



Lollipop single twist



BZH-N400

FULLY AUTOMATIC LOLLIPOP CUTTING AND PACKAGING MACHINE

The BZH-N400 is a fully automatic lollipop cutting and packaging machine, primarily designed for soft caramel, toffee, chewy, and gum-based candies. During the packaging process, the BZH-N400 first cuts the candy rope, then simultaneously performs one-end twisting and one-end folding packaging on the cut candy pieces, and finally completes the stick insertion. The BZH-N400 utilizes intelligent photoelectric positioning control, inverter-based stepless speed regulation, PLC and HMI for parameter setting

Special Features

- The transmission system uses an inverter for stepless speed regulation of the main motor
- No product no wrapping materials; no product no sticks
- Stops automatically on candy jam or wrapping material jam
- No-stick alarm
- The whole machine adopts PLC control technology and a touch-screen HMI for parameter setting and display, making operation convenient and automation level high
- Equipped with a photoelectric tracking positioning device, enabling precise cutting and packaging of wrapping material to ensure pattern integrity and aesthetic appearance
- Utilizes two paper rolls. The machine is equipped with an automatic splicing mechanism for wrapping material, allowing automatic splicing during operation, reducing roll change time, and improving production efficiency
- Multiple fault alarms and automatic stop functions are set throughout the machine, effectively protecting personnel and equipment safety
- Features such as "no wrapping without candy" and "automatic stop on candy jam" save packaging material and ensure product packaging quality
- Reasonable structural design facilitates cleaning and maintenance

Main Data

Output

- Max. 350 pieces/min

Product Dimensions

- Length: 30 – 50 mm
- Width: 14 – 24 mm
- Thickness: 8 – 14 mm
- Stick Length: 75 – 85 mm
- Stick Diameter: ϕ 3 ~ 4 mm

Connected Load

- 8.5 kW
- Main Motor Power: 4 kW
- Main Motor Speed: 1,440 rpm
- Voltage: 380V, 50Hz
- Power System: Three-phase, four-wire

Utilities

- Compressed Air Consumption: 20 L/min
- Compressed Air Pressure: 0.4 ~ 0.7 MPa

Wrapping Materials

- PP film
- Wax paper
- Aluminum foil
- Cellophane

Wrapping Material Dimensions

- Max. Outer Diameter: 330 mm
- Min. Core Diameter: 76 mm

Machine Measurements

- Length: 2,403 mm
- Width: 1,457 mm
- Height: 1,928 mm

Machine Weight

- Approx. 2,500 kg

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