

Automatic Non Collating Direct Infeed

Safe

Versatile

Easy to use

Economical



Autopack SLN with welding bar is a medium speed Bundle Wrapper designed to handle pre-loaded trays, single boxes or stacked rigid items. The inline design combined with Autopack small footprint wrapper and tunnel facilitates economical use of valuable factory space.

Straight or Curve infeed



Pneumatic pusher



90 degree or Inline outfeed



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

Standard Features

- Quick & Easy changeover
- Stainless steel construction
- Speed from 12-28 ppm
- Line control and communication
- Integrated control & User friendly HMI
- Better shrink through more efficient air circulation

Optional Features

- Printed film registration device
- Tear strip perforation device
- High product stabiliser
- Special option 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
www.autopack.com



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Operation

- Once product is loaded into a tray or box, it is then transported into the Autopack wrapping unit, by means of side mounted conveyor. Here, a pneumatic pusher transfers the pack forward into the welding position.
- At this stage the pack is clamped, the welding bar descends to complete the wrap, and the pusher returns waiting for the next tray / box.
- As the welding bar ascends the pusher advances to transfer the next tray / box into the welding position, at the same time

displacing the previously wrapped tray onto the continuously moving shrink tunnel conveyor.

- The wrapped tray/box soon enters the shrink tunnel chamber where recirculated hot air causes the wrap to shrink, and tightly conforms to the contours of the contents.
- Once the pack is out of hot chamber, forced air cooling is used to tighten the sleeve wrap to achieve a strong, secure pack ready for stacking on a pallet or placing in a shipping carton.

| Specifications | | | 45SLN | 60SLN | 80SLN |
|--|-------------------------------|-----------------|-----------------------|-----------|-----------|
| (All dimensions in mm except "Film thickness") | | | L20 / M25 / M35 | M25 / M35 | H25 / H35 |
| Film | Max roll width | wf | 430 | 580 | 780 |
| | Max thickness (µm) | tf | 80 / 100 / 100 | 100 | 120 |
| | Max roll dia | df | 300 | 300 | 300 |
| Pack Size | Max pack width ¹⁾ | wp | 300 | 400 | 650 |
| | Max pack depth ²⁾ | dp | 220 | 300 | 400 |
| | Max pack height ¹⁾ | hp | 200 / 250 / 350 | 250 / 350 | 250 / 350 |
| Packing speed ³⁾ | Trays/min | | 15-20 / 18-28 / 18-28 | 15-25 | 12-22 |
| Electrical Supply | Average power | kW | 8 / 8 / 10 | 10 / 11 | 24 |
| | Max power | kW | 11 / 12 / 13 | 14 / 15 | 34 |
| Available in 220/380/415, 3ph, N+E, 50/60Hz | | | | | |
| Compressed Air | Working pressure | kPa | 500 | 600 | 650 |
| | Consumption | NL/Cycle | 11 | 14 / 15 | 23 / 25 |
| | | CFM | 6 | 7 / 8 | 9 |

Note:

- 1) Maximum state 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 values specified are to satisfy most applications but if they don't accommodate your product size please contact us as we may be able to vary some machine parameters during the manufacturing process.
- 3) The final speed is very much dependent on the method of collating, shape size and nature of product as well as the size of collation.
- 4) Depending on size of collation, different transfer tables between the wrapping station and the shrink tunnel may be used. This will alter the values of L.
- 5) Height is adjustable from 830mm up to 900mm. Extension possible on request.
- 6) This also depends on the infeed conveyor supplied with the machine.

| Dimensions | | | 45SLN | 60SLN | 80SLN |
|------------------------|-------------------------------------|---------------|--------------------|-------------|-------------|
| (All dimensions in mm) | | | L20 / M25 / M35 | M25 / M35 | H25 / H35 |
| Total System | Overall Length ⁴⁾ | L | 2505 / 3005 / 3005 | 3095 | 4075 |
| | Width | W | 650 | 800 | 1000 |
| | Infeed/Outfeed Height ⁵⁾ | Hi/Ho | 830 | 830 | 830 |
| Wrapper | Height | Hw | 1690 | 1690 | 1690 |
| Shrink Tunnel | Height | Ht | 1600 / 1620 / 1720 | 1620 / 1720 | 1630 / 1750 |
| Infeed Conveyor | Projection | Min.Cp | 325 / 475 / 475 | 350 / 400 | 450 / 500 |
| | Indent ⁶⁾ | Ci | 560 | 560 | 560 |
| Outfeed Roller | Length | Lo | 750-1500 | 750-1500 | 1500 |
| | Width | Wo | 350 | 500 | 700 |

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

