



## *6 Lanes 4 Side Seal Powder Packaging Machine ZD-F1200E*



Multi lane Sachets Packing Machine can be divided into 4 lanes, 6 lanes, 8 lanes and 10 lanes according to the capacity of customers. According to the material type, it can be divided into granule, powder and liquid packaging machines. Usually suitable for 3-side sealing, 4-side sealing and back sealing bags. Need to be equipped with different Weighing Machine and conveying systems.

6 Lanes 4 side seal powder packaging machine is equipped with Auger Screw Conveyor or Powder Vacuum Feeder. Automatically measuring volume, making bags, filling, sealing, cutting, printing the lot number and cutting easy tearing notches, making continuous sachet, finished product conveying.

### **Features:**

1. It adopts full servo motor drive, vertical sealing and horizontal sealing, and flat cutter. PLC control, stepless speed regulation, and touch screen operation make the machine run smoothly, benchmarking accurately, low noise, simple and convenient operation.
2. Longitudinal sealing, horizontal sealing, re-horizontal sealing and continuous batch numbering. Each station of the cutter is driven by a separate servo motor, which makes the machine more automatic and easier to operate and maintain.
3. Multi-stage controllable heating is used to make the temperature of the entire heat-sealing roller uniform, so as to ensure more stable heat-sealing performance.
4. The automatic correction device for the left and right sides of the film is used to make the pattern of the packaging bag more accurate.
5. The horizontal seal adopts two seals, the first is a non-patterned heat-sealing roller, the second is a patterned heat-sealing, and the batch number steel is finished at the same time. Other manufacturers use a horizontal seal with a pattern heat seal, and then a separate steel printing

roller. The two horizontal seals have good sealing properties and the bag shape is beautiful, and the batch number is clearly printed and the characters are not easy to punch through.

6. The heating roller is thick, reaching an outer diameter of 100mm, and other manufacturers are 80mm.

7. Large-diameter heat-sealing roller makes the heat-sealing roller more rigid and more uniform in surface temperature.

8. The printing batch number font is easy to install and replace, only a piece of magnet is needed to fix it without screws, and the font replacement is very simple and quick.

9. The pellet feeding device adopts the repeated push-pull method, and other manufacturers adopt the long-strip adjustment method, which is easy to change when disassembling and washing. When adjusting the dosage, if the bolts are loose, the installed amount will change. We use a whole, so that each volume regulator can be adjusted individually. (Feeders can be customized for customer materials).

10. The heating conductive ring adopts the rotating movable slip ring to be safer and easy to maintain, which solves the problem of friction and ignition using carbon brushes and safety.

11. Roll film can use three-layer composite aluminum foil PET+AL+PE or PET+PE two-layer composite film.

12. The benchmarking adopts American Bonner, which is more accurate, and the automatic correction system ensures the alignment of the double-sided printing patterns of the packaging bag.

### **Application:**

Powder Sachet Filling Machine is suitable for the packaging of non-flowing powder materials, such as: milk powder, soy milk powder, starch, veterinary medicine, pesticide powder, facial mask powder, enzyme preparation, glucose, seasoning, spicy powder, flavor and fragrance, coffee powder, seasoning powder, etc. So this machine can also be designed as coffee powder packing machine and Seasoning Packing Machine.

### **Technical Parameters:**

<b>Model</b>	<b>ZD-F1200E</b>
Bag length range	50~120mm
Bag width	60~105mm
Packing material	Powder
Packing speed	180~240times/nim (depend on bag length and material)
Packing weight	25gram
Sachet size	Width 93 mm* Length 120 mm 6 Lanes
Packing materials	PET/AL/PE PET/PE NY/AL/PE NY/PE
Roll film with	1200mm
Maximum outer diameter	350mm
Inner diameter of packing material core	75mm
Power	220V 60Hz
Power	16kw
Weight	1500kg
Dimension	2600x1800x2700