

autopack

Cardboard Tray Packer Side Infeed Multilane

Safe

Compact

Easy to use

Economical



Autopack CLM is a fully automatic cardboard tray packing machine with multilane side infeed, ideal for cans, bottles jars or indeed multipacks. It features flight bar system for product grouping and smooth transfer onto preformed tray. CLM infeed can be easily adjusted for individual products or multipacks coming from upstream Autopack Shrink bundler. Autopack CLM is one of the most economical and compact tray packers available on the market for speeds up to 20 trays/min.

Multilane infeed



Side loading with flight bar pusher



Direct connection to Shrink Wrapper



The Autopack Package :Faster - Smaller - Simpler - Better Pack

Standard Features

- Stainless steel construction
- Speed up to 20 trays / min
- Flight bar pusher
- Integrated Control
- User friendly HMI
- Hot Melt Gluing System

Optional Features

- Infeed with product splitter
- Package turning device
- Full pack detection with camera



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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Operation

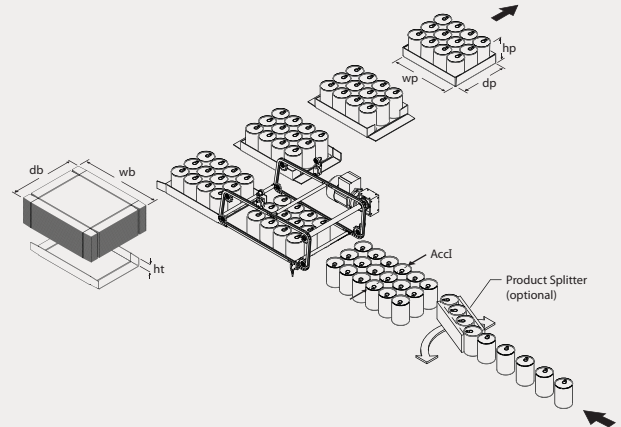
- Products come from upstream and are distributed on single or multilanes either by accumulation or using a lane divider (optional). Products are then transferred to collating area by flight bar pusher while the tray index system prepares the tray. The blank is drawn from the magazine, formed into a "U" then placed between the fingers on the chain carrier.
- The chain carrier then indexes the tray to the loading station to merge with the products. Once the products are transferred onto the tray, the chain carrier indexes forward to the next station where inner corner flaps are folded and held in position during next indexing.

- During indexing, hot melted glue is applied onto the external flaps, glue shooting from top. The position and length of the glue patch is accurately controlled by the PLC program.
- The collation is then indexed to the last station where the external flaps are folded up onto the inner flaps and held firmly in position until the glue is firm enough for the tray to be indexed again and released onto outfeed conveyor or infeed of the shrink wrapper if any.

Specification	(All parameters in mm except "Film thickness")	60CLM	80CLM	81CLM
Tray Size	Max blank width wb	560	760	760
	Max blank depth db	430	430	430
	Min-Max tray height ¹⁾ ht	30-300	30-300	30-300
Pack Size	Pack width / Flap <70mm wp	170-400	170-600	170-600
	Pack width / Flap <105mm wp	170-330	170-530	170-530
	Pack width / Flap <140mm wp	-	170-460	-
	Pack depth ²⁾ dp	120-320	120-410	120-320
	Pack height hp	50-230	50-230	50-230
	Max Pack width + height dp + hp	480	480	480
	Pack Depth ²⁾ Accl	425	425	425
Packing Speed ³⁾	Trays/min	15-20	13-20	13-20
Electrical Supply	Average Power kW	2.5	2.5	2.5
	Max Power kW	6	6	6
Available in 220/380/415, 3ph, N+E, 50/60Hz				
Compressed Air	Working pressure kPa	550	550	550
	Consumption NL/Cycle	26	26	26
	CFM	3	3	3

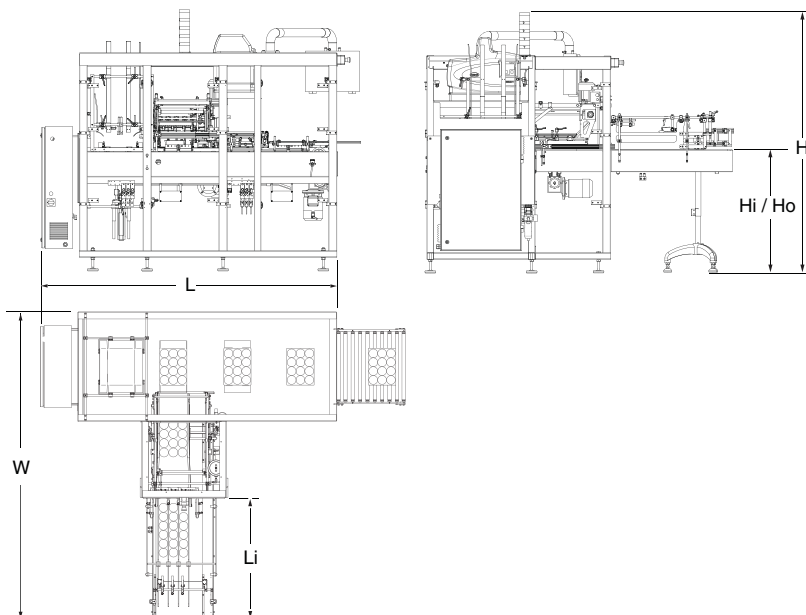
Dimension	(All parameters in mm)	60CLM	80CLM	81CLM
Total System	Machine height ⁴⁾ H	1855	1855	1855
	Min. operating height ⁴⁾	850	850	850
	Machine width W	2400	2600	2600
	Tray packer length L	2610	3020	2610
	Infeed conveyor length Li	900	900	900
	Infeed height Hi	850	850	850
	Outfeed height Ho	850	850	850

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



Note:

- 1) Minimum tray height can be as low as 30mm providing special preparation of cardboard. Also maximum tray height can be increased with special features such as inclined blank magazine and adapted blank extraction mechanism. Please contact us to discuss more details.
- 2) Minimum pack depth can be as less as 60mm with special machine design. Please contact us to discuss more details.
- 3) Packing speed depends on product depth and width, as well as the number of products on tray.
- 4) Height is adjustable from 850mm up to 900mm. Extension possible on request.



Example of Complete System
CLM Tray Packer
SLN Shrink Wrapper

