

# Automatic Brick Loading and Unloading System

The automatic brick loading and unloading system automates the handling of bricks in manufacturing and construction environments. It reduces manual labor and increases productivity through precise brick placement.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Brick Handling Solution

The Automatic Brick Loading & Unloading System is a critical component for manufacturing high-grade wall materials, including normal, facing, and insulating bricks. This sophisticated system automates the entire workflow from cutting and pallet loading to rack handling and final setting, significantly reducing manual labor. Designed for high throughput and continuous operation, it ensures maximum productivity and precision in industrial brick production lines.

## Performance Metrics

### Key Performance Indicators

**20000 brick/h**  
Max Capacity

**0.75 Mpa**  
Max Pressure

## Technical Specifications

### Model Performance Table

Type	Production Capacity (brick/h)	Pressure (Mpa)
SXM01	12000	0.5-0.75
SXM02	20000	0.5-0.75

## System Capabilities

### Integrated Processes

- Precision Cutting
- Pallet Loading
- Conveying
- Rack Loading and Unloading
- Dried Brick Grouping
- Final Setting

## Application

### Suitable Wall Materials

Normal Wall Materials, Facing Bricks, Insulating Bricks

## Design & Control

### System Features

- Programmable Logic Controller (PLC) for seamless operation
- Advanced sensors and control algorithms
- Precision-engineered robotic arms
- Multi-tiered rack structure for high-density storage
- Robust mechanical structure for industrial conditions
- Modular design for easy production line integration

## Safety & Reliability

### Operational Safety

Yes