



## Automatic Inline Tray Handling

Safe

Versatile

Easy to use

Economical



Autopack SIT with welding bar is a medium speed Bundle Shrink Wrapper designed to handle pre-loaded trays, single boxes or stacked rigid items. The inline design combined with Autopack small footprint wrapper and tunnel facilitates economical use of valuable factory space.

Direct connection to tray packer



Inline infeed



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 12 - 22 ppm
- Integrated Control & User friendly HMI
- Better shrink through more efficient air circulation

#### Optional Features

- Printed film registration device
- Tear strip perforation device
- 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](http://www.autopack.com)



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### Operation

- After product loading into trays or shipper, these trays/shippers are transported into the Autopack tray wrapping unit, by means of an inline infeed.
- Here, the trays are separated to create gap for the welding bar to get in between.
- Once near the welding bar, a PE cell detects the leading edge of the tray and, as it moves through the web of film, the trailing edge. Here the time delay is introduced to allow the product to pass the welding bar.

- At the end of the time delay outfeed lifter assembly lifts the tray above the rollers and stops it. At the same time the welding bar descends to make the sleeve on the pack. In the meantime any approaching trays at the infeed are stopped by the PE actuating the infeed lifter frame and lifting the product off the infeed rollers.
- At the end of the weld/cut time the welding bar ascends ready for the next tray. In the meantime, the already sleeve wrapped tray is driven towards the shrink tunnel, goes through the heating and cooling stages to produce a firmly wrapped package.

Specifications (All dimensions in mm except "Film thickness")			60SITM25	60SITM35	60SITH35	80SITM35	80SITH35
Film	Max roll width	wf	580	580	580	780	780
	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 <sup>1)</sup>	wp	240 - 470	240 - 470	240 - 470	240 - 670	240 - 670
	Min-Max pack depth <sup>2)</sup>	dp	200 - 400	200 - 400	200 - 400	200 - 400	200 - 400
	Max pack height	hp	250	350	350	350	350
Packing Speed	Trays/min		12-22	12-22	12-22	12-18	12-18
Electrical Supply	Average power	kW	10	11	20	13	24
	Max power	kW	14	15	28	19	35
Available in 220/380/415, 3ph, N+E, 50/60Hz							
Compressed Air	Working pressure	kPa	600	600	600	650	650
	Consumption	NL/Cycle	14	15	15	25	25
		CFM	7	8	8	9	9

### 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) Depending on customers product range, different transfer tables maybe used between wrapper and tunnel. This will alter values of L.
- 4) Height is adjustable from 830mm up to 900mm. Extension possible on request.

Dimensions (All dimensions in mm)			60SITM25	60SITM35	60SITH35	80SITM35	80SITH35
Total System	Overall length <sup>3)</sup>	L	3520	3520	4320	4320	4320
	Width	W	905	905	905	1105	1105
	Infeed height <sup>4)</sup>	Hi	830	830	830	830	830
	Outfeed height <sup>4)</sup>	Ho	830	830	830	830	830
Wrapper	Height	Hw	1840	1840	1840	1840	1840
Shrink Tunnel	Height (min)	Ht	1620	1720	1750	1720	1750
Outfeed Roller	Length	Lo	750/1500	750/1500	750/1500	750/1500	750/1500
	Width	Wo	500	500	500	700	700

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

