

Monoblock Case Packer for Stand-Up Pouches

This monoblock machine integrates case forming, product loading, and case sealing into one system. An ABB FlexPicker, aided by a vision system, picks and places the pouches.



ADDITIONAL IMAGES



Overview

Automated Monoblock Case Packing Solution

This fully-automatic 3-in-1 monoblock system integrates carton erecting, pouch inserting, and carton sealing into a single compact footprint. Designed for high-efficiency packaging of stand-up pouches, it utilizes an advanced delta robot for precise, high-speed product handling. The system is engineered for ease of installation and operation, featuring automated alerts for consumables to ensure continuous production flow.

Performance Metrics

Capacity (1 Quart Pouch)

450 units

Cartons/Hour

6 count

Pouches per Carton

Capacity (1 Gallon Pouch)

334 units

Cartons/Hour

3 count

Pouches per Carton

Technical Specifications

System Weight	6000 kg
Power Consumption	5 kW
Compressed Air Requirement	0.6-0.8 MPa
Max Tape Roll Diameter	300 mm
System Dimensions	5300 x 2800 x 2800 mm

Features

System Capabilities

- 3-in-1: Erect, Insert, Seal
- Delta robot integration for high-speed picking
- Automated system pause and alert for low consumables
- Compact footprint design
- Simplified installation process