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## IMCK-S400 4 Side Seal High Speed Granular Packaging Machine



### **Short Description**

This machine is able to accommodate various sizes and requirements in the envelope pack format. (3 or 4 side seal)

### **DESCRIPTION**

#### **Applications**

This machine is able to accommodate various sizes and requirements in the envelope pack format. (3 or 4 side seal)

This machine can be equipped with various filling systems to allow for many types of raw materials.

The filling operation is achieved using either volumetric cup discharge system in the case of powders or a high accuracy volumetric pump in the case of liquids or pastes. For powders we use an augur screw system designed exactly for the powder requiring filling. The operation of the machine is controlled via a computerized operator touch screen interface. All the machine parameters are set through this interface. Bag length can be automatically controlled via a film registration eye. Precise bag length and registered cutting is assured.

The machine has an electronic speed controller and incorporates 4 sets of servo drive's to

control all aspects of the functions of this machine. The machine is manufactured from a combination of materials that are suited to the operation design i.e. Aluminium, stainless steel and engineering plastics.

Sealed bearings are incorporated in the jaw assembly and no lubrication is required.

## **Advantages**

- Film frame has screw mechanism for film tracking setting.
- The film load is low to the ground for easy loading.
- Film drive motor incorporated to remove film breakage even on weak films
- Operator panel on swivel arm to allow for best positioning by the operator
- Two sets of blades for multiple perforate and cut possibility
- Machine speed adjusted by touch screen
- Operator interface reports all aspects of the machine operation including faults
- Volumetric discharge cups are adjustable for volume
- Product feed system swings out of the way to allow for easy cleaning
- Main electrical panel is mounted to open allowing for easy access by maintenance
- Cut off blades are guarded for operator safety
- Filling mechanism can be disengaged for setup
- Very low noise level during operation.
- No mechanical gears or chains used in the machine
- Tear off facility can be adjusted to any point on the sachet
- Entire front of the machine is guarded
- No compressed air required during operation
- Elements are connected via slip-rings to the roller mechanisms
- Vertical sealing rollers can be adjusted for width of sachets
- Spill tray under filling system to stop product contaminating machine

## **Features**

High speed sachet machine using the very latest in Servo Drive technology, The design of this machine lends itself to very low maintenance and requires no lubrication resulting in a clean and perfect sachet every time. The electronic clutching system allows for numerous setup configurations without the need lift a spanner. Changeovers are fast and accurate, no gears, no chains, no noise.

This machine is equal if not better than the best the world has to offer and if your need is

a hassle free machine that does no brake down or require lots of maintenance then this is your machine. Touch screen operator input and self alarming and reporting functions lets the machine tell you what you need to know. Highly versatile and user friendly. Build quality is of the best using only the latest engineering materials ideally suited to a machine of this standard. Colour coded parts quickly tell you what parts are hot and what parts form part of the changeover system, no guessing just simplicity at its best.

### Main Technical Parameters

FILL RANGE	OUTPUT BAGS/MIN	BAG SIZE (MM)	POWER	WEIGHT (KG)	DIMENSION (MM)
30-80g	35-130	L:80-110 W:20-85	220V 50Hz 2.5KW	450	900×900×1700

### Products

#### Types of Granular Products

Chlorine, Nuts, Sugar, Rice, Pasta, Raisins, Berries, Biltong, Herbs, Sweetener, Dog Pellets, Frozen veg, Coconut Sugar, Washing powders, Spices, Salt, Pepper, Baked beans, Beans, Capsules, Cereals, Chilies, Chocolates, Coffee, Crisps, Dried Fruit, Crushed Garlic, Gums, Jelly Powder, Knacks, Noodles, Oats, Pea Nuts, Pepper Corns, Sago, Seasonings, Seeds, Sugar Beans, Sweets, Tablets, Tea

### Product Gallery



