

General features

The main function of our TCS-XICE series is to wrap the product with the flat blank, sealing it on the bottom. Perfect for individual or stacked small-medium sized products such as thermoformed trays, sponges, glasses, etc.

The flat cardboard blanks are carefully picked or released from storage and then positioned above the product; the flaps are then folded around the product and a spot of glue applied to the bottom, thereby completing the process.

Compact layout of the built-in loading belt, partially automated format changes carried out using motorised movements thanks to the touch screen. Cantilever structure, completely accessible for easy and rapid maintenance and cleaning.



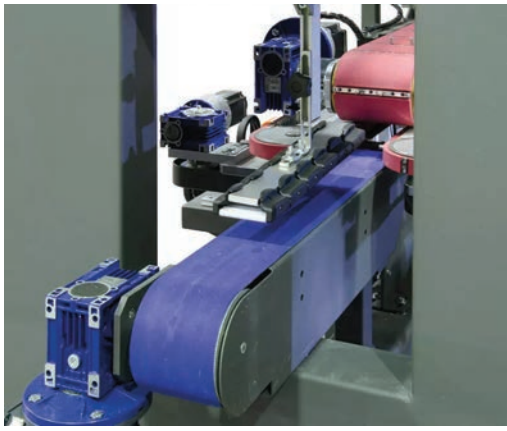
Large blanks storage, standard up to 1500 boxes. Expandable on request.



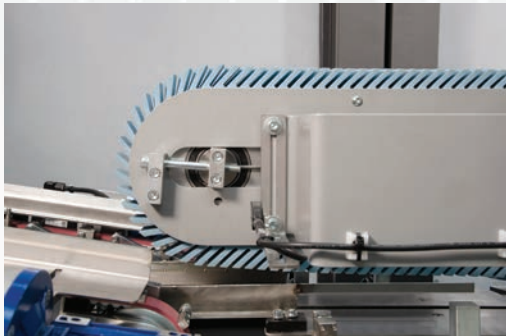
Blanks warehouse with precise release mechanism, precisely synchronised with the arriving product, equipped with a photocell indicating boxes almost finished.



Hot met glue applicator to close the lower flaps by Meler, Nordson or Noxon, on the client's request.



Automated side guides and upper belt in sections to guarantee stability of the product and positioning of the cardboard also at high speed.



Upper belt carton stretch



Hand wheels



SIEMENS or OMRON touch screen, intuitive and user-friendly.



TCS-XICE
SERIES

Automatic **top carton
sleever**



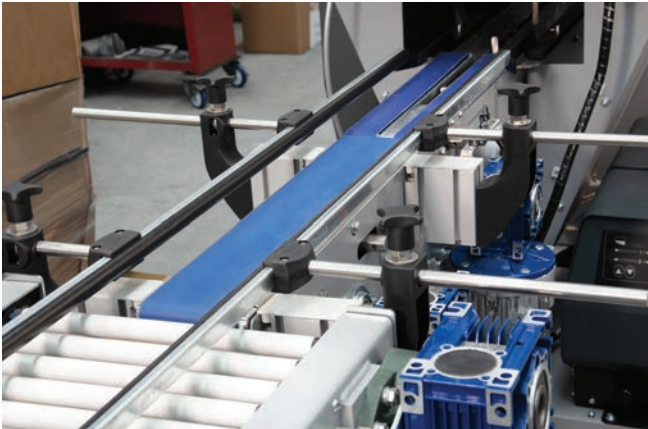
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carton sleeves

General attributes

- ▶ Automatic side guides for precise positioning of cardboard blanks
- ▶ Continuous motion design for efficient cartoning
- ▶ Large storage capacity: Holds up to 1,500 blanks, expandable on request
- ▶ Adjustable infeed belt designed for easy integration with existing lines
- ▶ User-friendly interface with Siemens or Omron touch screen
- ▶ Durable, sanitary cantilever structure for easy cleaning



Infeed belt designed to product measurement, can be connected to previous line



Output station with guide belts adjusted to the width of the box.

Ideal for compact and hygiene operations

The **TCS-XICE Series** is a line of high-speed, fully automated carton sleeves designed to wrap cardboard blanks around single or multipack products. With its cantilever structure for maximum accessibility and performance, the **TCS-XICE Series** is ideal for compact and hygienic operations in the food and beverage sector.

Key features for maximum efficiency

- High speed operation**
Designed for speeds up to 125 packs per minute.
- Automated glue application**
Hot melt glue applicator with options for Meler, Nordson, or Noxon.
- Touch screen control**
Omron NJ rotating touch screen for intuitive operation and quick format changes.
- Large blanks storage**
Holds up to 1,500 blanks, extendable for long production runs.
- Customizable**
Multiple configurations available, including stainless steel for hygienic requirements.

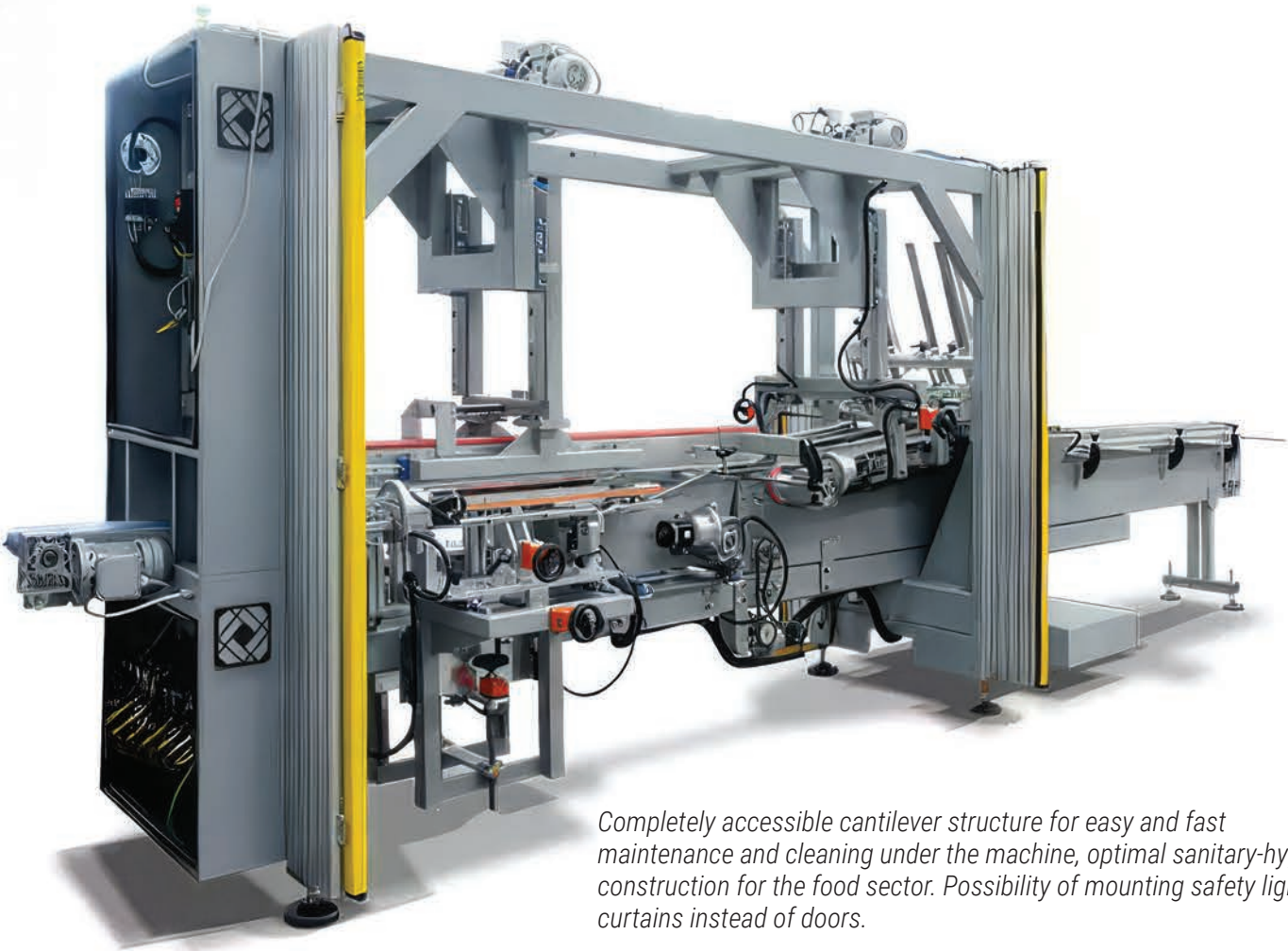
Optional features / configurations

- ⦿ Stainless steel upgrade for washdown environments
- ⦿ Rapid format changes
- ⦿ Multiple hot melt glue applicator brands on request
- ⦿ Safety light curtains for enhanced operator protection

Technical features



Specifications	SLCP-XGEO
Electrical supply	230V 50-60Hz, 3PH
Power	5 kW (12.6 A)
Air requirement	6 bar (87 psi) constant
Dimensions (L x W x H)	3500 x 1200 x 1700 mm 137.8 x 47.2 x 66.9 in
Air requirement	Level 1 : 35 ppm Level 2 : 90 ppm Level 3 : 125 ppm (dependent on production and carton size, as well as carton quality)
Carton dimensions	Width : 60 - 495 mm (2.4 - 19.5 in) Length : 60 - 300 mm (2.4 - 11.8 in) Height : 20 - 130 mm (0.8 - 5.1 in)
Product dimensions	Width : 60 - 380 mm (2.4 - 10.6 in) Length : 40 - 270 mm (1.6 - 10.6 in) Height : 20 - 130 mm (0.8 - 5.1 in)
Closure system	1,500 kg (3,307 lbs)



Completely accessible cantilever structure for easy and fast maintenance and cleaning under the machine, optimal sanitary-hygienic construction for the food sector. Possibility of mounting safety light curtains instead of doors.