

Sachet Packaging Machine

SP-101 Powder/Granule

Feature Highlights

- Fully automatic vertical 4 side sealing machine
- Continuous motion
- 4 to 12 lane configurations
- PLC control with touch screen operation
- Choose from all servo motors or electro-mechanical drives
- Multi-lane 1) volumetric, 2) rotor, or 3) servo auger fillers



Uses include:

Coffee, powders, granular, sugar, salt, pepper, drink mixes, protein powder, tea, seeds, powdered/granulated medicine and more

Standard features

- Single or twin web roll
- Rugged painted steel frame
- Product level sensor in the hopper
- Straight/Zigzag cut
- Film horizontal/vertical sealing rollers and slitter
- Forming guides and collars set to customer's specification
- Sensor controlled film tracking
- Quick film splice table
- Various seal patterns and shapes
- Film tension controller
- Cartridge type heater
- Waste film chopper
- Discharge chute
- Product discharge conveyor



Control

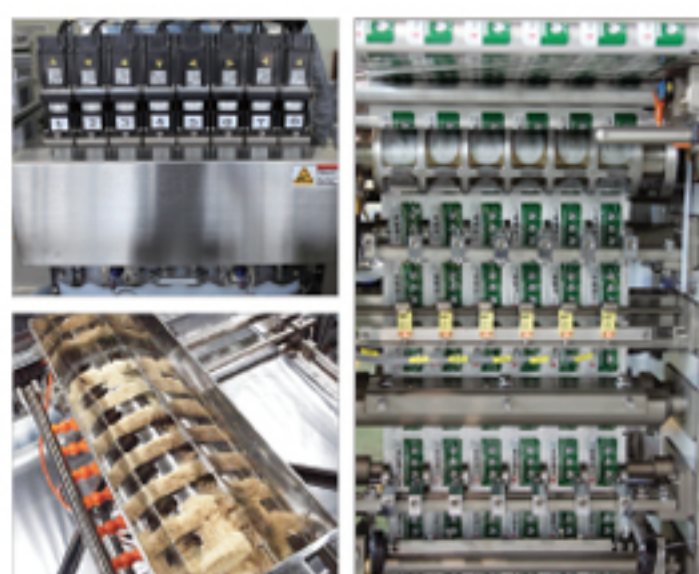
- Omron controls or to customer's specifications (option)
- Touch screen - All operating parameters, filler controls, batch production set up, product count and more
- Variable speed control
- Proportional-Integral-Derivative (PID) temperature control
- Eye-mark detection
- Optional all servo drives - Controls include film feeding speed, side/end sealing rollers, notch roller, end cutter speed, bag length adjustment

Safety

- Fully interlocked safety cover
- Main motor overload protector
- Automatically stops when doors open, running out of film or film cut and empty hopper.

Optional features

- All servo drives
- Stainless steel package
- Dust suction nozzle
- Static eliminator
- Gas flush
- Film edge trimming (round edge) and suction
- Embossing in the longitudinal/latitudinal seal
- Multi-lane hot stamp or inkjet printer
- Single or multiple perforated sachets
- Automatic film motion compensation sensor with servo driven film shaft
- Easy open features like tear notch or perforation
- Powder loader



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1. Servo controlled auger filler
2. Rotor feeding system for high speed operation
3. Sealing, slitting, coding and empty pack detection with rejection

Specifications

| Model | SP-101-400 | SP-101-500 |
|------------------------------------|----------------------------|----------------------------|
| Max. speed per minute (idle cycle) | Up to 80 cycles (per lane) | Up to 80 cycles (per lane) |
| Lane configuration | 4-10 lanes | 4-12 lanes |
| Max. bag size (W x L) | 100 mm x 160 mm | 100 mm x 160 mm |
| Min. bag size (W x L) | 40 mm x 40 mm | 40 mm x 40 mm |
| Max. web width (single) | 800 mm | 1000 mm |
| Electrical requirements | 220-430V, 3-phase, 50/60Hz | |
| Compressed air | 10 L/min @ 6 bar | |

• Customized designs are available to customer's specification. • Designs and specifications are subject to change without notice.
 • Bag lengths of non-servo models are not adjustable. • Max/min fill volume is 50/0.5 gram and may require additional nozzles.

