



Safe

Versatile

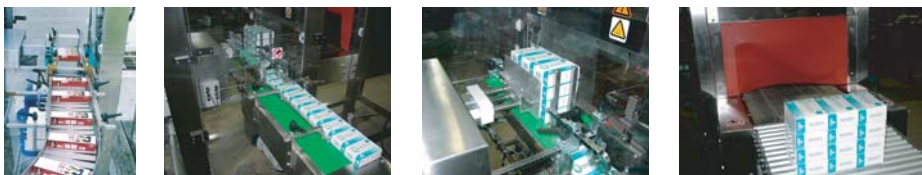
Easy to use

Economical



Fully automatic with integral vertical collator

The SLV machines are specifically designed for stacking and shrink wrapping of flat rectangular shaped products such as pharmaceutical cartons, soap cakes, toothpaste, reams of paper, shoe boxes and many others.



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

### Standard Features

- Integrated Controls and user-friendly HMI
- Stainless Steel finish
- Easy film loading
- Less floor area and less energy
- Line control and communication
- Better shrink through more efficient air circulation
- 5 minute size change, using quick release handles and one clip in change part.
- Lower tunnel temperature, important for cosmetic, pharmaceutical & chemical

### Optional Features

- Printed film registration device
- Tear Strip Perforation device
- Curved infeed



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](http://www.autopack.com)



## Fully Automatic With Integral Vertical Collator

### Operation

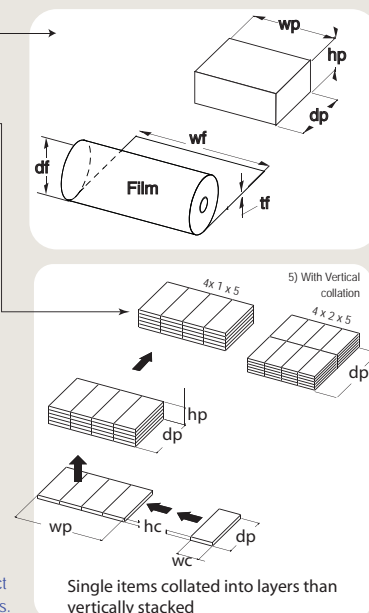
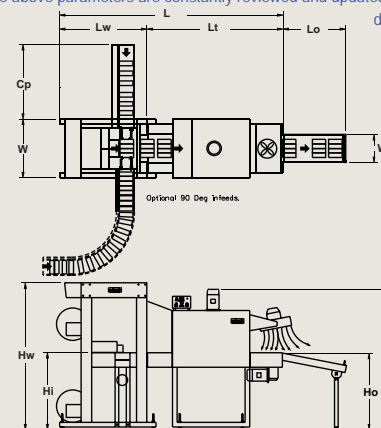
- Once the product leaves the carton machine, it is then transported into the Autopack wrapping unit, by means of a side mounted conveyor.
- Here, the cartons accumulated until a full layer is counted, then the layer is elevated to the table level where it is supported by suitable latches. The welding bar where it undergoes the sleeve wrapping operation.
- 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		45SLVL20	45SLVM25	45SLVM35	60SLVM25	60SLVM35
Film	Max roll width	wf	440	440	440	590
	Max thickness (µm)	tf	80	100	100	120
	Max roll dia	df	300	300	300	300
Pack Size	min-max pack width <sup>1)</sup>	wp	90-370	90-370	90-370	90-518
	min-max pack depth <sup>2)</sup>	dp	60-220	60-220	60-220	60-300
	max pack height <sup>1)</sup>	hp	150	200	300	300
	min-max carton height	hc	10-75	10-75	10-75	10-75
	min-max carton width	wc	20-370	20-370	20-370	20-518
Packing speed	Without collation	PPM	15-20	18-28	18-28	18-28
	With vertical collation <sup>3)</sup>	PPM	10-15	12-22	12-22	12-22
Electrical supply	380/415V+N+E	A/ph	16	16	18	19
	Average Power usage	kW	6	6	7	7
Compressed Air	Air pressure	kPa	500	500	500	600
	Air usage per pack	NL	11	11	11	15
	Cubic Feet /Min	cfm	6	6	6	8

Dimensions		45SLVL20	45SLVM25	45SLVM35	60SLVM25	60SLVM35
Total system	Overall Length <sup>4)</sup>	L	2470	2970	2970	2970
	Width	W	650	650	650	800
	Infeed Height + 70	Hi	735	735	735	735
	Outfeed Height + 70	Ho	830	830	830	830
Wrapper	Length <sup>4)</sup>	Lw	970	970	970	970
	Height	Hw	1690	1690	1690	1690
Shrink Tunnel	Length	Lt	1500	2000	2000	2000
	Height	Ht	1600	1620	1720	1620
Infeed conveyor	Projection	Cp	730	730	730	730
Outfeed Roller	Length	Lo	500-750	750	750	1500
	Width	Wo	330	330	330	480

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



- 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. If in doubt, contact your local Autopack representative or the distributor.
- 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. 150 cartons/mm would be typical speed for a small carton stacked 4 wide x 3 high (12 pack) collation.
- 4) Depending on customer's products range, different transfer tables maybe used between wrapper and tunnel. This will alter values of L and Lw
- 5) Machine can also collate horizontally but maximum carton size will be reduced. Contact Autopack or our representative for detail.

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