

## **Application overview**

## CROISSANTS & BRIOCHES

With SENSURE SYNAPSE, it is possible to **measure numerous features** (a wide set is included in the system), such as shape, size, and colour, using **2D technologies** (industrial cameras) and perform a full 3D product profile using **3D technology** (laser profilometer). SENSURE solutions also allow for the inspection of the bottom part of products.

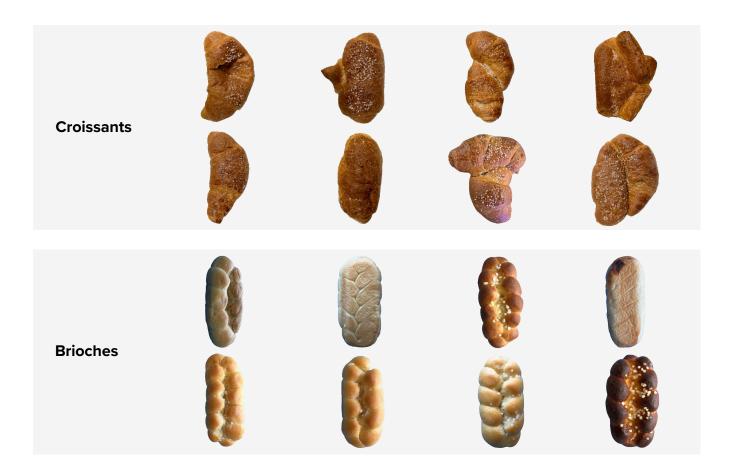
Thanks to the flexibility of the solutions, it is possible to **integrate the vision systems into existing production lines** and to customize rejection mechanisms (traps, lateral air nozzles or pusher, individual/multiple retracable belts, etc.) based on the size and shape of the products and the conformation of the line.

Vision system can be installed with **products on a single** (before flow-wrapping machines) **or multiple rows,** and in **different position of the line** (before/after rolling, before/after proofing, etc.).

Using **SENSURE SYNAPSE** ensures reliable, repeatable, and accurate measurements, even at high line speed, with the added benefit of all data being saved in a SQL database. It is also possible to **automatically adjust the parameters of individual processing stages** based on the analysis of their outputs and product information.



## **Defects detection capabilities**



## Customized single or multiple rejection mechanisms

Choosing the right rejection mechanism (traps, lateral air nozzles, pusher, individual/multiple retractable belts, etc.) is important to ensure non-compliant products are accurately removed from the production line. To determine the most suitable option, it is important to consider several factors, such as: type and dimensions of product, how they are presented into the vision inspection system, line width (multiple or single rows) and speed, space available, etc.





