autopack

Continuous Motion Overlap Seal
Inline infeed on Multilane with Cardboard pad

Safe

Versatile

Easy to use

Economical

Autopack SIC CMOS is a Continuous Motion Overlap Seal bundle shrink wrapper with Inline infeed on Multiple lanes and Cardboard insertion, designed for handling all product types that can be accumulated (i.e. bottles, cans, cartons) from all industry sectors. It operates on single track only with pad but can be also set for film only operation in the same configuration as Autopack's SIM CMOS.

Inline infeed

Single track on pad

90 degree or Inline outfeed

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

Standard Features

- Quick & Easy changeover
- Speed up to 32 ppm
- Cardboard inserter
- Integrated Control & User friendly HMI
- Printed film registration device

Optional Features

- Multiple tracks without pad
- Tear strip perforation device
- High product stabiliser
- Diverter / Splitter
- Tunnel 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

Inline infeed on Multilane with Cardboard pad

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.
- Once the groups of products are on the grouping area, motorized flight bars will advance the groups successively onto the pad insertion area and then the film feeding area where film feeding and cutting units prepare to feed and cut the film according to preset film length. The groups are then moved to overlap area and wrapped around which forms a sleeve under the packs.
- 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.
- This operation is single track only (running with pad). However, SIC can be configured to run double or triple tracks with film only. Contact your Autopack representative for further details on possible machine configurations and compatibility with your project's specifications.

Specifications (All parameters in mm except "Film thickness")			**50SIC** H25 / H35	**70SIC** H25 / H35
Film	Max roll width	**wf**	500	700
	Film thickness (µm)	**tf**	35 < tf < 100	
	Max roll dia	**df**	320 or max roll weight 40kg (whichever comes first)	
Pack Size [1]	Max pack width	**wp**	400	500
	Max pack depth	**dp**	320	320
	Max pack height	**hp**	350	350
Packing Speed [2]		**Packs/Min**	up to 32	up to 32
Electrical Supply	Average power	**kW**	20	24
	Max power	**kW**	28	34
Available in 220/380/415, 3ph, N+E, 50/60Hz				
Compressed Air	Working pressure	**kPa**	500	600
	Consumption	**NL/Cycle**	28	32.3
	(@ 25 cycles/min)	**SCFM**	24.5	28.5

Dimensions (All parameters in mm)			**50SIC** H25 / H35	**70SIC** H25 / H35
Total System	Overall length	**L**	5300	5300
	Width	**W**	800	1000
	Height	**H**	1920	1920
	Infeed height [3]	**Hi**	850	850
	Outfeed height [3]	**Ho**	850	850

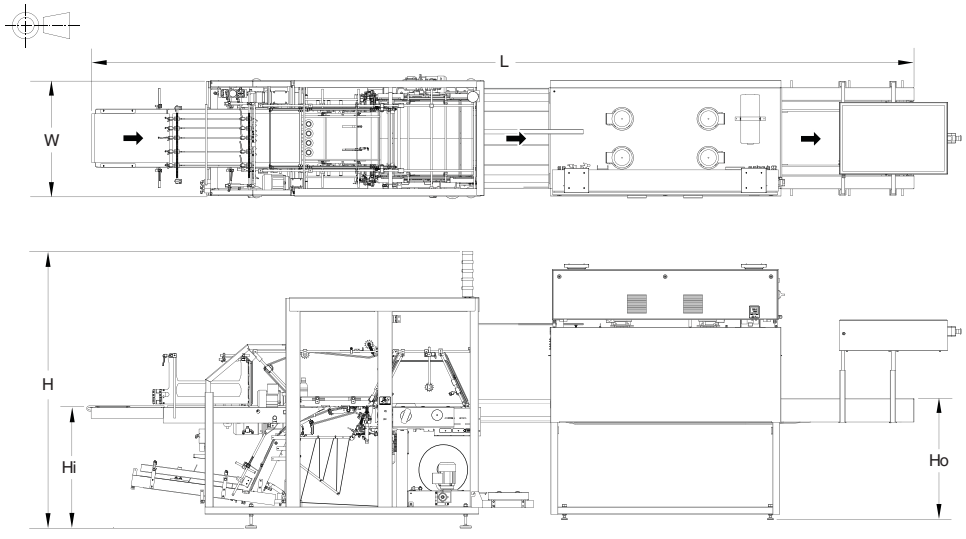
Above parameters are constantly reviewed and updated and may vary from project to project depending on customers requirements.

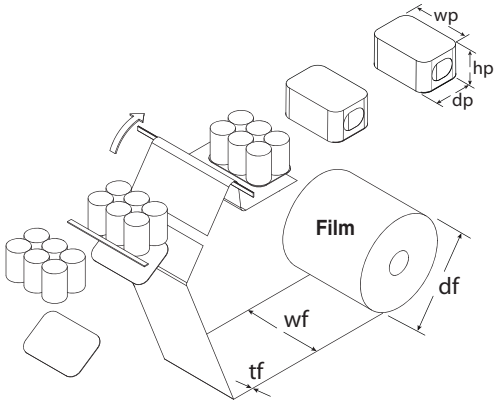
Note:

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 final speed is very much dependent on the shape size of the product as well as the size of the collation.

3) Adjustable infeed/outfeed height from 850mm up to 900mm. Extension possible on request.





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