

Gable Top Carton Filling Machine

This machine is designed for filling and sealing gable top cartons with liquids. It ensures precise filling volumes and consistent sealing for products like juice, milk, and yogurt.



ADDITIONAL IMAGES



Overview

High-Efficiency Gable Top Filling Solution

This automated gable top carton filling machine is designed to streamline the packaging process for various liquid products, including juice, tea, soy milk, and pure water. Featuring an advanced PLC control system, the unit allows for single-operator management, ensuring high productivity with output speeds of up to 2500 cartons per hour. The machine supports flexible filling temperatures and is built to handle multiple carton sizes, making it an ideal choice for medium to large-scale beverage production lines.

Operational Metrics

Key Performance Metrics

2500 cartons/hr
Max Output

1000 ml
Max Fill Volume

25 KW
Total Power

Technical Specifications

Filling Temperature

- Hot filling: 88-92°C
- Cold filling: 2-50°C

Filling Capacity

250ml - 1000ml

Compatible Packaging

Cardboard carton, Aluminium foil carton

Machine Dimensions (L*W*H)

3.7m x 1.6m x 2.8m

Net Weight

3500 kg

Utilities & Installation

Compressed Air Requirements

Parameter	Value
Pressure	1.0-1.4 Mpa
Flow Rate	1.4-2 M3/min

Cooling Water Requirements

Flow volume e 40L/min; Temperature d 30°C

Operational Features

Optional Features

Ultrasonic Capping • Capping Unit

Process Workflow

- Manual carton loading
- Bottom preforming
- Bottom heating and sealing
- Filling
- Top preforming
- Top heating and sealing
- Date printing