

# Pack 103.

## ENTRY-LEVEL HORIZONTAL FLOW WRAPPER

### APPLICATION INFORMATION

The Pack 103 is an entry-level, stainless steel, horizontal flow wrapper that packages products in flow wraps. With an output of up to 175 packages per minute, this machine is the ideal companion for Mom & Pop shops and medium-sized businesses who are taking their first steps in automation.

### PRODUCTS

Packages a wide range of products including confectionery, bakery, snacks, medical, prepared foods, hardware, housewares, and other foods and non-food items.

### HIGH FLEXIBILITY TO MEET DEMANDS OF TODAY AND TOMORROW

The Pack 103's wide film backstand and flexible cutting head height provides the widest format flexibility available on an entry level wrapper. Its small footprint and left or right hand execution fits most production environments and can easily integrate with Syntegon feeding technology for light automation.

### SUPERIOR PACKAGE QUALITY

Syntegon finwheel and crimper seal technology provide superior seal integrity. Optional registration eye correction precisely positions printed film on the package and minimizes film waste created during setup.

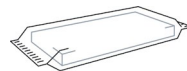
### OPERATOR FRIENDLY DESIGN

A 7" color touchscreen with intuitive icon driven interface makes set-up and diagnostic straight forward. The machine's open accessibility and easily removable modules make for quick and simple maintenance and cleaning. The all stainless steel infeed conveyor is available in three lengths to provide ample room for hand feeding while meeting industry standard sanitation requirements.

### Your benefits

- **Fast delivery and quick parts and service** response from U.S. manufacturing site
- **High Efficiency:** Low maintenance, servo motor design makes set-up and changeovers easy while reducing product and film waste during operation
- **Unmatched Flexibility and Reliability:** The broadest product size range available on any entry-level wrapper

### PACK STYLES



Pillow



Gusset



Hole Punch



Straight cut



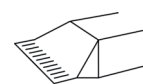
Zig-zag cut



Tear Notch



Horizontal sealing  
serration



Vertical sealing  
serration



# Packaging Line Structure.

| Product Handling |              |         | Primary Packaging |                  |             | Secondary Packaging |         |         |
|------------------|--------------|---------|-------------------|------------------|-------------|---------------------|---------|---------|
| Pick & Place     | Distribution | Feeding | Flow Wrapping     | Vertical Bagging | Bag Sealing | Forming             | Closing | Loading |
| Pack 103         |              |         |                   |                  |             |                     |         |         |

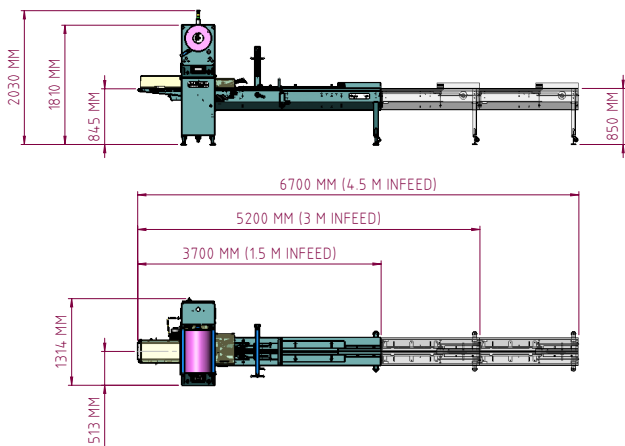
## Standard features

- ❑ Wrapper and infeed are constructed with 304 stainless steel\*
- ❑ Hand-fed infeed conveyor with exchangeable pushers
- ❑ 1 film reel holder capable of holding up to 650 mm film
- ❑ One fixed, quick change former
- ❑ Two sets of finwheels, one heated
- ❑ 1-up set of rotating crimper jaws
- ❑ (C) UL 508A certified electrical control panel
- ❑ PanelView plus 7" color touchscreen
- ❑ Rockwell CompactLogix 5380 Series Processor and Kinetix 5500 Servo Drives

## Optional features

- ❑ Adjustable, quick change former
- ❑ Hole punch - Delta or 9.5 mm round hole
- ❑ Zig-zag knife for easy to open packages
- ❑ No product / no paper option to reduce film waste
- ❑ Carrier flat top added to the infeed for sticky products
- ❑ Date coder and mounting kit
- ❑ Two-way eye correction for registered films
- ❑ Perforator to deflate packages and fit more per case
- ❑ Auto-open finwheels during stoppages to reduce film waste
- ❑ Air evacuation device for tighter packages
- ❑ Gas flush provision to remove oxygen
- ❑ Basic spare parts kit
- ❑ Expanded spare parts kit
- ❑ CE certification
- ❑ Light automation with robotic and feeding solutions
- ❑ Small product discharge chute

## Layout example



\*NOTE: 304 stainless steel may show signs of corrosion and pitting when exposed to certain chemicals and solutions.

## Technical Specifications

| Product dimensions          | min.                                       | max. |
|-----------------------------|--------------------------------------------|------|
| Length (mm)                 | *25 - 45<br>*with Ø100<br>crimpers & chute | 457  |
| Width (mm)                  | 12                                         | 250  |
| Height (mm)                 | 6                                          | 110  |
| Film Reel                   | max.                                       |      |
| Diameter (mm)               | 400                                        |      |
| Weight (kg)                 | 35                                         |      |
| Width (mm)                  | 650                                        |      |
| Film Sealing                | max.                                       |      |
| Fin seal height (mm)        | 12                                         |      |
| Cross seal width (mm)       | 20 / 25                                    |      |
| Capacity                    | max.                                       |      |
| 1-up crimper (ppm)          | 105                                        |      |
| 2-up crimper (ppm)          | 175                                        |      |
| Film speed (m/min)          | 30                                         |      |
| Electrical                  |                                            |      |
| Standard supply (VAC)       | 208-240                                    |      |
| Power supply frequency (Hz) | 50 / 60                                    |      |
| Control circuit (VDC)       | 24                                         |      |
| Pneumatics (psi/bar)        | min. 80 / 6                                |      |
| Working height (mm)         | 850 / 930                                  |      |
| Working weight (kg/lbs)     | 1200 / 550                                 |      |

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