

PLRP-2

Meltblown Cartridge Production Equipment



Features

- The equipment adopts PLC+touch screen integrated intelligent control, key parameters such as temperature, pressure, speed can be monitored and adjusted in real time.
- Remote diagnosis and upgrading system is optional, which is convenient for after-sale maintenance and technical support.
- The die head is precision processed by imported die steel, with uniform spraying holes to ensure the consistency of fiber distribution.
- The heating of the mold head is controlled by zones, with high temperature stability, not easy to be blocked and burnt.
- Adopting special L/D ratio design screw, good plasticizing effect, uniform melt viscosity, stable fiber formation.
- Made of high wear-resistant and corrosion-resistant materials, suitable for long-term continuous work, reducing the frequency of replacement.
- Equipped with high-performance frequency conversion centrifugal fan, with adjustable wind pressure and stable output.
- The hot air system adopts stainless steel heating module, with fast heating and accurate temperature control to ensure the molding quality of meltblown fiber.
- Automatic deskewing technology ensures the concentricity of cartridge structure and improves product consistency.
- Supports multi-layer gradient structure control (loose outside and tight inside) filter layer is automatically generated to enhance the dirt holding capacity and life.

Specification

- Product Name: PLRP-2
- Production Speed: 1500 pcs. / 8 hours
- M/C Size (L × W × H): 7000 × 10000 × 3000 mm
- M/C Weight: 3000 kg
- Fan Power: 15 kW
- Heating Oven Power: 19 kW
- Host Power (Motor And Heating Group): 24 kW
- Power Of Automatic Feeding Machine: 0.2 kW/set
- Total Power: 60 kW

Applications

This production line is suitable for the water filters.

