autopack

Shrink Bundler with Welding Bar
Side infeed and Vertical collator

Safe

Versatile

Easy to use

Economical

Autopack SLV is a Bundle Shrink Wrapper specifically designed for stacking and shrink wrapping flat rectangular shaped and/or stackable product such as pharmaceutical cartons, soap cakes, toothpaste cartons, paper reams, and many others. It is available in single track or tandem operation.

Straight or Curve infeed

Single track or Tandem operation

90 degree or Inline outfeed

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

Standard Features

- Quick & Easy changeover
- Stainless steel construction
- Speed up to 40 ppm (twin tracks)
- Line Control & Communication
- Integrated Control & User friendly HMI
- Better shrink through more efficient air circulation

Optional Features

- Printed film registration device
- Tear strip perforation device
- Card / Leaflet inserter
- Single track or Tandem operation

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

Side infeed and Vertical collator

Operation

● Once the product leaves the carton machine, it is then transported into the Autopack wrapping unit, by means of a side mounted conveyor.

● Here, the cartons accumulate until a full layer is counted, then the layer is elevated to the table level where it is supported by suitable latches. This activates horizontal pusher which transfers the collation behind the welding bar where it undergoes the sleeve wrapping operation.

● As the welding bar ascends the pusher advances to transfer the new collation into the welding position, at the same time displacing the previously wrapped collation onto continuously moving shrink tunnel conveyor. The wrapped collation soon enters the shrink tunnel chamber where recirculated hot air causes the wrap to shrink, and tightly conform to the contours of the contents.

● Once the pack is out of the 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			45SLV	60SLV	62SLV	82SLV
(All parameters in mm except "Film thickness")			L25 / M25 / M35	M25 / M35	M25 / H35	M25 / H35
Film	Max roll width	**wf**	430	580	2x270	2x350
	Film thickness (µm)	**tf**	35 < tf < 100			
	Max roll dia	**df**	300 or max roll weight 25kg (whichever comes first)			
Pack Size	Min-Max pack width [1]	**wp**	90-360	90-510	90-220	90-310
	Min-Max pack depth [2]	**dp**	60-240	60-240	60-210	60-210
	Max pack height	**hp**	200 / 200 / 300	200 / 300	200 / 300	200 - 300
	Min-Max carton depth	**dc**	60-240	60-240	60-210	60-210
	Min-Max carton height	**hc**	10-75	10-75	10-50	10-50
	Min-Max carton width	**wc**	20-370	20-510	20-220	20-310
Packing Speed	Without collation **Packs/min**		15-20 / 18-28 / 18-28	18-28	Up to 40	Up to 35
	With collation [3] **Packs/min**		10-15 / 12-22 / 12-22	12-22	15-35	10-30
Electrical Supply	Average power	**kW**	8 / 8 / 9	11 /13	11 / 20	11/ 24
	Max power	**kW**	11 / 12 / 13	15 / 18	15 / 28	16 / 35
Available in 220/380/415, 3ph, N+E, 50/60Hz						
Compressed Air	Working pressure	**kPa**	500	600	600	650
	Consumption	**NL/Cycle**	19	27	28	39
	(@ 10 cycles/min)	**SCFM**	6.8	9.9	10	14.3

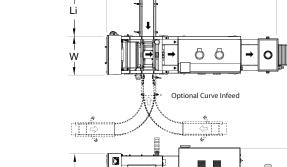| Dimensions			45SLV	60SLV	62SLV	82SLV
(All parameters in mm)			L25 / M25 / M35	M25 / M35	M25 / H35	M25 / H35
Total System	Overall Length [4]	**L**	2470 / 2970 / 2970	2970	3890	2970 / 3890
	Width	**W**	650	800	970	1065
	Infeed Height [5]	**Hi**	740	740	740	740
	Outfeed Height [5]	**Ho**	840	840	840	840
	Wrapper Height	**Hw**	1690	1690	1690	1690
	Tunnel Height	**Ht**	1720 / 1820 / 1920	1820 / 1920	1820 / 1870	1820 / 1920
Infeed Conveyor	Length	**Li**	730	730	1100	1100
Outfeed Roller	Length	**Lo**	750	1500	1500	1500
	Width	**Wo**	330	480	500	700

The above parameters are constantly reviewed and updated and may vary from project to project depending on customers requirements.
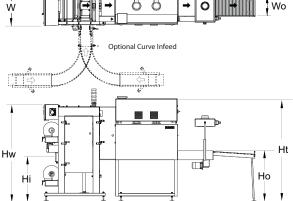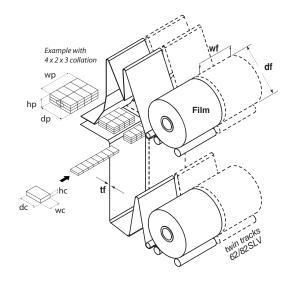
Note:

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) 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) Stacking speed is much dependent on collation pattern and carton size. On a single track machine (45SLV or 60SLV), typical speed will be 150 cartons/min for a small carton stacked 4 wide x 3 high (12 packs) collation.

4) Depending on customer's products range, different transfer tables may be used between wrapper and tunnel. This will alter values of L.

5) Infeed / Outfeed height adjustable +70mm. Extension possible on request.

Optional Curve Infeed

Example with 4 x 2 x 3 collation

twin tracks 62/82SLV