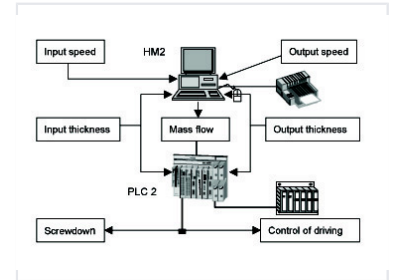


Automated Packaging System

This automated system streamlines packaging processes through integrated control. Input from sensors is processed by a PLC, which manages screwdown and driving units to regulate packaging.



System Overview

Automated Packaging Control

This automated packaging system is designed for high-precision process control and monitoring. It integrates advanced sensor technology with a centralized Human Machine Interface (HMI) and Programmable Logic Controller (PLC) architecture to ensure consistent output quality. By continuously measuring mass flow and thickness, the system dynamically adjusts screwdown and driving mechanisms to maintain operational efficiency.

System Type

Automated • PLC-Controlled • Integrated

System Components

Control Architecture

- Human Machine Interface (HMI)
- Programmable Logic Controller (PLC)
- Driving control unit

Integrated Sensors

Input Speed Sensor, Output Speed Sensor, Input Thickness Sensor, Output Thickness Sensor, Mass Flow Measurement

Operational Features

Mechanical Control Units

- Screwdown mechanism
- Driving control unit

Reporting

Yes