

PLM-HPM-40

Trapezoidal Bag Filter Glue Injection Machine *HDAF Horizontal Gluing Machine*



Features

- Automatic feeding for top and bottom covers with glue application and conveying.
- Adjustable mold design fits various filter sizes without frequent changes.
- Integrated forming for upper and lower covers ensures stability and uniform bonding.
- Hot pressing and air-cooling maintain shape consistency and strong adhesion.
- Full PLC synchronization enables real-time station control.
- Compact layout saves floor space and boosts efficiency.
- User-friendly interface for easy operation and maintenance.

Applications

- Trapezoidal bag filter glue injection: Ensures precise adhesive application and reliable sealing for trapezoidal bag filters used in industrial dust and air filtration.

Specification

- Product Name: PLM-HPM-40
- Raw Material Viscosity (25 °C):
Polyol ≤ 1500 mPa·s, Isocyanate ≤ 500 mPa·s
- Injection Pressure: 10–20 MPa (adjustable)
- Injection Accuracy: $\pm 1\%$
- Injection Flow Rate (1:1): 150–450 g/s
- Mixing Ratio Range: 1:5–5:1 (adjustable)
- Injection Time: 0.50–99.99 s (0.01 s accuracy)
- Temperature Control Accuracy: ± 2 °C
- Hydraulic System Flow/Pressure: 22 L/min, 10–20 MPa
- Material Tank Capacity: 2 $\times$ 250 L (Operating Pressure 0.4 MPa)
- Air Requirement: 0.7 MPa, 1000 NL/min, dry and oil-free
- Temperature Control Heating: 4 $\times$ 3 kW, Cooling: 17 kW
- Power Supply: 3 $\times$ 380 V / 50 Hz $\pm 10\%$; Control: 220 V / 24 V
- Total Power: Approx. 37 kW
- Machine Dimensions (L $\times$ W $\times$ H): 3100 $\times$ 1800 $\times$ 2500 mm

