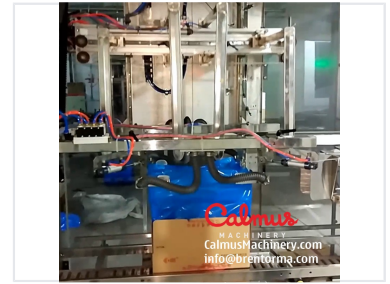
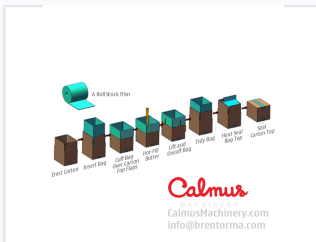


Carton Liner Bag-in-Box Filling Machine

This spoutless bag-in-box line efficiently packages fluids like margarine and butter. It erects and seals the carton bottom, lines the carton with a bag, hot-fills the product, and seals both the bag and carton top.



ADDITIONAL IMAGES



Overview

Automated Spoutless Bag-in-Box Packaging Line

This fully-automatic packaging line is engineered for the efficient handling of semi-liquids such as margarine, butter, and shortening. By utilizing roll stock film to form, insert, and seal liners directly into cartons, the system eliminates the need for pre-made spout fitments. The integrated process includes carton erection, liner insertion, precise weigh filling, bag sealing, and final carton closure, significantly reducing labor costs while maximizing production throughput.

Technical Specifications

Production Capacity

300 boxes/hour

Max Throughput

Applicable Carton Size

L250-550 x W200-400 x H150-400 mm

Applicable Bag Width

840 mm

System Components

Integrated Modules

- Carton erector
- Poly bag inserter (carton lining machine)
- Weigh filling machine
- Bag sealer
- Carton sealer
- Conveyor system

Sealing Options

Tape sealing, Hot melt glue, Heat-sealed bag tops

Operational Features

Packaging Workflow

| Step | Action |
|------|------------------------------------|
| 1 | Carton erection and bottom sealing |
| 2 | Film cutting and bag insertion |
| 3 | Bag cuffing and air extension |
| 4 | Hot-melt product filling |
| 5 | Bag uncuffing and heat sealing |
| 6 | Carton top sealing |