying chain moves in synchronization with the conveyor belt, minimizing additional force on the rejected container.
4. The servo-driven rejection element triggering mechanism unlocks a definable number of segments for each container to be rejected.
5. These individual elements are moved out of by the chain to accompany the rejected container to the target position.
6. After the container is diverted to the target position, the rotation of the diversion segment chain stops automatically.



# Specifications

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## DMS

- Up to **60,000** containers per hour
- Dedicated for lightweight containers up to 3.1 kg
- No compressed air required
- Reduced wear through complete stop if not rejecting
- Easy cleaning and maintenance
- Single-person chain change
- Safe rejection, even with small container spacing





# Warranty & Support

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Our systems come with a comprehensive warranty and dedicated after-sales support services to ensure customer satisfaction and peace of mind.

- Contact us for more information on warranty coverage and available support services.



**STRATEC CONTROL - SYSTEMS GmbH**  
Ankerstraße 73  
75203 Königsbach-Stein  
Telefon (+49) 72 32- 40 06- 0  
Telefax (+49) 72 32- 40 06- 25  
E-Mail: [info@bbull.com](mailto:info@bbull.com)  
[www.bbull.com](http://www.bbull.com)

## Take the Next Step! Request Further Information Today

Contact us to learn more about our system and how it can help your business succeed. Our team of experts is ready to answer any questions and provide you with a personalized solution.

Don't wait, make a call or send an email today and learn about the difference our system can make!

