

Automatic Batch Foam Machine for Soft Foam Production

This automatic batch foaming machine is designed for producing soft foam with densities ranging from 8 to 50kg/m³. Its touch screen control system manages multiple chemical raw materials and allows users to save over ten different production formulas.



Overview

High-Efficiency Automatic Batch Foaming

The KX-121 is a versatile automatic batch foaming machine designed for the production of soft foam with densities ranging from 8 to 50kg/m³. Controlled by an advanced PLC touch screen system, it allows operators to store and manage over ten different production formulas for consistent quality. This equipment is ideal for manufacturing sponge materials used extensively in the furniture, bedding, and automotive industries.

Performance Metrics

Key Performance Indicators

96 Blocks

Daily Output (Blocks/8hrs)

480 m³

Daily Volume Capacity

50 kg/m³

Max Foam Density

Technical Specifications

Mixing Tank Capacity	180L ~ 250L
Mixing Speed	2800 ^ 4200rpm/min
Total Motor Power	30 KW
Machine Net Weight	6 Ton

Control & Automation

Control System

PLC Touch Screen • Auto Loading • Auto Feeding

Formula Storage Capacity	Over 10 Groups
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Storage & Tank System

Chemical Tank Inventory

Material Tank	Capacity/Quantity
PPG Tank	3 Ton * 1 Set
POP Tank	3 Ton * 1 Set
TDI Tank	2 Ton * 1 Set
MC Tank	1 Ton * 1 Set
Silicone / Amine / T-9 Tanks	50L * 1 Set each
Water Tank	100L * 1 Set

Auxiliary Systems

Integrated Systems

- Cooling & Heating System (7.5KW)
- Oil Hydraulic System
- Air Filtering System
- Water Tower & Pump System
- Euro Standard Air Valves

Installation Requirements

Required Floor Space

L10m * W10m * H6m

Applications

Target Industries

Bedding, Furniture, Automotive, Upholstery