

Double Stage Vacuum Brick Production Extruder

The double stage vacuum brick extruder is engineered for producing high-quality bricks efficiently. It utilizes a two-stage process and vacuum technology to ensure thorough clay mixing and air removal, resulting in durable and dense bricks.



ADDITIONAL IMAGES



Overview

High-Pressure Vacuum Extrusion Technology

The Double Stage Vacuum Brick Extruder is a robust solution designed for the continuous production of high-density solid and hollow bricks. By utilizing a two-stage process and integrated vacuum technology, it effectively removes air pockets to ensure superior structural integrity and strength in the finished product. This machine is engineered for versatility, supporting stiff, half-stiff, and soft extrusion methods to meet diverse manufacturing requirements.

Key Performance Metrics

Performance Highlights

2 Stage

Extrusion Stages

Technical Features

Extrusion Versatility

Stiff Extrusion • Half-Stiff Extrusion • Soft Extrusion

Control System

Pneumatic clutch for automatic control and protection

Reducer Specification

Fully hardened reducer for extended service life

Material Compatibility

Supported Raw Materials

Clay, Shale, Coal Gangue, Fly Ash, River Sludge

Product Applications

Produced Brick Types

- Solid Bricks
- Hollow Bricks
- Perforated Bricks
- High-pressure Columns

Customization

Customizable Parts

- Collar dimensions
- Extruding die shapes
- Extrusion speed

Operational Benefits

Vacuum System Advantages

- Effective de-airing of clay mixture
- Minimization of structural defects
- Enhanced brick density
- Improved moisture removal