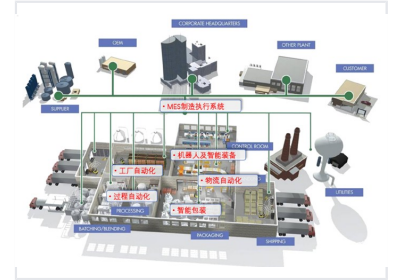


Automated Production Line Solution

This system automates manufacturing processes from raw material supply to final delivery. It incorporates automated batching, robotic assembly, automated packaging, and logistics, managed by a central Manufacturing Execution System (MES).



Overview

Comprehensive Automation Integration

This automated production line solution provides a holistic manufacturing framework, integrating every stage from raw material intake to final customer delivery. By leveraging advanced process automation, the system ensures seamless coordination between batching, blending, robotic assembly, and packaging. Centralized control is maintained through a robust Manufacturing Execution System (MES), ensuring efficiency across the entire supply chain.

System Capabilities

Core Automation Modules

- Process Automation
- Factory Automation
- Logistics Automation
- Automated Batching & Blending
- Robotic Assembly & Intelligent Equipment
- Automated Packaging

Integration Features

MES Integration, Centralized Control Room, Utility Management, Supply Chain Connectivity

Operational Workflow

Production Workflow

| Stage | Function |
|------------|--|
| Input | Raw material supply and batching |
| Processing | Blending and robotic assembly |
| Output | Intelligent packaging and logistics/shipping |