

Disposable Underpad Production Machine

This high-speed machine automatically produces disposable underpads with 3 or 5 layers. It integrates material feeding, layering, sealing, cutting, and stacking.



Overview

High-Performance Underpad Production

This fully automatic, servo-driven machine is engineered for the high-speed production of 3-layer and 5-layer disposable underpads. It features advanced capabilities including continuous and discontinuous fluff core forming, ensuring versatility for medical and hygiene applications. With a robust design and integrated sound-proofing, it offers a reliable, efficient solution for large-scale manufacturing requirements.

Performance Metrics

Design Speed	300 m/min
Stable Running Speed	250 m/min (for both 3 and 5 layer configurations)
Qualified Rate	98 %
Production Efficiency	85 %

Technical Specifications

Installation Capacity	346 KW (including glue machine)
Power Supply	380V / 50Hz (Three phases, four wires)
Minimum Air Pressure	0.6 mpa

Physical Dimensions

Machine Size (L x W x H)	26 x 8 x 5 m
Required Working Space	29 x 10 x 6 m
Total Machine Weight	70 tons

Product Capabilities

Product Size Range

- Width: 450-600mm
- Length: 450-1500mm (adjustable)

Core Forming Capabilities	3-layer (discontinuous), 5-layer (continuous)
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Configuration

Key Components

Component	Quantity
Mitsubishi Servo Motors	40 sets
Auto Web Guider	6 sets
Raw Material Unwinding/Splicing Units	6 sets
Davit Arm (200kg)	2 sets