



**Design,
Supply & Support**

One Stop Solution to your Filters Production

PLM FILTER SOLUTION

**PLM FILTER
SOLUTION GROUP**



SOMETHING WE CAN DO



Process & Machine Solution

- Process Guidance
- Production Machine
- Multiple Choice of Machine Configuration

Material Solution

- *Division of High/Middle/Normal grade, Multi-level Raw Material*
- *More Cost-effective Options*

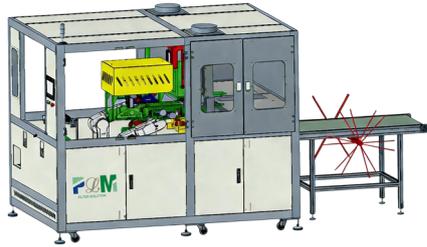
Technical Support

- Production cost and profit calculation
- Extendable upgradable production line and reasonable layout
- Worker training
- Machine installation, maintenance and guidance
- Technological improvement, optimized production flow
- Machine & mold customization
- Professional team after-sales support

Reco.

PLM-TB-4S

Automobile Air Conditioning Filter Paste Four-Side Production Line

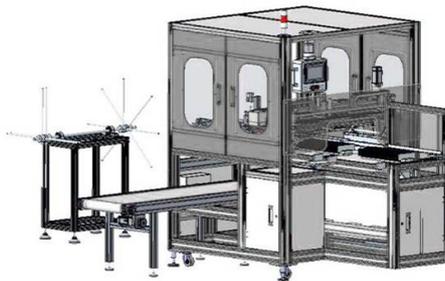


- **Applicable Product Size:** L 150–400 mm × W 150–300 mm × H 10–60 mm
- **Adhesive Coating Width:** 10–60 mm
- **Coating Type:** Double / Four-sided
- **Efficiency:** Double-sided: 12–15 s / piece Four-sided: 19–23 s / piece
- **Molds:** 2 sets
- **Power Supply:** 220 V / 10 kW
- **Air Pressure:** 0.6–0.8 MPa
- **Machine Size:** 3920 × 1792 × 2065 mm
- **robotic arms, all parameters are adjustable**

Reco.

PLM-TB-2

New Air Conditioning Filter Bilateral Edge Equipment



- **Product Ranges:** Length: 150 – 400 mm
Width: 150 – 300 mm Height: 10 – 80 mm
- **Scraping width:** 10 – 60 mm
- **Voltage:** 220 V
- **Air Pressure:** 0.6 – 0.8 MPa
- **Power:** 20 kW
- **Efficiency:** 8 – 15 s/unit
- **Molds Quantity:** 2 molds
- **Equipment dimension (L × W × H):** 2000 × 1900 × 1800 mm

PL-AUTO55-700M

Automatic Knife Folding Machine



Recycled Carbon



- **Paper feeding speed:** Adjustable from 0.5m/min to 12m/min
- **Folding types:** N-type, M-type, W-type, irregular shapes
- **Maximum filter paper passing width:** 700mm
- **Minimum filter paper cutting width:** 15mm
- **Total motor power:** 4.5kw
 - **Main motor:** Servo motor 2kw
 - **Folding knife drive motor:** Servo motor 2kw
 - **Heating plate lifting motor:** Stepper motor 500W
- **Air source pressure:** 0.6MPa
- **Power supply voltage:** 380V/50Hz
- **Folding height range:** 8mm—60mm
- **Maximum foldable width:** 700mm
- **Folding speed:** Infinitely adjustable from 0 folds/min to 240 folds/min
- **Heating power:** 4KW
- **Temperature control range:** Room temperature—300 °C
- **Machine weight approx.:** 860kg
- **Machine size:** Pre-sliter (With 5 knives) 1270mm×1180mm×1026mm
pleater 1450mm×1480mm×1917mm

PLCZ55-600-II

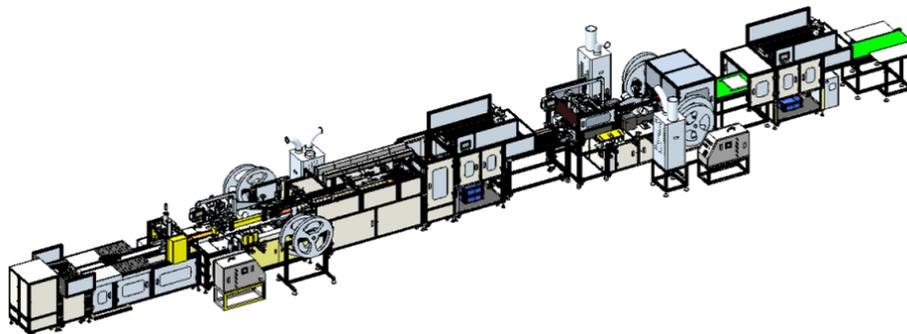
Full-Auto Knife Paper Pleating Machine



- Pleating Speed: 0–110 pleats/min
- Max. Paper Width: 600 mm
- Adjustable Pleating Height: 8–55 mm
- Heating Power: 4 kW
- Operating Temperature: Up to 200 °C
- Working Air Pressure: 0.6 MPa
- Power Supply: 380 V / 50 Hz
- Motor Power: 1.1 kW
- Machine Weight: 650 kg
- Machine Size (L × W × H): 1470 × 1720 × 1240 mm

PLM-TB-4

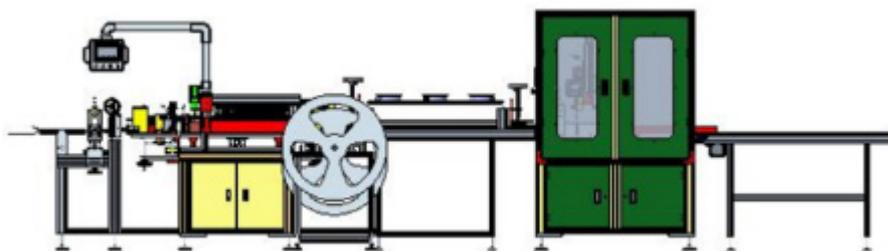
Automobile Air Conditioning Filter Paste Four-Side Production Line



- Product Ranges: length: 150–400 mm; width: 150–350 mm
- Scraping width: 8–50 mm
- Voltage: 220 V / 380 V
- Air Pressure: 0.6 MPa
- Power: 30 kW
- Weight: 1200 KG
- Action time of a single group of equipment: ≤7s
- Equipment footprint size: (L × W × H): 19,000 × 3000 × 2000 mm
- Number of equipment operators: mold feeding (manual filter element discharge) ≥1
- Number of circulating molds: ≥18
- The equipment replacement time should be 0.5 hours
- Loading, correction and welt mechanism are equipped with vacuum cleaner dust removal device.

PLM-ZD-1

Automatic Cabin Filter Element Production Line



- Applicable Product Size (L × W × H): MAX: 600 × 350 × 50 mm, MIN: 150 × 130 × 15 mm
- Efficiency: 200 pcs/h (Take 350 × 350 × 30 mm as an example)
- Equipment reference size (L × W × H): 10000 × 2200 × 2000 mm

PLM-JQ-1

Air Conditioning Filter Edge Trimming Machine



- **Product Name:** PLM-JQ-1
- **Product Ranges:** length: 85-360 mm width: Min.82.5 mm Height: 10-39 mm
- **Voltage:** 220 V
- **Air Pressure:** 0.6-0.8 MPa
- **Power:** 12 kW
- **Efficiency:** 20 s/unit
- **Equipment Dimension (L × W × H):** 6000 × 1900 × 1800 mm

PLLG-1

Semi-Auto Cabin Air Filter Gluing Machine



- **Product Name:** PLLG 1
- **Production Capacity:** 5 pcs/min
- **Hot Melt Capacity:** 10 kg
- **Machine Power:** 0.12 KW
- **Hot Melt Heating Power:** 6 kW
- **Working Air Pressure:** 0.6 MPa
- **Power Supply:** 380/50/Hz
- **M/C Weight:** 250 kg
- **Main Machine Size (L × W × H):** 3000 × 620 × 1030 mm
- **Hot Melt Applicator Size (L × W × H):** 830 × 600 × 1400 mm

PLM-TB-JQ

New type of air conditioner filter four-side sealing equipment





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One Stop Solution to your Filters Production

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