SLH / SLU

Shrink Bundler with Welding Bar
Side infeed with Horizontal / Universal collator

Safe

Versatile

Easy to use

Economical

Autopack SLH & SLU are medium speed Bundle Shrink Wrappers designed for packing wide range of product types from cosmetic, pharmaceutical, grocery, and chemical industries. While SLH is dedicated to handle individual products, the larger infeed conveyor of SLU can handle both individual products and pre-loaded trays.

Single lane side infeed

Wide infeed for preloaded trays

Cooling fans at outfeed

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

Standard Features

- Quick & Easy changeover
- Stainless steel construction
- Speed up to 23 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
- Pre-orientation of products (starwheel etc.)
- 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

Side infeed with Horizontal / Universal collator

Operation

- After filling, capping and labelling, product containers are then transported into the Autopack wrapping unit, by means of side mounted conveyor.
- Here, a pneumatic pusher collates the containers into a preselected pack formation, which upon completion is transferred forward into the welding position.
- At this stage the pack is clamped, the welding bar descends to complete the wrap, and the pusher returns to prepare the next collation of products.
- 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 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 (All parameters in mm except "Film thickness")			45SLH L20 / M25 / M35	60SLH M25 / M35	62SLH M25 / M35	80SLH H25 / H35	82SLH H25 / H35
Film	Max roll width	**wf**	430	580	2x270	780	2x370
	Film thickness (µm)	**tf**	35 < tf < 100				
	Max roll dia	**df**	300 or max roll weight 25kg (whichever comes first)				
Pack Size	Max pack width [1]	**wp**	320	420	210	650	330
	Max pack depth [2]	**dp**	250	300	200	400	200
	Max pack height [1]	**hp**	200 / 250 / 350	250 / 350	250 / 350	250 / 350	250 / 350
Single Product	Diameter min-max [3]	**d**	35-100	35-100	35-100	35-100	35-100
Packing Speed	Without collation	**Packs/min**	15-20 / 18-23 / 18-23	18-23	34-40	12-20	34-40
	With collation [4]	**Packs/min**	10-13 / 12-15 / 12-15	12-15	20-26	8-15	20-26
Electrical Supply	Average power	**kW**	8 / 8 / 10	11 / 13	11 / 13	24	24
	Max power	**kW**	11 / 12 /13	15 / 18	15 / 18	34	34
Available in 220/380/415, 3ph, N+E, 50/60Hz							
Compressed Air	Working pressure	**kPa**	500	600	600	650	650
	Consumption	**NL/Cycle**	17 / 17 / 18	20 / 21	24 / 25	28 / 31	37 / 40
	(@ 10 cycles/min)	**SCFM**	5.8 / 5.8 / 6.2	7.4 / 7.7	8.8 / 9.1	10 / 11.1	11.2 / 12.3

Dimensions (All parameters in mm)			45SLH L20 / M25 / M35	60SLH M25 / M35	62SLH M25 / M35	80SLH H25 / H35	82SLH H25 / H35
Total System	Overall Length [5]	**L**	2505 / 3005 / 3005	3005	3005	3905	3905
	Width	**W**	650	800	800	1000	1000
	Infeed Height [6]	**Hi**	830	830	830	830	830
	Outfeed Height [6]	**Ho**	830	830	830	830	830
	Wrapper Height	**Hw**	1690	1690	1690	1690	1690
	Tunnel Height	**Ht**	1720 / 1820 / 1920	1820 / 1920	1820 / 1920	1770 / 1870	1770 / 1870
Infeed Conveyor	Length	**Li**	600 / 800 / 800	775	775	1075	1075
Outfeed Roller	Length	**Lo**	750-1500	750-1500	750-1500	750-1500	750-1500
	Width	**Wo**	350	500	500	700	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.

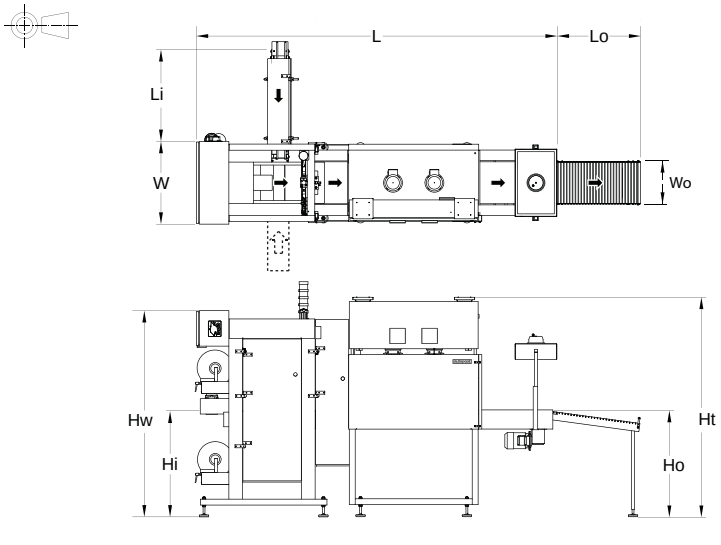
2) The values specified are to satisfy most applications but if they don't accommodate your product size please contact us as we may be able to vary some machine parameters during the manufacturing process.

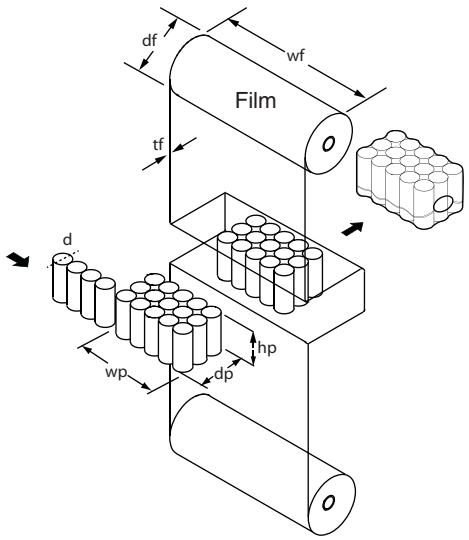
3) The parameter "d" refers to the range of adjustment for collating of cylindrical containers. Rectangular containers can be collated without table guiding, hence the value of "d" may be easily increased, but not exceeding "dp"

4) 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, 150 units/min would be a typical speed for a 330ml cylindrical container with a base dia, of say 50, collated into a 12 pack.

5) Depending on size of collation, different transfer table between the wrapping station and the shrink tunnel may be used. This will alter the values of L.

6) Height is adjustable from 830mm up to 900mm. Extension possible on request.





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