

Multilayer Automatic Block Making Machine

This multilayer automatic block making machine is designed for the efficient production of concrete blocks and pavers. It features advanced automation for high output and consistent quality, suitable for manufacturing paving stones, hollow blocks, and solid blocks.



ADDITIONAL IMAGES



Overview

High-Efficiency Multilayer Production

This advanced automatic block-making machine offers the widest range of production possibilities for concrete blocks and pavers on the market. Engineered for versatility, it functions as both a universal unit and a specialized solution for non-standard products, including cable ducts, manholes, and landscaping elements up to 1,000 mm in height. Its multilayer production capability significantly boosts efficiency by allowing multiple layers of products to be cured and packaged together, minimizing intermediate transport and maximizing output.

Technical Capabilities

Compatible Products	Pavers with face mix, Hollow blocks, Insulating blocks, Concrete cable ducts, Manholes, Landscaping elements
Maximum Product Height	1000 mm

Operation & Control

Operational Highlights

- Self-explanatory menu-driven interface
- Saved production parameters for different mould types
- Digital path measuring via linear encoder (optional)
- Touchscreen control for mobile production

Control Interface	Menu-driven Touch Panel with Siemens SPS integration
--------------------------	--

Hydraulic & Mechanical Systems

Hydraulic Features

- Proportional valve activation
- Controlled descending speed during demoulding
- Hydraulic motor-driven mobile production
- Hydraulic cleaning blade for surface finish

Feeding System Components

- Hopper
- Guide rail
- Feeding box with mixing shafts
- Lifting device
- Adjustable mould brush

Movement Synchronization

Chain and lever shaft synchronization for mould and tamper head

Mobility

Mobile Production Capabilities

- High-hardness wheels
- Hydraulic motor drive
- Front-wheel braking system with accurate positioning