AUTOPACK Shrink Packaging Systems

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Safe

Versatile

Easy to use

Economical

This is a fully automatic Tray Packing machine designed for in-line operation. Its primary function is to collate product into desired format, load it onto a cardboard tray pre-formed from the blank, then eject it into the infeed of SIT tray shrink wrapper.

Fully automatic tray erecting and gluing, product collation and loading
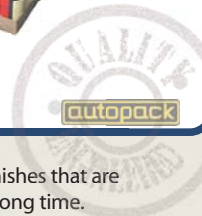
The Autopack Package : Faster - Smaller - Better Pack - Less Energy

Standard Features

- Integrated Controls and user-friendly HMI
- Stainless Steel finish
- Speeds up to 20 trays / min
- Nordson Hot Melt Gluing System
- Adjustable in 5 minutes with use of quick release handles for adjustments and clip in change parts
- Occupy up to 15% less floor space and uses less energy

Optional Features

- Product splitter infeed
- Pneumatic diverter
- High Product stabiliser
- Outfeed drive conveyor

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

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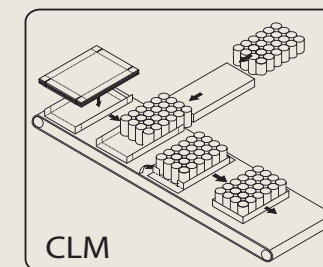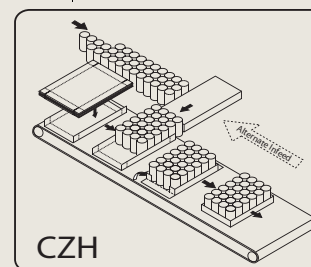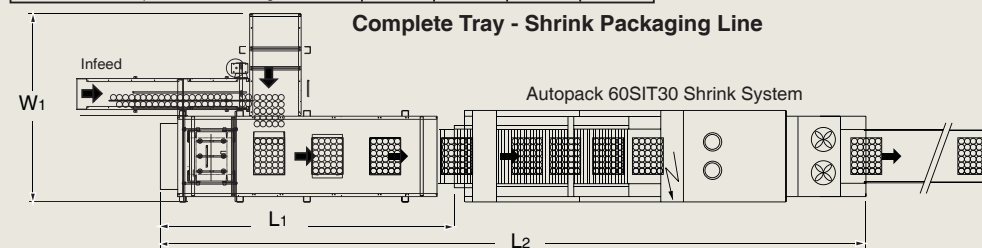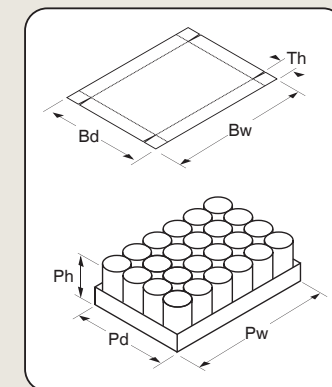## Fully Automatic Tray Erecting & Gluing product Collation and Loading

Operation

- After up line processing, product containers are fed into the grouping section where the desired pack is formed. Depending on speed required, single or multiple infeed maybe used.

- While the product is being collated, the tray index system prepares the tray. First, the blank is drawn from the magazine, formed into a "U" then placed between the fingers on the carrier chains.

- Next the "U" is advanced to the loading station to merge with the product. Here the now-ready collation is transferred onto the cardboard "U" and when completed, the chain is indexed forward.

- During the indexing, the corner flaps are folded and held in position, but the side flaps are left horizontal until the final.

- As the chains carrier is indexed again, hot melted glue is applied onto the side flaps. The position and length of the glue patch is accurately controlled by the PLC program.

- Upon stopping at the last station, the end flaps are folded up and held firmly in place until the glue is firm enough for the tray to be indexed again and dispensed onto the infeed of the shrink wrapper.

Specifications			60CZH	60CLM	80CZH	80CLM
Tray	Max blank width	Bw	320-520	320-520	340-720	340-720
	Max blank depth	Bd	250-410	250-410	270-510	270-510
	Max tray height	Th	40-70	40-70	40-70	40-70
Pack Size	Pack width	Pw	220-420	220-420	240 - 620	240 - 620
	Pack depth	Pd	150-300	150-300	170-410	170-410
	Pack height	Ph	50-300	90-200	50-370	90-200
Speed		trays/min	13-17**	15-19**	12-15**	13-17**
Supplier	380/415V 3 phase / Neutral / Earth		10 A/ ph	10 A/ ph	10 A/ ph	10 A/ ph
	Average power consumption		2.5 kW	2.5 kW	2.5 kW	2.5 kW
Air Consumption	Air pressure	kPa	600	600	600	600
	Air usage per tray	Nl	27	27	27	27
	Air usage @ 12 trays / min	cfm	11	11	11	11

Dimensions			60CZH	60CLM	80CZH	80CLM
	Machine height		1855	1855	1855	1855
	Min.operating height		830	830	830	830
	Machine width	W1	2000	2275	2050	2500
	Tray packer lenght	L1	2180	2180	2590	2590
	Complete shrink line lenght	L2	7000	7000	7410	7410

Complete Tray - Shrink Packaging Line

Infeed

Autopack 60SIT30 Shrink System

CZH

CLM

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