Bundle Shrink Wrapper

Continuous Motion Overlap Seal - Multilane Inline Infeed

Safe

Versatile

Easy to use

Economical

Autopack Continuous Motion Overlap Seal (CMOS) is a family of Bundle Shrink Wrappers capable of cycling twice the speed of Autopack standard Welding Bar machines.
It can run in single track using plain LDPE film producing large transport packs or 3 tracks using all over printed film to produce attractive retail multipacks at speed up to 135 ppm.
SIM can handle most cylindrical, rectangular or oblong shaped products whether in Food, Beverage and Dairy industries and also Cosmetic and Pharma thanks to its compact footprint.

Multilane infeed

1 - 3 track operation

90 degree or Inline outfeed

The Autopack Package :

Faster - Smaller - Better Pack - Less Energy

Standard Features

- Bottom overlap seal
- Quick & Easy changeover
- Speed up to 45 ppm (single track)
- Up to 135 ppm (triple track)
- Integrated Controls - User friendly HMI
- Printed film registration

Optional Features

- 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

CMOS-SIM
V18907

Continuous Motion Overlap Seal Shrink Wrapper with Multiland Inline infeed

Operation

- Products arriving on Autopack infeed are sorted into lanes by moving guide or (optional) lane divider (in case of rectangular shaped containers). Here they accumulate until the lanes are filled to preset distance. This triggers gating system to release a preselected matrix of product into the grouping area. Depending on product size & format this could be in up to 3 parallel groups.
- Once in grouping area, a motorized flight bar will advance the collation forward. At the same time film feeder starts to dispense the film which is later introduced under the pack as the pack crosses into the overlap area.
- When a preset quantity of film is fed, the film is cut and the flight bar will wrap it around, finishing with an overlap under the pack as it is transferred onto shrink tunnel conveyor. The wrapped groups of product 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". At the same time the film is partially fused at the bottom overlap area.
- 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")			**50SIM H25 / H35**	**52SIM H25 / H35**	**70SIM H25 / H35**	**72SIM H25 / H35**
Film	Max roll width	**wf**	500	490	700	680-690
	Film thickness (µm)	**tf**	35 < tf < 100			
	Max roll dia	**df**	400 or max roll weight 40kg (whichever comes first)			
Pack Size [1]	Max pack width	**wp**	400	200 [2]	500	250 [2]
	Max pack depth	**dp**	300	200	320	200
	Max pack height	**hp**	250 / 350	250 / 350	250 / 350	250 / 350
Packing Speed [3]		**Packs/Min**	up to 45	up to 90	up to 45	up to 135
Electrical Supply	Average power	**kW**	18	18	23	23
	Max power	**kW**	26	26	32	32
Available in 220/380/415, 3ph, N+E, 50/60Hz						
Compressed Air	Working pressure	**kPa**	500	500	600	600
	Consumption	**NL/Cycle**	3.2	3.2	3.6	3.6
		CFM	5	5	5.8	5.8

Dimensions (All parameters in mm)			**50SIM H25 / H35**	**52SIM H25 / H35**	**70SIM H25 / H35**	**72SIM H25 / H35**
Total System	Overall length	**L**	5300	5300	5300	5300
	Width	**W**	800	800	1000	1000
	Height	**H**	1920	1920	1920	1920
	Infeed height [4]	**Hi**	850	850	850	850
	Outfeed height [4]	**Ho**	850	850	850	850

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

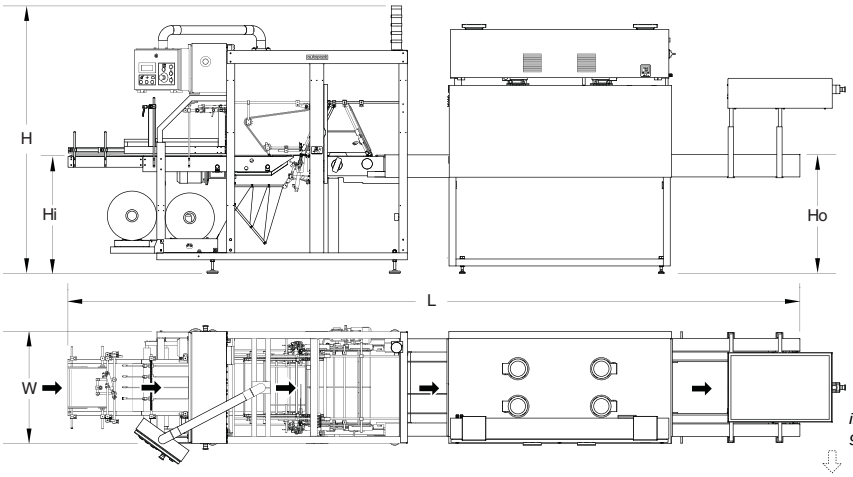
Note:

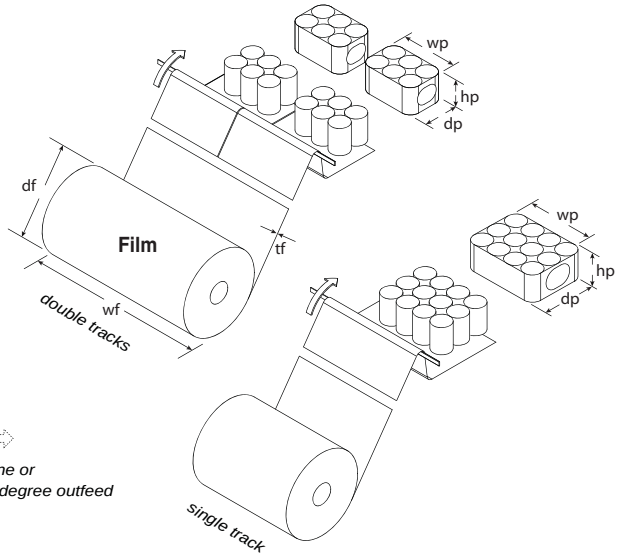
1) Maximum stated pack width can only be achieved if the pack depth and the height are not at their maximum. In general as the pack depth or height goes up, then for a given film size, width of the pack must decrease.

2) Stated pack widths (and consequently pack depth and height) are based on double track mode. For triple track operation, max pack width will be reduced. Contact Autopack or your local representative for more information.

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

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





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