

## 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](http://www.autopack.com)

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### Operation

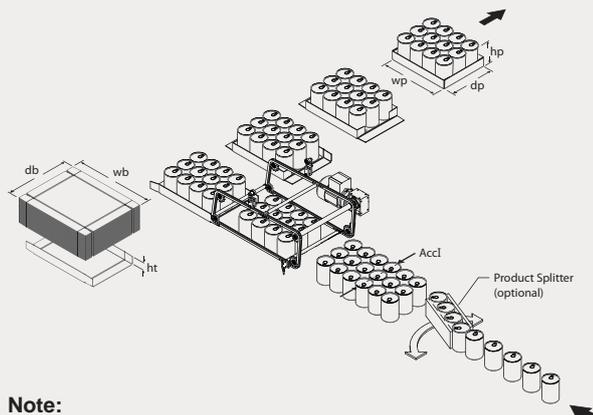
- Products come from upstream and are distributed on single or multilanes either by accumulation or using a lane divider (optional). Products are then transferred to collating area by flight bar pusher while the tray index system prepares the tray. The blank is drawn from the magazine, formed into a "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)	60CLM	80CLM	81CLM
<b>Tray Size</b>	Max blank width	wb	560	760
	Max blank depth	db	430	490
	Min-Max tray height <sup>1)</sup>	ht	30-300	30-300
<b>Pack Size</b>	Pack width / Flap <70mm	wp	170-400	170-600
	Pack width / Flap <105mm	wp	170-330	170-530
	Pack width / Flap <140mm	wp	-	170-460
	Pack depth <sup>2)</sup>	dp	120-320	120-410
	Pack height	hp	50-300	50-300
	Max Pack width + height dp + hp		480	480
	Pack Depth <sup>3)</sup>	Accl	340	425
<b>Packing Speed <sup>4)</sup></b>	Trays/min	16-23	14-22	16-23
<b>Electrical Supply</b>	Average Power	kW	2.5	2.5
	Max Power	kW	6	6
Available in 220/380/415, 3ph, N+E, 50/60Hz				
<b>Compressed Air</b>	Working pressure	kPa	550	550
	Consumption	NL/Cycle	46	46
	(@ 10 cycles/min)	SCFM	16.2	16.2

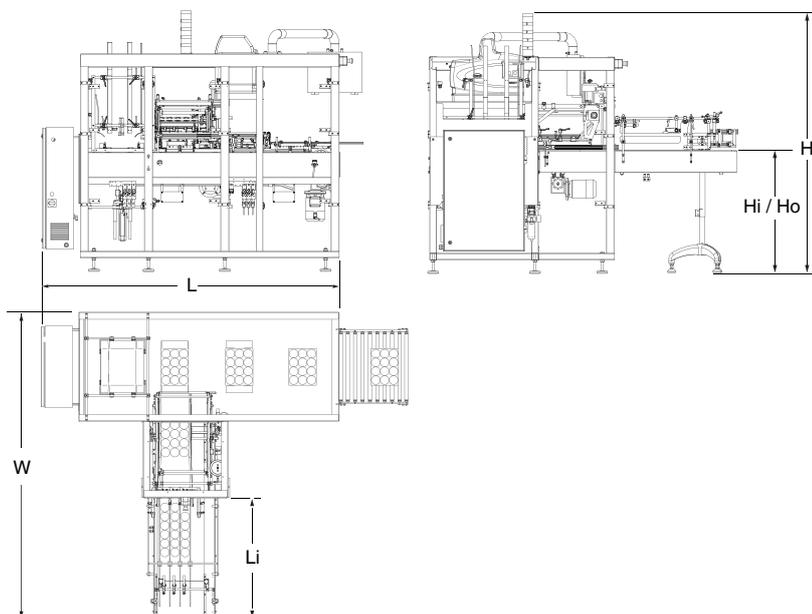
Dimension	(All parameters in mm)	60CLM	80CLM	81CLM
<b>Total System</b>	Machine height <sup>5)</sup>	H	1855	1855
	Min. operating height <sup>5)</sup>		850	850
	Machine width	W	2400	2600
	Tray packer length	L	2610	3020
	Infeed conveyor length	Li	900	900
	Infeed height	Hi	850	850
	Outfeed height	Ho	850	850



#### 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) Max across infeed width can be 425mm (standard) or 595mm (oversize).
- 4) Packing speed depends on product depth and width, as well as the number of products on tray.
- 5) Height is adjustable from 850mm up to 900mm. Extension possible on request.

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



Example of Complete System  
CLM Tray Packer  
SLN Shrink Wrapper

