

# Continuous Motion Overlap Seal Inline infeed for prefilled Trays

Safe

Versatile

Easy to use

Economical



Autopack SIT CMOS is a Continuous Motion Overlap Seal shrink wrapper with Inline Infeed, designed for handling products pre-loaded on tray or pad. It is Autopack's fastest machine and among the world's most compact overlap seal machines with speed up to 40 packs/min.

**Inline infeed**



**Film Overlapping**



**90 degree or Inline outfeed**



## The Autopack Package :Faster - Smaller - Better Pack - Less Energy

### Standard Features

- Quick & Easy changeover
- Speed up to 40 trays/min
- Integrated Control & User friendly HMI
- Printed film registration device

### Optional Features

- Tear strip perforation device
- Heavy duty tunnel conveyor
- By-pass mode for cases



Autopack designers pay particular attention to specifying materials and finishes that are durable, do not affect the packaged product and remain serviceable for a long time.

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[www.Hollandpkg.com](http://www.Hollandpkg.com)

## Inline infeed for prefilled Trays

### Operation

- Trays pre-loaded with products are coming from upstream. The infeed queue sensor detects the tray and triggers the infeed stopper to stop the tray for the set period of time.
- Once the set time is over, the stopper releases the tray into table area where motorized conveyor advances it through a film feeding area where film feeding and cutting units prepare to feed and cut the film according to preset film length. The tray is then moved to overlap area and wrapped around which forms a sleeve under the tray.

- The wrapped pack enters the shrink tunnel chamber where recirculated hot air causes the plastic film to shrink, conforming to the contours of the contents, however leaving an opening at either end of the pack, often referred to as "Bulls Eye".
- Once the pack is out of the hot chamber, forced air cooling is used to tighten the wrap to allow further handling or conveying to secondary packaging equipment.

| Specifications                                                |                     |                 | 50SIT                                                  | 70SIT     |
|---------------------------------------------------------------|---------------------|-----------------|--------------------------------------------------------|-----------|
|                                                               |                     |                 | H25 / H35                                              | H25 / H35 |
| <small>(All parameters in mm except "Film thickness")</small> |                     |                 |                                                        |           |
| <b>Film</b>                                                   | Max roll width      | <b>wf</b>       | 500                                                    | 700       |
|                                                               | Film thickness (µm) | <b>tf</b>       | 35 < tf < 100                                          |           |
|                                                               | Max roll dia        | <b>df</b>       | 400 or max roll weight 40kg<br>(whichever comes first) |           |
| <b>Pack Size</b> <sup>1)</sup>                                | Max pack width      | <b>wp</b>       | 400                                                    | 500       |
|                                                               | Max pack depth      | <b>dp</b>       | 400                                                    | 400       |
|                                                               | Max pack height     | <b>hp</b>       | 350                                                    | 350       |
| <b>Packing Speed</b> <sup>2)</sup>                            | <b>Trays/Min</b>    |                 | up to 40                                               | up to 40  |
| <b>Electrical Supply</b>                                      | Average power       | <b>kW</b>       | 18                                                     | 23        |
|                                                               | Max power           | <b>kW</b>       | 26                                                     | 32        |
| Available in 220/380/415, 3ph, N+E, 50/60Hz                   |                     |                 |                                                        |           |
| <b>Compressed Air</b>                                         | Working pressure    | <b>kPa</b>      | 500                                                    | 600       |
|                                                               | Consumption         | <b>NL/Cycle</b> | 3.2                                                    | 3.6       |
|                                                               |                     | <b>CFM</b>      | 5                                                      | 5.8       |

#### Note:

- 1) Maximum stated pack width can only be achieved if the pack depth and the height are not at their maximum. In general as the pack depth or height goes up, then for a given film size, width of the pack must decrease.
- 2) The final speed is very much dependent on the size of the tray.
- 3) Adjustable infeed/outfeed height from 850mm up to 900mm. Extension possible on request.

| Dimensions                            |                              |           | 50SIT     | 70SIT     |
|---------------------------------------|------------------------------|-----------|-----------|-----------|
|                                       |                              |           | H25 / H35 | H25 / H35 |
| <small>(All parameters in mm)</small> |                              |           |           |           |
| <b>Total System</b>                   | Overall length               | <b>L</b>  | 5300      | 5300      |
|                                       | Width                        | <b>W</b>  | 800       | 1000      |
|                                       | Height                       | <b>H</b>  | 1920      | 1920      |
|                                       | Infeed height <sup>3)</sup>  | <b>Hi</b> | 850       | 850       |
|                                       | Outfeed height <sup>3)</sup> | <b>Ho</b> | 850       | 850       |

Above parameters are constantly reviewed and updated and may vary from project to project depending on customers requirements.

