

Cigarette Tipping Paper Laser Perforating Machine

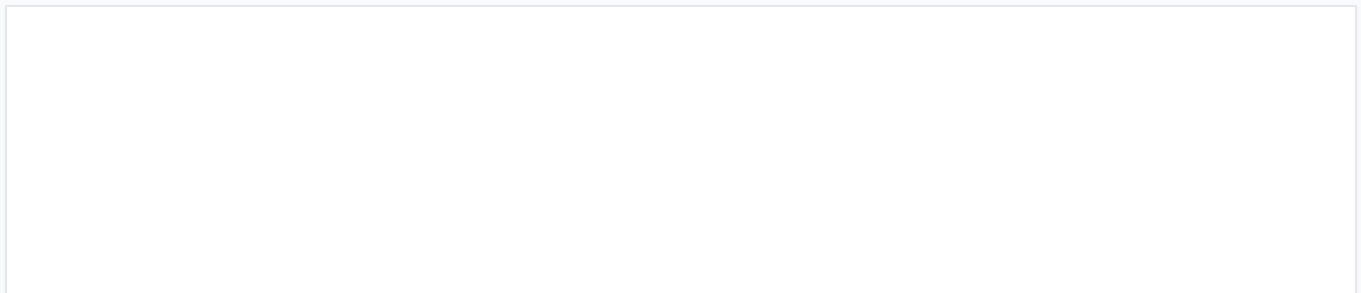
This laser perforating machine is designed for cigarette tipping paper. It creates micro-perforations in the paper to improve filter ventilation and reduce tar content.



ADDITIONAL IMAGES



Overview



High-precision micro-perforations created by the laser system to enhance ventilation and reduce tar.

Advanced Laser Perforation for Cigarette Tipping Paper

This high-performance laser perforating machine is specifically designed to create micro-holes in cigarette tipping paper, a critical process for reducing tar content through physical air penetration. The system integrates a laser generator, optical splitting, and a sophisticated control system to ensure high-speed, efficient production. By utilizing non-contact laser technology, it provides a reliable and easily testable method for enhancing filter tip ventilation and meeting international health standards.

Key Performance Metrics

Performance Highlights

1920 thousand/min

Max Perforating Speed

400 W

Laser Power

5 %

Permeability Instability

Technical Specifications

Control & Automation

- PLC closed-loop control type
- Biaxial linkage form feeding control
- Independent and simple indicator setting
- German-engineered servo system controller

Perforation Parameters

Parameter	Value
Permeability Range	100-2000cu
Maximum Perforating Density	4pcs/mm
Spectrophotometric Method	Polygon prism

System Components

Optional Accessories

Zero Meter Mechanism

Core Components

Laser Generator, Optical Splitting System, Control System, Form Feeding System, Water-Chilling Unit