

# Cigarette Tipping Paper Laser Perforating Machine

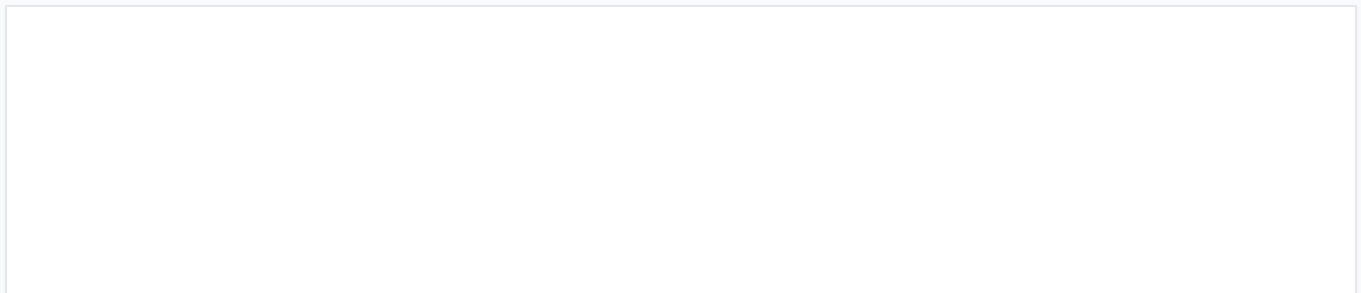
This laser perforating machine is designed for cigarette tipping paper. It creates micro-perforations in the paper to improve filter ventilation and reduce tar content.



## 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