

# **Continuous Motion Overlap Seal** Side infeed for Aseptic packages and square products

Safe

Versatile

Easy to use

Economical



Autopack SLA / SLR CMOS is a Continuous Motion Overlap Seal bundle shrink wrapper with Side infeed for Aseptic packages and square products. With a maximum speed of 45 cycles/min, it is Autopack's fastest machine and among the world's most compact overlap seal machines with speed of up to 135 packs/min (triple tracks).

Single lane infeed conveyor



Single / Multiple track operation



90 degree or Inline outfeed



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

### Standard Features

- Bottom overlap seal
- Quick & Easy changeover
- Speed up to 40 ppm (single track)
- Double/triple capacity with double/triple tracks
- Integrated Control & User friendly HMI
- Printed film registration device



- Tear strip perforation device
- High product stabiliser
- Tunnel for handling aerosol



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.

**Explore Shrink Wrapping and our range of Machines at** 



## Side infeed for Aseptic packages and square products

#### Operation

- Following upstream label, sleeve or straw applicator unit, packages arrive at the side of machine on a single lane infeed conveyor. Here, a pneumatic sequencer releases pre-selected number of products into rotating finger bars. The finger bar mechanism transfers successive rows of products onto the grouping area.
- Once onto the grouping area, motorized conveyor and flight bars will advance the complete collation through a film feeding area where film feeding and cutting units prepare to feed and cut the film according to preset film length. The groups are then moved to overlap area and wrapped around which forms a sleeve under the packs.
- The wrapped groups of packages enter 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.

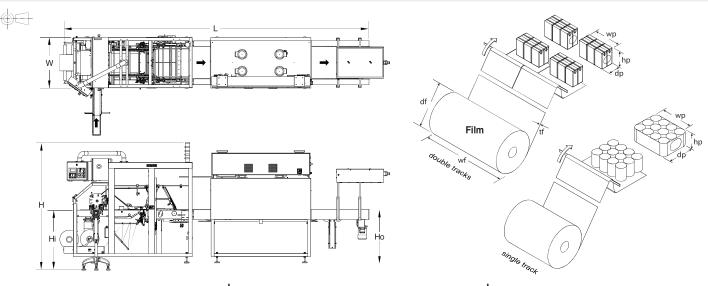
| Specifications                                 |                    | [           | 50SLA   | 52SLA             | 70SLA     | 72SLA             |  |
|--|--------------------|-------------|---|-------------------|-----------|-------------------|--|
| (All parameters in mm except "Film thickness") |                    |             | H25 / H35   | H25 / H35         | H25 / H35 | H25 / H35         |  |
| Film   | Max roll width     | wf          | 500   | 490               | 700       | 660-690           |  |
|  | Film thickness (μm | ) <b>tf</b> | 35 < tf < 100                                       |                   |           |                   |  |
|  | Max roll dia       | df          | 400 or max roll weight 40kg (whichever comes first) |                   |           |                   |  |
| Pack Size 1)                                   | Max pack width     | wp          | 400   | 200 <sup>2)</sup> | 500       | 250 <sup>2)</sup> |  |
|  | Max pack depth     | dp          | 300   | 200               | 320       | 200               |  |
|  | Max pack height    | hp          | 250 / 350   | 250 / 350         | 250 / 350 | 250 / 350         |  |
| Packing Speed 3) Packs/Min                     |                    |             | up to 40  | up to 80          | up to 40  | up to 120         |  |
| Electrical Supply                              | Average power      | kW          | 18  | 18                | 23        | 23                |  |
|  | Max power          | kW          | 26  | 26                | 32        | 32                |  |
| Available in 220/380/415, 3ph, N+E, 50/60Hz    |                    |             |   |                   |           |                   |  |
| Compressed Air                                 | Working pressure   | kPa         | 500   | 500               | 600       | 600               |  |
|  | Consumption        | NL/Cycle    | 3.2   | 3.2               | 3.6       | 3.6               |  |
|  |                    | CFM         | 5   | 5                 | 5.8       | 5.8               |  |

| Dimensions             |                   |    | 50SLA     | 52SLA     | 70SLA     | 72SLA     |
|------------------------|-------------------|----|-----------|-----------|-----------|-----------|
| (All parameters in mm) |                   |    | H25 / H35 | H25 / H35 | H25 / H35 | H25 / H35 |
| Total System           | Overall length    | L  | 5300      | 5300      | 5300      | 5300      |
|                        | Width             | w  | 800       | 800       | 1000      | 1000      |
|                        | Height            | н  | 1920      | 1920      | 1920      | 1920      |
|                        | Infeed height 4)  | Hi | 850       | 850       | 850       | 850       |
|                        | Outfeed height 4) | Но | 850       | 850       | 850       | 850       |

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

#### 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) Stated pack widths (and consequently pack depth and height) are based on double track mode. For triple track operation, max pack width will be reduced. Contact Autopack or your local representative for more information.
- 3) The final speed is very much dependent on the shape size of the product as well as the size of the collation.
- 4) Adjustable infeed/outfeed height from 850mm up to 900mm. Extension possible on request.



Manufactured by: AUTOPACK CO., LTD Offices in: Sydney, Australia

Bangkok, Thailand