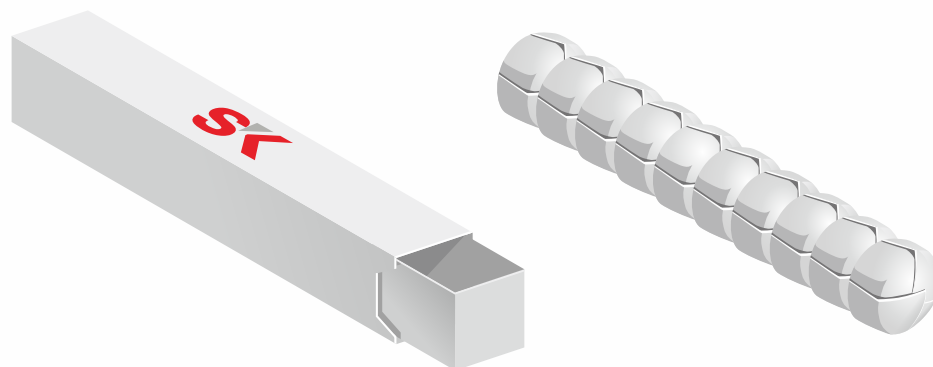


Drawer-Style Cartoning



# BZT1000&HC600

## SIDE-PUSH CARTONING MACHINE

The BZT1000 & HC600 is an integrated packaging system that combines a single-piece folding wrapper with a side-push cartoner. In the workflow, the BZT1000 wrapper automatically collates, wraps, and groups unwrapped candies into rows based on a preset count (e.g., 10 pieces per row). The HC600 cartoner then automatically picks the cardboard blanks, forms the cartons, pushes the product groups into the cartons, and finally seals the flaps.

This system is ideal for a wide range of hard and soft candy shapes, including squares and rounds, such as chewing gum, bubble gum, toffees, and milk candies. It represents a premium choice for medium-to-high-speed, fully automatic candy cartoning lines.

## Special Features

- Integrated intelligent control via a Programmable Logic Controller (PLC) and user-friendly HMI interface
- Automatic carton forming with vacuum suction feeding for both inner and outer carton blanks
- Precise positioning for glue application and packaging, ensuring consistent quality
- Advanced detection systems: stops carton feed without product, auto-stops in case of jams or carton blank shortage, saving materials and ensuring operational safety
- Modular design for easy disassembly, maintenance, and cleaning
- CE Certified compliance
- High-quality core components from international brands, including Nordson hot melt glue system, Schneider ELUA control system, and BECKER vacuum pumps & modules, guaranteeing long-term reliability

## Main Data

### Output

- Max. 60 boxes/minute (10 pieces/box)
- Max. 600 pieces/minute

### Product Measurements

- Diameter (Round Candy): 18–21 mm
- Side Length (Square Candy): 18–21 mm
- Thickness: 9.6–10 mm

### Connected Load

- 42 kw

### Utilities

- Compressed air pressure: 0.2 MPa
- Compressed air supply: 0.6 MPa

### Wrapping Materials

- Aluminum foil-laminated wrapping paper and Pre-cut, creased carton blanks

### Machine Measurements

- Length: 5,200 mm
- Width: 4,800 mm
- Height: 2,480 mm

### Machine Weight

- 5,000 kg

## Combinations

The BZT1000 & HC600 can be easily integrated with upstream and downstream equipment to create a complete, fully automatic packaging line. For instance, it can be connected to Sanke's BFK2000I Flow Packing Machine or BZM500 Fin-Seal Wrapping Machine for outer wrapping, and then linked to an SP30 Tray Erector & Packing Machine. This enables a fully automated process from primary product wrapping to secondary collective packaging.

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