

PLHP-1300A

Glass Fiber Pleating Machine Without Partition



Features

- Wide-width, efficient processing. Supports material widths up to 1250 mm, accommodating a wide range of sizes.
- Flexible pleating height. Adjustable pleating heights from 22 mm to 120 mm, with custom sizes available.
- High-speed production. Capable of completing 100–180 pleats per minute, enhancing production efficiency.
- Precision gluing system. Features up to 50 glue lines arranged in double rows with 25.4 mm spacing, supporting intermittent glue application and accurate counting.

Applications

- HEPA filter paper pleating: Ensures uniform pleat spacing and stable structure, maximizing filtration area and efficiency for high-performance air filters.

Specification

- Product Name: PLHP-1300A
- Processing Width: 1250 mm widest
- Paper Folding Height: 22–120 mm (producible within the range, for other sizes, customization is allowed)
- Production Speed: 100–180 fold/production speed per min
- Quantity of Glue lines: 50 lines – 2 rows, interval at 25.4 mm
- Glue Line Switch Control: Solenoid valve one-to-one control, glue spraying function has intermittent and fold counting function
- Capacity of Glue Smelting Machine: 70 L (Brand: domestic brand or Phalbok)
- Quantity of Cutting Knife: 6 pieces
- Material Feeding Means: Pneumatic auxiliary feeding
- Unwinding Tension Control: Automatic
- Glue Spraying Cooling: 4 sets of fans in total
- Air Cooling Equipment: 4 sets of air cooler
- Safety Protection: Mechanical operation and dangerous places are equipped with alarm and emergency stop device
- Voltage: 380 V
- Power: 35 kW
- Dimension (L × W × H): 7500 × 2500 × 1800 mm
- Gas Consumption: 0.3 m³/min
- Weight: 1600 kg

