



STS-01-LQ Automatic Bag Forming Filling Packaging Machine



APPLICABLE PRODUCTS:

- Designed for automatic bag forming filling and packaging for various liquid and paste bags (Small package) and handy bags.
- Range of filling and metering : 1-50cc.

FEATURES:

- The STS-01-LQ automatic bag forming filling metering packaging machine is suitable for packaging all types of liquid and paste.
- The machine is designed with a gusset type sealing mechanism, ensuring smooth appearance of product without pin-hole problem. No material exists at sealing position that assures superior tightness of sealing.
- Printing points photocell sensor is easy to adjust to eliminate waste of packaging film. Simply input packaging length in case of no printing points photocell sensor.
- Minimum sealing temperature variation. Employ PID calculation to maintain temperature tolerance within $\pm 2^{\circ}\text{C}$.
- According to different kinds of products and filling weights, memory modules can be input several sets for convenient management.
- The transmission system is driven by a servo motor (Mitsubishi from Japan) for high accuracy.
- Filling system employs a mono-screw pump.
- Spindle material: manufactured from SILICONE.
- Pump body material: All surface that contact with material and manufactured from stainless steel.
- Heat-resistant temperature: 130°C .
- External connector allows for easy dismantling for washing without need of tool.

- The control system employs a touch-sensing screen for operational convenience.
- All air cylinders employ Japan (SMC) standards for dependable quality.
- The controller provides a self-diagnostic function. In case any machine trouble occurs, such as no packaging film, no color tape, photocell sensor error, excessive or under sealing temperature or air pressure failure etc, the machine will stop automatically. The screen will display problem points and trouble-shooting instructions.
- The machine is available to perform perforating packaging function (Two or three packages perforating).

Specifications:

| Model | STS-01-LQ |
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| Machine Size | L: 900 × W: 850 × H: 1700 mm |
| Machine Weight | 300kg |
| Range of Packaging Film Sizes (Product Sizes) | W: 50~120 mm |
| | L: 40~150 mm |
| Packaging Speed | 45-60 bags/min (Vary with different products, and filling weight.) |
| Packaging Method | 3-side sealing,4-side sealing,3-side back sealing. |
| Power Required | 220V, 3Ø, 7.5HP, 50/60Hz |
| Air Pressure | 6-8 kg/cm2 |