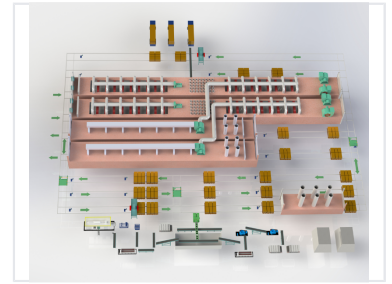


Automated Clay Brick Manufacturing Plant

This is a turnkey project for a fully automated clay brick manufacturing plant, offering a complete production solution. It includes design, civil construction, machinery installation, debugging, trial running, and after-sales service.



ADDITIONAL IMAGES



System Overview

Comprehensive Brick Manufacturing Solution

This automated clay brick manufacturing plant provides a turnkey industrial solution designed for high-volume, efficient production. Utilizing advanced automation from raw material handling through to final packaging, the plant ensures consistent quality and optimized material flow. The system is engineered for energy efficiency, featuring integrated heat recycling and intelligent kiln control for sustainable and precise brick fabrication.

Automation Level

Full Automation • One Time Palletizing • Robotic Handling

Thermal & Energy System

Thermal Energy Strategy

- 80% energy from coal mixed during preparation
- Final fuelling via ports and automatic feeders
- Combustion air pre-heated in cooling zone
- Heat recycling from cooling zone to tunnel dryer

Firing Technology

Tunnel Kiln with pulverized coal and outer automatic coal feeding

Core Processing Machinery

Key Process Stages

Stage	Function
Preparation	Clay mixing and conditioning
Forming	Pug mill extrusion and precision cutting
Drying	Moisture removal in tunnel dryer
Firing	Thermal curing in tunnel kiln