

# General Machine Specifications – AIM Packaging

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## 1. Introduction

AIM Packaging specializes in manufacturing high-quality automatic and semi-automatic packaging machines designed for a variety of industries. Our machines combine reliability, efficiency, and user-friendly controls.

## 2. Machine Overview

Our machines are designed for vertical and horizontal form-fill-seal operations. They support a range of pouch formats and product types. Each model is customizable based on production requirements.

## 3. Key Components

- Stainless Steel Frame (SS304 food-grade contact parts)
- Servo Motors / Pneumatic Actuators
- Touchscreen HMI and PLC
- Photocell Sensors
- Automatic Film Alignment System

## 4. Technical Specifications

- Filling Range: 5g to 2kg
- Speed: Up to 200 PPM
- Sealing System: Pneumatic/servo with temperature control
- Film Compatibility: Laminated film, PET, PE, BOPP
- Power: 220V/380V, 50/60Hz, Single/Three Phase

## 5. Material Compatibility

Compatible with granules, powders, liquids, and solids like snacks, pulses, detergent, seeds, sauces, and oils.

## 6. Pouch Formats Supported

- Pillow
- 3-Side Seal

- 4-Side Seal
- Gusset
- Zipper
- Stand-up Pouch
- Custom Shaped Pouches

## **7. Optional Add-ons**

- Nitrogen flushing
- Batch cutting
- Euro hole punch
- Tear notch
- Date coder
- Label applicator

## **8. Certifications & Compliance**

All machines comply with CE marking and can be customized to meet GMP, FDA, and ISO standards.

## **9. Customization Options**

Machine dimensions, feeding systems, printing mechanisms, and discharge options can be customized to match customer needs.

## **10. Contact Information**

For technical specifications of a specific model, customization queries, or pricing:

AIM Packaging

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