

CERMEX VISION

# INDUSTRIAL SYSTEM ADAPTED TO THE CASE PACKING RANGE



*Performance  
through  
Understanding*



# INDUSTRIAL SYSTEM ADAPTED TO THE CASE PACKING RANGE



## A VISION SOLUTION FOR CASE PACKING APPLICATIONS TO MEET YOUR SPECIFIC REQUIREMENTS:

### Functionnalities

- The vision system ascertains, on-the-fly, the product position and orientation on the conveyor, then transfers its coordinates (x, y and rotation) to the case packing robot
- It also identifies whether the product is right side up and detects appearance defects (dimensions, colour, leakage) as well as the presence and position of markings (expiry date, promotional sticker, etc.)
- Presence of a cap, a leaflet in the case and the correct number of products in the case

### Performance

- Insensitive to light intensity variations
- Tolerant to geometrical distortions (flexible packaging)
- Rapid: < 40 milliseconds for an object and two sides

### Ergonomics

- Programming of controls by training outside production (work on or off line)
- Remote maintenance possible
- Simple and ergonomic user interface

- Speed: 120 products/min
- Robust and reliable
- Easy to adapt to a new product
- Associating robot guiding functions with quality control functions



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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