

SENSURE  
**STAR**GATE  
ML-C

VISION INSPECTION SYSTEM FOR QUALITY CONTROL  
AND AUTOMATIC REJECTION OF NON-COMPLIANT PRODUCTS

quality

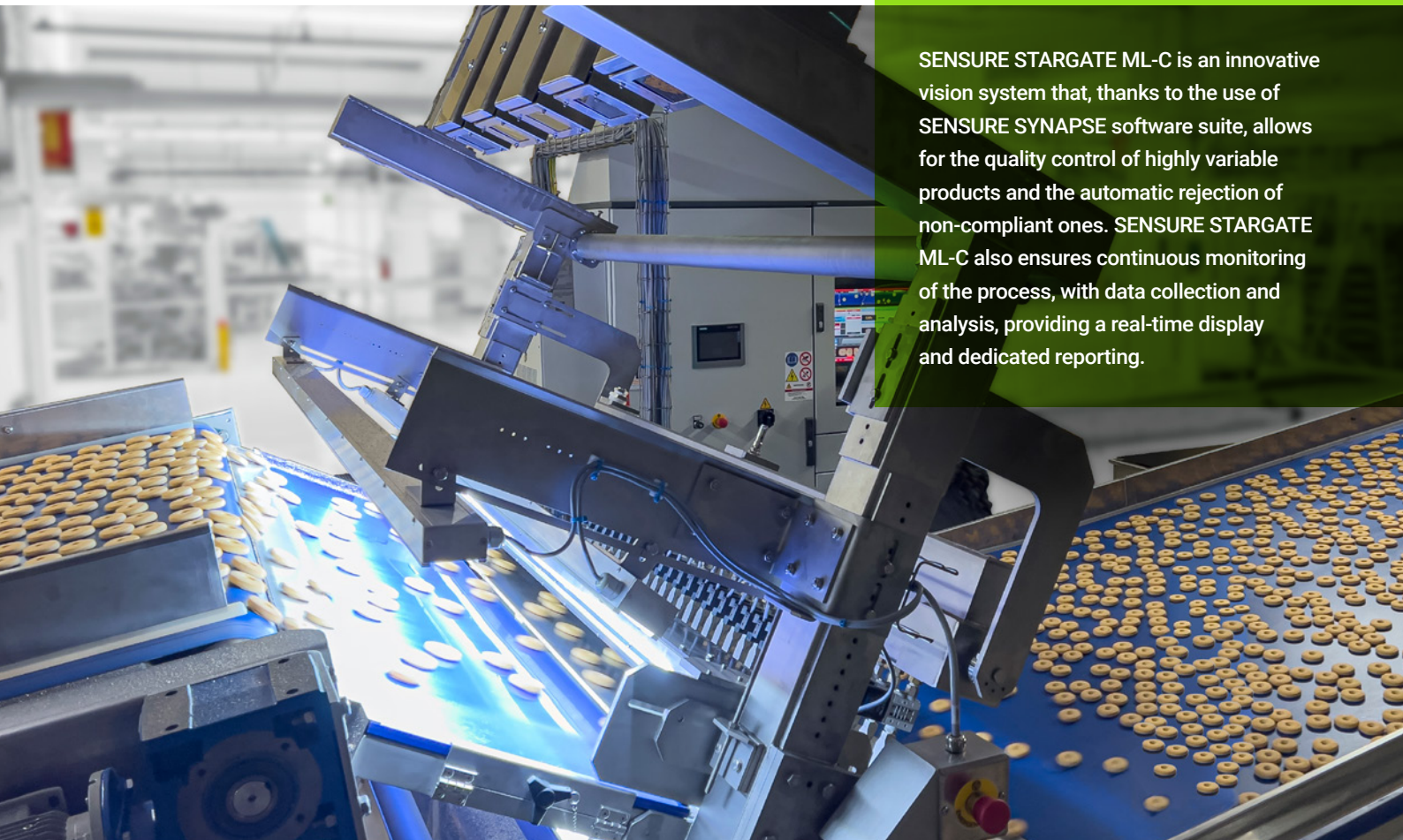


MULTI-LINE AND COMPACT









SENSURE STARGATE ML-C is an innovative vision system that, thanks to the use of SENSURE SYNAPSE software suite, allows for the quality control of highly variable products and the automatic rejection of non-compliant ones. SENSURE STARGATE ML-C also ensures continuous monitoring of the process, with data collection and analysis, providing a real-time display and dedicated reporting.

## SENSURE STARGATE ML-C

# QUALITY **CROSSES** A NEW DIMENSION

### Main features

- **Compact and solid system**  
Full compliance with the requirements of the food industry.
- **Total production control**  
Control at maximum line speed, with accurate, reliable and fast measurements.
- **Multiple measurable quality parameters**  
Ability to perform 2D (top and bottom views) and 3D measurements to detect defects in terms of size, shape, colour, and volume.
- **Single or multiple rejection of non-compliants products**  
Reject single products with air nozzles or agglomerated with traps.
- **Dedicated electrical cabinet with operator interface**  
An intuitive graphic interface that allows for remote connections to the system.
- **Real-time display, data collection and reporting**  
Storage of the entire production data in a SQL database, which can also be integrated into third-party software.
- **Easily integrated in line**  
Possibility of exchanging signals and information with conveyors/machines/systems. Quick installation within existing lines.
- **Safe and ready for Industry 4.0**  
Full compliance with safety standards and with the requirements for Industry 4.0.



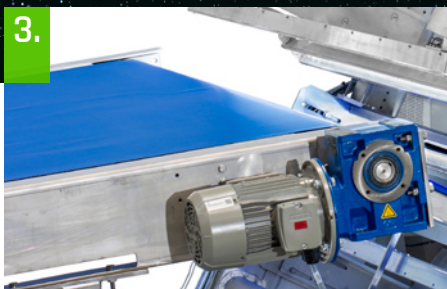
## + Mechanical frame and products handling



1. The **stainless steel structure** is compact and modular, which allows for the integration of different types of controls even at different times due to the modularity of the system.



2. Easily interchangeable **polizene plate for products sliding** (low-friction system compliant with food industry regulations).



3. **Customized conveyors** are available for handling products at the entrance and exit of SENSURE STARGATE ML-C.

## TECHNICAL DATA

### Line width

from 600 mm (24") up to 2.000 mm (80")

### Total width

Line width + 800 mm (32") (without belt hopper)

### Total height

2.800 mm (110") (approx.)

### Total depth

970 mm (40") (approx.)

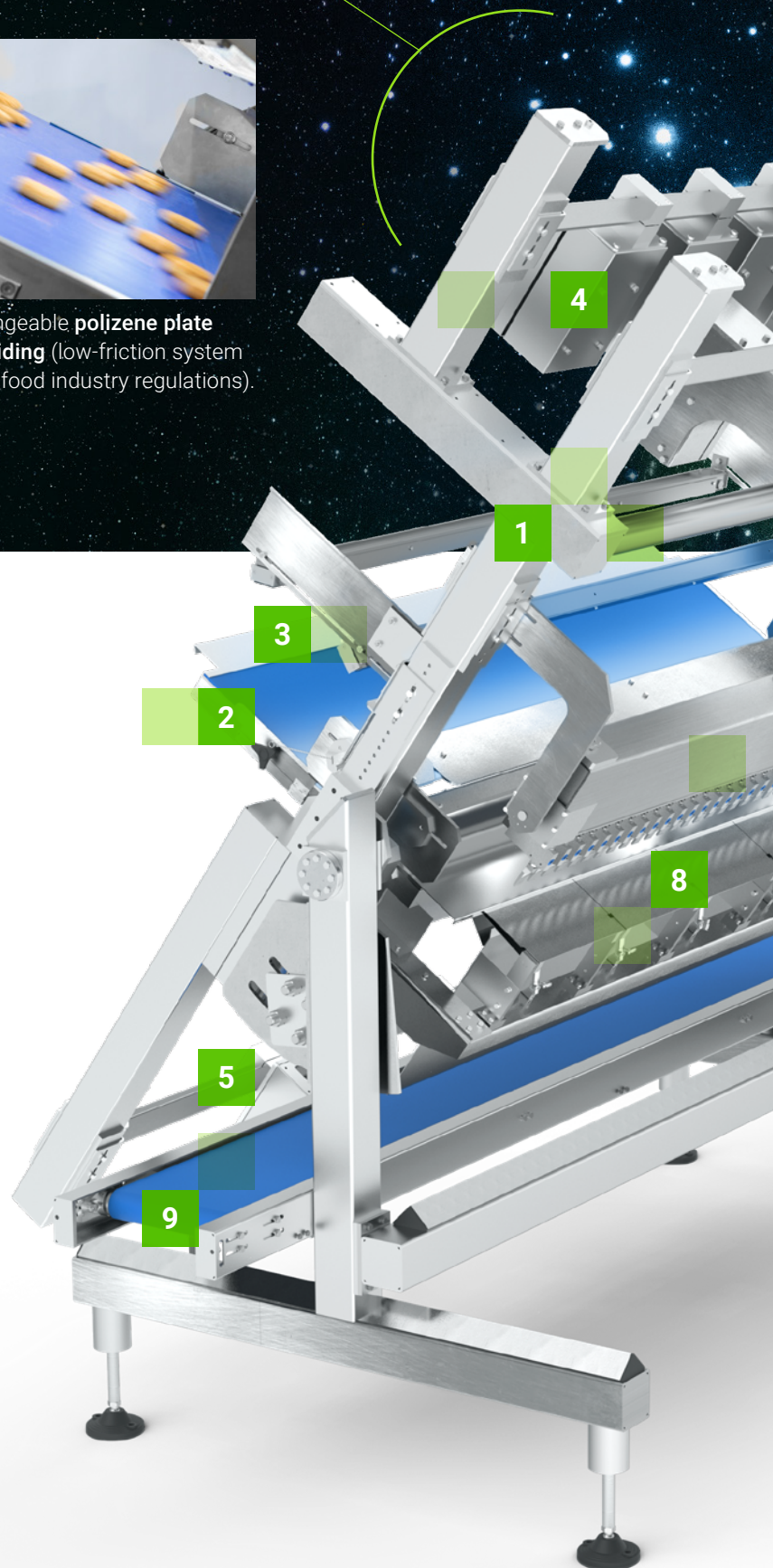
### Height of products at entrance and exit

1.600 mm (65") (approx.) at entrance

1.000 mm (40") (approx.) at exit

### Weight

from 900 kg (2.000 lbs) to 1.600 kg (3.500 lbs) (approx.) depending on line width





## + Vision systems



Vision points for 2D measurements from the top.

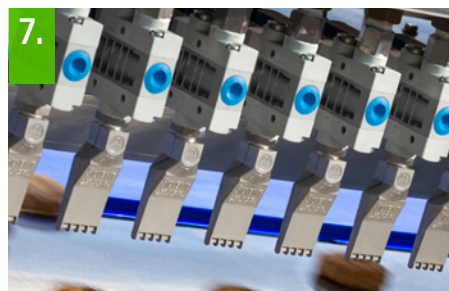


Vision points for 2D measurements from the bottom.

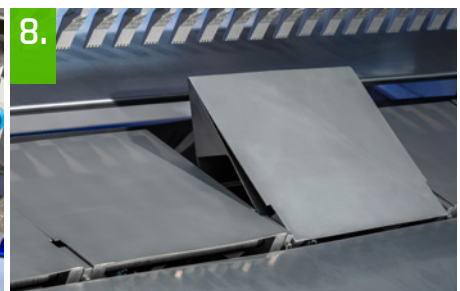


Vision points for 3D measurements.

## + Handling of non-compliant products



Air nozzles for the rejection of the single non-compliant product.



Traps for the rejection of multiple non-compliant products.



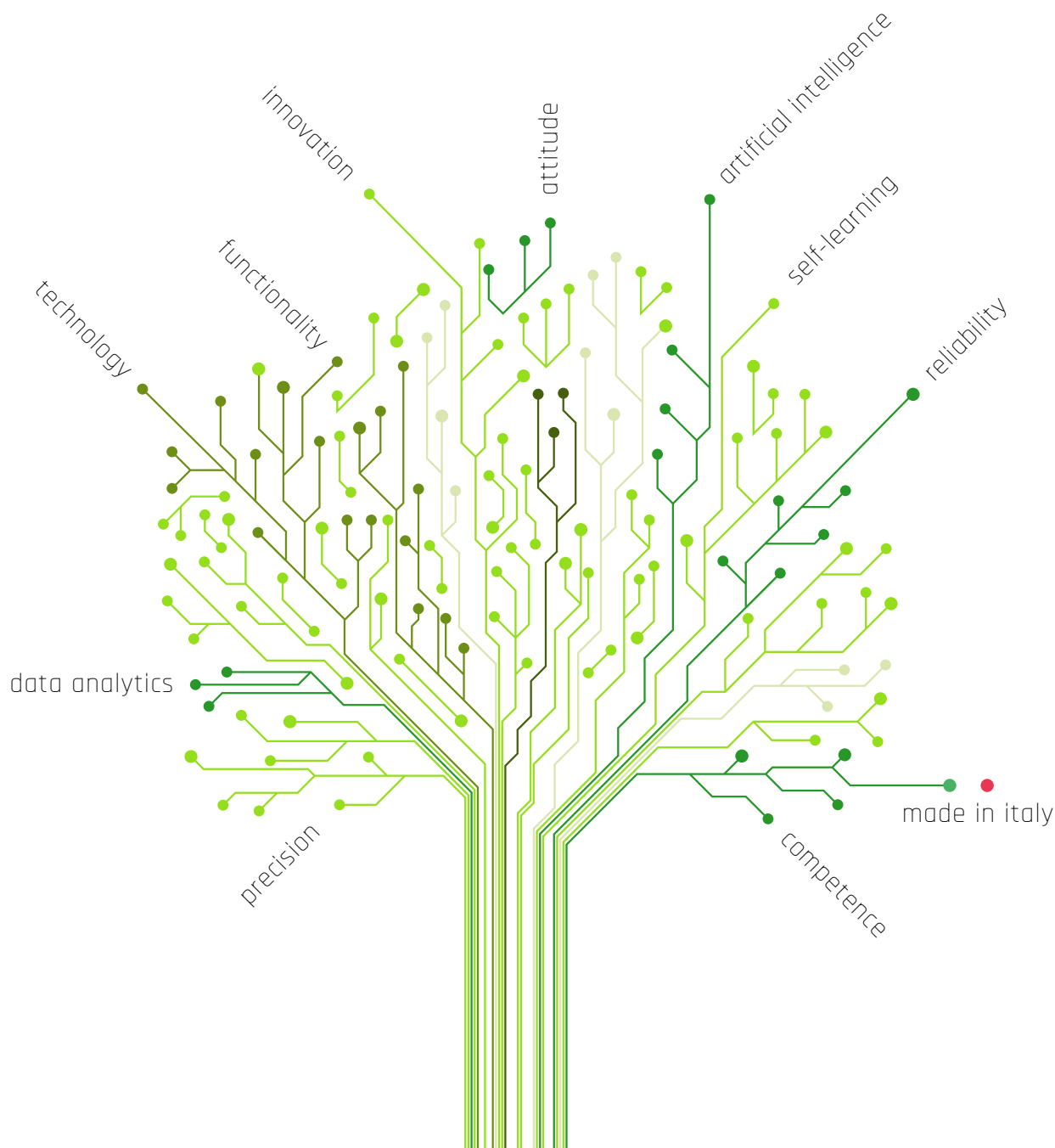
Belt hopper for the handling of the non-compliant products in a dedicated bin.



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 **SENSURE**

# NEVER STOP LEARNING



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