

Automated N-Fold Hand Towel Production Machine

This machine automates the production of N-folded hand towels, ensuring consistent quality and high output. It integrates roll unwinding, tension control, folding, cutting, and stacking into a seamless process.



Overview

High-Efficiency N-Fold Production

This automated N-fold hand towel machine is engineered for high-speed, precise production of N-type folded towels. Utilizing advanced vacuum suction, automatic counting, and piling systems, it ensures consistent output and reliable performance. The machine supports optional laminating units for gluing and folding, enhancing the volume, hydroscopicity, and softness of the finished product.

Technical Specifications

Production Speed

180 m/min

Max Speed

Raw Material Requirements

Parameter	Specification
Max Diameter	1200 mm
Core Diameter	76.2 mm (3 inch)

Finished Product Size	230(L) x 225(W) ± 2 mm (Customizable)
Lanes Configuration	2-5 Lanes (Configurable)
Folding Mechanism	Vacuum suction N-fold
Embossing Type	Steel to Steel, Pneumatic Pressure, Cross Embossing, In-phase Embossing

System Requirements

Power Requirements	7.5 - 11 KW, 380V 50Hz
Vacuum System	32 KW
Pneumatic System Pressure	0.8 MPa

Machine Dimensions

Overall Dimensions	7000 x (1730-2450) x 1850 mm
Weight	2-6 Tons (Depends on configuration)

Features

Advanced Features

- Automatic counting and piling
- PLC control with LCD operation panel
- Frequency conversion speed regulator
- Automatic lubrication for key parts
- Optional laminating unit for gluing
- Complete closed machine structure