



# PRE-MADE FILL-SEAL STANDUP POUCH MACHINERY FOR IMP



## IMP SERIES MACHINERY

Flexible and reliable, Robert's IMP Series Intermittent motion fill-seal machines provide a wide variety of packaging options in one base machine. The IMP Series delivers extreme flexibility to our customers by being able to accommodate small to large packages, various package styles, automatic fill, manual fill, or a combination plus many options for specific products. These machines offer the perfect starting point for companies that want to enter into the exciting and growing stand up, reclosable package style. As a further bonus, the machine can be upgraded at a future time to a full form, fill, and seal machine by adding a pouch making section.

### FLEXIBILITY

The IMP Series machines are able to run small retail packages all the way to very large club and food service sizes. We have run from a few ounces to greater than 20 pounds. A broad array of filling options, including multi-head weighing, augers, and cup fillers are available in addition to a completely manual loading approach. A combination of automatic and manual filling can also be achieved.

### EFFICIENCY

The unique Robert's system of "following" funnels is also found in the IMP Series. This approach to pouch filling allows for significantly more filling time as well as the ability to load very difficult products that simply fail on other machines.

### ADAPTABILITY

IMP Series machines are easily engineered to meet specific customer needs. Accommodation for special pouch shapes and designs is easily made as is provision for a multitude of filling options. The machine can be stretched to accommodate as many additional filling stations as necessary for an application.

### FIELD PROVEN RELIABILITY

Our Contract Packaging Division, in conjunction with our Machinery Division, allows us to do what few packaging machinery builders can: **Run what we sell!** With a large installed base in a broad range of applications, the IMP Series machines have proven themselves to be a reliable solution for our customers packaging needs.



### PERFORMANCE

- Servo driven, positive placement of pouches into dual clamp system
- Unique pouch opening system that performs consistently on a wide array of pouches and bags
- Speeds up to 70 pouches per minute

### EFFICIENCY

- Features for maximizing output and minimizing scrap are standard
- Servo motor intelligence in key operating areas
- Following funnels allow packing of difficult products while also preventing product spillage

### FLEXIBILITY

- Wide range of pouch and bag styles can be run
- Various options for automatic filling as well as manual filling
- Machine design allows for easy customization for customer specific applications
- Variety of options for various product needs such as gas flushing, dust extraction, premium insertion, etc



## POUCH OPENING

The machine utilizes a mechanical system of opening the pouches and bags that increases efficiency and reduces scrap.

The opening mechanism minimizes problems associated with difficult to open pre-made packages.

## CHANGE OVER

Size change is quick and easy with a complete change taking approximately 20 minutes.

The funnels are provided with tool-less change features.

## TRAVELING FUNNELS

Our traveling funnels open up a broad array of options for filling pouches.

Whether due to a small pouch opening size or difficult product, the traveling funnels can provide consistent and efficient filling with a minimum of product spillage.

Unlike "single point dump" machines, the IMP has 4 funnels that travel with the pouches allowing for roughly 2 1/2 times the filling time found on other machines in the market.

These funnels also allow for orientation of the product as well as shaking to aid in getting the product into the pouches before sealing.

## OPERATION

- Pre-made pouches/bags are automatically fed from a manually loaded in-feed conveyor.
- Pouches/bags are individually picked up and placed into indexing dual pouch clamps which hold the package securely through all operations.
- A special mechanical zipper opening system opens every bag prior to filling. Additionally, focused air blasts are used to make sure that the package is opened fully.
- Packages are checked to ensure proper opening. Improperly opened pouches are not filled and are rejected further in the process.
- The open package receives product charges from a timing hopper that dumps into a funnel that travels with it. The hopper is filled by a suitable filling system.
- An optional settling conveyor system is positioned under the filling / loading stations to ensure that the package is well supported and to aid in product settling.
- Properly filled packages will continue indexing to the top-seal and top-seal cooling stations.

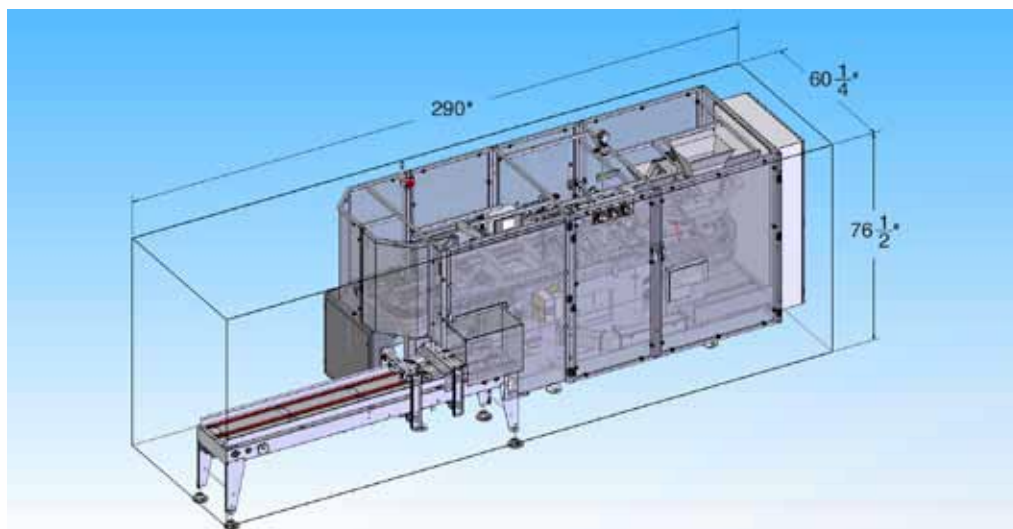
- Improperly filled or unopened packages are rejected from the system.
- After sealing and cooling the top seal, the sealed packages are discharged.

## STANDARD FEATURES

- Servo driven motion for key operating areas
- A variety of control / servo combinations
- Prepared for future upgrade to rollstock FFS
- Tool-less funnel and baffle changeover

## OPTIONAL FEATURES

- Nitrogen gas flushing
- Various hole punches and die cuts
- Dust extraction
- A wide variety of fillers (weighers, cup fillers, etc) and liquid (mass flow, pumps, etc.) dosing systems
- A wide array of dry and liquid dosing options
- Code dating, case packaging, check-weighing, metal detection, and many other upstream and downstream options for a complete package system.



Machine	Width		Height		Gusset		Speed
	Min	Max	Min	Max	Min	Max	
IMP 1250	4.0"	9.5"	6.0"	15.0"	0.0"	5.0"	Up to 60 ppm
	100 mm	240 mm	150 mm	380 mm	0 mm	125 mm	
IMP 1500	4.0"	12.0"	6.0"	15.0"	0.0"	5.0"	Up to 50 ppm
	100 mm	305 mm	150 mm	380 mm	0 mm	125 mm	
IMP 1750	4.0"	14.5"	8.0"	21.0" <sup>1</sup>	0.0"	6.5"	Up to 40 ppm
	100 mm	370 mm	205 mm	535 mm <sup>1</sup>	0 mm	165 mm	

<sup>1</sup> Machine can be built special for even longer pouches

