



Hebei Leiman Filter Material Co., Ltd.

One Stop Solution Designer to Filter Production

PLCZ55-1050-II

Full-Auto Knife Paper Pleating Machine



- Auto paper de-coiler
- Pre-slitting conveyor
- Marker
- Auto counter
- Filter paper pleating machine (equipped with pre-heater and monitor)

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|----------------------|---|
| Product Name | 55-1050-II Pre-Slitting Conveyor |
| Speed | 0.5–12 m/min (adjustable) |
| Min. Paper Width | 32 mm |
| Max. Paper Width | 1100 mm |
| Motor Power | 0.75 kW |
| Working Air Pressure | 0.6 MPa |
| Power Supply | 220/50 V/Hz |
| M/C Weight | 350 kg |
| M/C Size (L × W × H) | 1500 × 1300 × 1100 mm |

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|-----------------------------|--------------------------|
| Product Name | 55-1050-II Marker |
| Max. Marking Width | 1050 mm |
| Adjustable Marking Distance | 8–55 mm |
| Power Supply | 380/50 V/Hz |
| Motor Power | 1.1 kW |
| M/C Size (L × W × H) | 1550 × 750 × 1100 mm |

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|----------------------------|------------------------------------|
| Product Name | 55-1050-II Pleating Machine |
| Pleating Speed | 0–110 pleats/min |
| Max. Paper Width | 1050 mm |
| Adjustable Pleating Height | 8–55 mm |
| Power Supply | 380/50 V/Hz |
| Motor Power | 5 kW |
| Heating Power | 7.5 kW |
| Operating Temperature | Up to 200 °C |
| Working Air Pressure | 0.6 MPa |
| M/C Weight | 650 kg |
| M/C Size (L × W × H) | 1670 × 1720 × 1240 mm |



The pre-slitting machine can accurately and freely adjust the cutting dimensions through frequency converter speed regulation and cylinder blades in different filter sizes. It is simple operated but smooth and effective. After slitting the paper the conveyor for feeding the filter paper runs in synchronism with the marking machine by equipping the monitoring system.



The marking machine can mark in different pleat sizes, the marking distance can be set freely by the computer screen, and accurately marking distance will be appeared with the step motor loading.



The pleater uses upper and lower blades to alternately finish the folding, and then different pleating heights are acquired evenly and accurately by automatically adjusting the blades distance.



After marking, the filter paper will be pleated and pre-heated.



The machine is also suitable for folding the iron wire fabric and non-woven fabric of the hydraulic filter, even the multilayer folding.

Applications

The production line is applied to auto tri-filter industry, hydraulic pressure, purification and water treatment industries, etc.

