

Automatic Filter Element Assembly Line

Internal Product ID: ENFT-OFM-081



Brand	ENFT
Model Number	ENFT-FAL-3500
Place of Origin	China
Certification	Manufactured Under Strict Quality Control
Min. Order Qty	1 Set
Price	27,950.00
Supply Ability	100 Sets/Month
Packaging	Standard Export Packaging
Delivery Time	45 Days After Receipt of Advance Payment
Payment Terms	100% T/T in Advance

Overview

Fully automatic filter element assembly line designed for high-speed assembly of filter elements with precise positioning, servo control, and intelligent PLC automation.

Description

Item	Specification
Machine Type	Automatic Filter Element Assembly Line
Product Diameter	60–85 mm
Product Height	40–150 mm
Production Capacity	>=35 pcs/min
Power Supply	220V / 50Hz
Total Power	6 kW
Working Air Pressure	>=0.6 MPa
Machine Dimensions	3500 × 1500 × 1800 mm

Main Configuration

- Servo-driven rotary indexing table
- Automatic loading system
- Automatic positioning system
- Automatic upper end cap feeding
- Automatic lower end cap feeding
- Automatic pressing system
- Automatic unloading conveyor
- PLC control system
- Industrial touch screen
- Servo motors
- Pneumatic cylinders
- Precision positioning sensors

Production Process

- Automatic filter element loading.
- Filter

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positioning.

- Rotary table indexing.
- Upper end cap feeding.
- Lower end cap feeding.
- Automatic pressing.
- Glue curing under pressure.
- Automatic product unloading.

Features

- Fully automatic production.
- Dual-station assembly.
- Servo precision positioning.
- High production efficiency.
- Stable assembly quality.
- Intelligent PLC control.
- Fast product changeover.
- Reduced labor costs.
- Reliable industrial operation.
- Suitable for continuous production.