



STS-01, STS-01-L Automatic Bag Forming Filling Metering Packaging Machine (Small Package)



APPLICABLE PRODUCTS:

- Designed for automatic bag forming filling and packaging for various powder bags (small package) and handy bags.
- Range of filling and metering : 1-50g.

FEATURES:

- The STS-01 automatic bag forming filling metering packaging machine is suitable for all types of free-flow and non free-flow powder and granular products.
- 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 point's photocell sensor is easy to adjust to eliminate waste of packaging film. Simply input packaging length in case of no printing point's 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.
- 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 equip with a nitrogen gas filling device, that allows the oxygen existing in product to be controlled within under 2%.
- The machine is available to perform perforating packaging function (Two or three packages perforating).

Specifications:

Model	STS - 0 1	STS - 0 1 - L
Machine Size	L:900mm x W:850mm	L:1050mm x W:950mm
	x H:1900mm	x H:2100mm
Machine Weight	300 kg	350 kg
Range of Packaging Film Size (Product Sizes)	L: 40 - 120mm	L: 120 - 165mm
	W: 40 - 80mm	W: 80 - 125mm
Packaging Speed	45 - 60 bags/min (Vary with 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 - 8kg/cm ²	