

Automatic Paper Tube Edge Curling Machine

This machine automatically curls the edges of paper tubes with precision and consistency. It features a five-station dial plate controlled by a PLC and stepping motor for accurate indexing and supports inside curling, outside curling, and edge expanding.



Overview

High-Efficiency Paper Tube Edge Curling

The automatic paper tube edge curling machine is designed for precision and high-volume production in packaging facilities. It features a fully automated feeding and discharging system combined with a CNC stepping control for consistent, high-quality edge finishes. This robust solution supports a wide range of paper tube dimensions, ensuring versatility and reliable operation for industrial packaging needs.

Operational Performance

Production Efficiency

38 pcs/min

Max Production Rate

0.5 mm

Curling Precision

Automation Capabilities

Automatic Feeding, Automatic Discharging, CNC Stepping Positioning

Technical Specifications

Compatible Tube Dimensions

| Parameter | Range |
|----------------|--------------|
| Diameter | 30 - 160 mm |
| Length | 70 - 420 mm |
| Wall Thickness | 0.8 - 2.5 mm |

Power & Utility

- Rated Power: 2.8 kw
- Voltage: 380V (Three-phase)
- Air Pressure: 0.5 Mpa

Physical Dimensions & Weight

650 kg

Weight