



Shrink Bundler with Welding Bar Inline infeed on Multilane

Safe

Versatile

Easy to use

Economical



Autopack SIM with welding bar is a medium speed Bundle Shrink Wrapper designed for packing any product types that can be accumulated (i.e. bottles, cans, cartons) and for all industry sectors. Available in single track or tandem configuration, the "inline" design combined with Autopack small footprint wrapper and tunnel facilitate economical use of valuable factory space.

Inline infeed



Flight bar grouping



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 55 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
- Cardboard inserter
- Single / Multiple track operation
- Upstream lane divider



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



Inline infeed on Multilane

Operation

- Products are coming from upstream and are distributed on multilanes either by accumulation or using a lane divider (optional). Here the products accumulate in each channel/lane until coverage of the Queue Photo sensor (all lanes full). This opens the infeed stopper which controls the number of products entering the grouping area. The number of products released will be according to the desired collation patterns. This could be on single or multiple track operations.
- Once the groups are transferred onto the grouping area, motorized flight bar will advance the groups through a web of film and behind the welding bar where they are clamped. The return of the

flight bar triggers the welding bar descent, which completes to form a sleeve around each group of products. In the mean time the flight bar transfers the next group of products for the welding bar to complete its welding and cutting operation.

- The wrapped groups of packages enter the shrink tunnel chamber where recirculated hot air causes the plastic film to shrink, conforming to the contours of the contents, however leaving an opening at either end of the pack, often referred to as "Bulls Eye". Once the pack is out of the hot chamber, forced air cooling is used to tighten the wrap to allow further handling or conveying to secondary packaging equipment.

Specifications (All parameters in mm except "Film thickness")			45SIMM25	45SIMH35	60SIMM25	60SIMH35	62SIMH25	80SIMH35	82SIMH25
Film	Max roll width	wf	430	430	580	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	300	300	450	450	180	600	280
	Max pack depth ²⁾	dp	220	220	300	300	180	300	300
	Max pack height ²⁾	hp	250	350	250	350	250	350	250
Packing Speed	Pack/min		18-30	18-30	18-28	18-28	30-55	18-25	30-55
Electrical Supply	Average power	kW	8	17	10	24	20	24	24
	Max power	kW	12	24	15	34	28	34	34
Available in 220/380/415, 3ph, N+E, 50/60Hz									
Compressed Air	Working pressure	kPa	500	500	600	600	600	600	600
	Consumption	NL/Cycle	11	11	14	14	15	15	15
		CFM	6	6	7	7	8	8	8

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. If they don't accommodate your product size, simply contact us as we may be able to vary some machine parameters during the manufacturing process.

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

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

Dimensions (All parameters in mm)			45SIMM25	45SIMH35	60SIMM25	60SIMH35	62SIMH25	80SIMH35	82SIMH25
Total System	Overall Length ³⁾	L	3005	3805	3005	3905	3905	3905	3905
	Width	W	650	650	800	800	800	1000	1000
	Infeed Height ⁴⁾	Hi	830	830	830	830	830	830	830
	Outfeed Height ⁴⁾	Ho	830	830	830	830	830	830	830
	Wrapper Height	Hw	1690	1690	1690	1690	1690	1690	1690
	Tunnel Height	Ht	1820	1870	1820	1870	1770	1870	1770
Infeed Conveyor	Length	Li	830	830	830	830	830	830	
Outfeed Roller	Length	Lo	750	750	750 / 1500	750 / 1500	1500	1500	1500
	Width	Wo	350	350	500	500	700	700	700

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

