



## **Automatic Preformed Bag Fill & Seal machine KSE-ABFS2.0L**



**Still packing your product with heavy reliance on manpower?**

**Try our Automatic Preformed Bag Fill & Seal machine today.**

Automatically picks and place the bag, fill, seal and lastly dispense the finished bag.

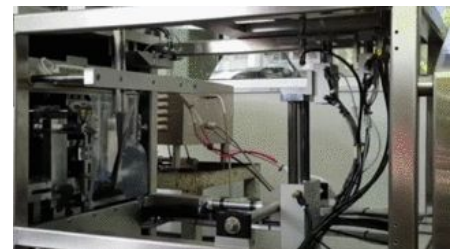
All with just 1 person to operate.

### **Description**

The machine mimics the way human pick and opens a bag by using a series of pick and place system. If the preformed bags are loaded wrongly, i.e the non-seal side of the bags are facing wrongly, the machine is able to detect and reject accordingly.

Using servo powered filling, products can be filled with both speed and accuracy. Both filling volume and speed can be adjusted and stored in the system memory for future use.

### **How it works**



The machine is designed to be small and compact considering the space constraints in Singapore. Machines with similar capabilities often command larger footprint, making it hard for businesses to use them.

**Features**



**Pick & Place**

Using vacuum suction cups, we are able to accurately retrieve the bags from the dispenser, open it at the non-sealed side in preparation for the filling stage.

This action is smooth and precise.

**Finished product area**

In the picture, we are using a collection tray to collect the finished products.

Alternatively, client can opt to have a conveyor belt installed to deliver the finished products to a cooling bath to prepare for storage later.



**We are able to cater to**

- No. of filling heads
- Different bag volume size

**Suitable for**

- Low to high viscosity liquid, paste, gel, oil or cream



**Technical Specifications**

Suitable bag sizes	Width: 180mm to 240mm Length: 200mm to 360mm
Filling volume	1 to 3 liters
Filling temperature	5 to 105°C
Filling speed	Adjustable
Filling accuracy	1-3% depending on product
Cycle speed	1 liter: 6 to 7 bags/min 2 liters: 4 to 5 bags/min 3 liters: 2 to 3 bags/min
Bag dispenser	500 preformed bags
Operation	Electricity and Compressed Air
Operating power	Single phase, 230V, 50Hz
Compressed air	6 to 7 bars supply constant
Air consumption	40 to 50 liters/min
Material for machine	Stainless Steel 304 & 316
Weight	250kg (approximately)
Dimension (L x W x H)	1800mm x 550mm x 1600mm