



Safe

Versatile

Easy to use

Economical



This version is suitable for stacking and wrapping rectangular shaped containers ranging from small pharmaceutical cartons to 4 L ice cream tubs. The machine can collate single or multi-stack packs.

Fully automatic with integral vertical collator



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

Standard Features

- Integrated Controls and user-friendly HMI
- Stainless Steel finish
- 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

- High Product stabiliser
- Printed film registration device
- Tear Strip Perforation device
- Special option for aerosol packing



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

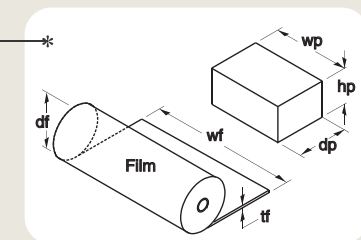


Fully Automatic with integral vertical collator

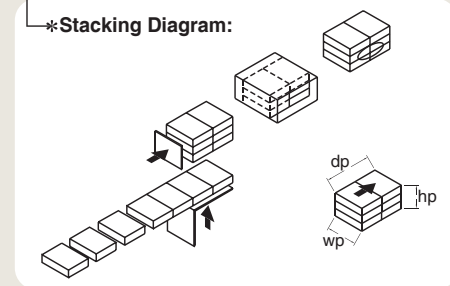
Operation

- Once the product leaves the carton machine, it is then transported into the Autopack wrapping unit, by means of an inline 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. The process is repeated until selected number of layers reached.
- This activates horizontal pusher which transfers the collation behind the welding bar where it undergoes the sleeve wrapping operation.
- The pusher returns to allow for next collation to be prepared.
- As the welding bar ascends the new collation is transferred 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 recalculated 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.

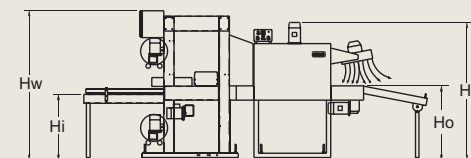
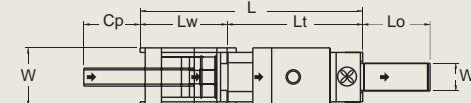
Specifications	(All dimensions are in mm, except *film thickness)	45SIVL20	45SIVM25	45SIVM35	45SIV-Rotary
Film	Max roll width wf	430	430	430	430
	Max thickness (µm) tf	80	80	80	80
	Max roll dia df	300	300	300	300
Pack Size	min-max pack width ^{1,2)} wp	90-240	90-240	90-240	90-300
	min-max pack depth ^{1,3)} dp	100-200	100-200	100-200	100-300
	max pack height hp	200	200	300	200
	max pack height	200	200	300	200
Single product stacking	wp	20-80	20-80	20-80	20-80
Packing speed	without collation	15-20	18-28	18-28	18-28
	with collation ⁴⁾ Packs/min	10-15	10-15	10-15	12-22
Electrical	380/415V+N+E A/ph	16	16	18	18
	Average Power usage kW	6	6	7	7
Pneumatic	Air pressure kPa	500	500	500	500
	Air usage per pack NL	11	11	11	11
	Cubic Feet /Min cfm	6	6	6	6



- 1) Due to the sleeve wrapping process the SIV machine has limited applications. Contact your local Autopack representative or the distributor for more inquires.
- 2) 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. In if doubt, contact your local Autopack representative or the distributor.
- 3) 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.
- 4) Stacking speed is much dependent on collation pattern and carton size. 150 cartons/min would be a typical speed for a small carton stacked 4 wide x 3 high (12 pack) collation.
- 5) Depending on customers product range, different transfer tables maybe used between wrapper and tunnel. This will alter values of L and Lw.



Dimensions		45SIVL20	45SIVM25	45SIVM35
Total system	Overall Length ⁵⁾ L	2470	2970	2970
	Width W	650	650	650
	Infeed Height + 70 Hi	735	735	735
	Outfeed Height + 70 Ho	830	830	830
Wrapper	Length ⁵⁾ Lw	970	970	970
	Height Hw	1690	1690	1690
Shrink Tunnel	Length Lt	1500	2000	2000
	Height Ht	1600	1620	1720
Infeed conveyor	Projection Cp	730	730	730
	Length Lo	500-750	750	750
Outfeed Roller	Length Wo	330	330	330
	Width			



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