

SECURFLOW®

# ROBOTIC DOWN BOTTLE REMOVING SYSTEM



*Performance  
through  
Understanding*

 **Sidel**

# ROBOTIC DOWN BOTTLE REMOVING SYSTEM



## SECURFLOW® DETECTS FALLEN BOTTLES AND REMOVES THEM FROM THE CONVEYOR WITHOUT DISRUPTING PRODUCT FLOWS:

### Advantages

- Ideal for unstable, glass/PET bottles and jars that are lightweight or with complex shapes
- Very quick installation on an existing line and short return on investment compared to the cost of completely re-engineering the conveying systems
- Integration into 90% of standard bottling lines on any type of accumulation conveyor
- Major advantage for existing lines as well as high-speed lines with efficiency targets greater than 92%

### Technical Characteristics

- 6-axis polyarticulated robot with a wide working envelope
- Unique tooling for gripping all packaging formats
- User-friendly Human Machine Interface (HMI)
- Automatic format changeovers

- High-performance detection system capable of identifying and removing a fallen bottle in the middle of product flow
- Ideal for lightweight and/or unstable primary packaging
- Very compact and autonomous patent-pending system with Plug & Play installation in bottling lines
- 99.5% efficiency for speeds up to 130 000 bottles/hour with reduction in downtime and improvement of overall equipment and complete line efficiency
- 6-axis poly-articulated robot with customized gripping tooling



Sidel is a leading provider of equipment and services solutions for packaging beverage, food, home and personal care products in PET, can, glass and other materials.

With over 40,000 machines installed in more than 190 countries, we have nearly 170 years of proven experience, with a strong focus on the factory of tomorrow with advanced systems, line engineering and innovation. Our 5,500+ employees worldwide are passionate about providing solutions that fulfil customer needs and boost the **performance** of their lines, products and businesses.

Delivering this level of performance requires that we stay flexible. We continuously ensure we **understand** our customers' changing challenges and commit to meeting their unique performance and sustainability goals. We do this through dialogue and by understanding the needs of their markets, production and value chains. In turn, we apply our solid technical knowledge and smart data analytics to ensure lifetime productivity reaches its full potential.

We call it **Performance through Understanding**.

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