

Wrap Around Cardboard Case Packer with Horizontal Collation

Safe**Compact****Easy to use****Economical**

Autopack Wrap Around Cardboard Case Packer is an upgrade from Autopack earlier Tray Packer to be able to reply to demand from customer for full corrugated cardboard packing. It is available in various configurations to handle different product shapes such as cans, bottles, cartons, single products or multipacks. The Autopack Wrap Around Cardboard Case Packers can reach speed up to 21 cases/min and are among the most compact intermittent machines available on the market.

Product collating & loading**2-step consecutive case folding****Zero use of plastic film****The Autopack Package :Faster - Smaller - Simpler - Better Pack****Standard Features**

- Stainless steel construction
- Integrated Control
- User friendly HMI
- Hot Melt Gluing System

Optional Features

- Infeed with product splitter
- Stacking of products
- Product stabiliser
- Pneumatic or overhead pusher
- Internal or external joining flap
- Remote access via router



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.

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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 reach collating area where pusher system will prepare the desired collation to be ready for loading into the blank.

● For that purpose, the case index system prepares the case: 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 blank to the loading station to merge with the products. Once the products are transferred onto the blank, the chain carrier indexes

forward to the pre-fold station where inner corner flaps are folded and held in position while top flap will be partially folded.

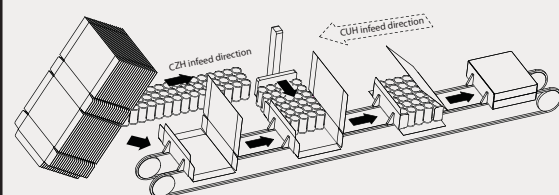
● During next indexing, in between the third and fourth station, hot melted glue is applied onto the corner flaps and the top joining flap. The position and length of the glue patch is accurately controlled by the PLC program.

● Right after hot melt glue is applied at the last station, the external side flaps and the top joining flap are pressed and held firmly in position until the glue is dry and firm enough for the case to be indexed again and released onto outfeed conveyor.

Specification (All parameters in mm)		65CUH / 65CZH	85CUH / 85CZH	86CUH / 86CZH
Blank Size	Max Blank Width	wb 560	760	760
	Max Side Flap Height	Hsf 100	135	100
	Min Side Flap Height	Hsf 40	40	40
Pack Size	Pack Width @ Flap <100mm	wp 200-330	200-530	200-530
	Pack Width @ Flap <135mm	wp -	200-460	-
	Pack Depth ¹⁾	dp 120-300	120-410	120-300
	Pack Height	hp 80-220	80-300	80-220
	Pack Depth + Height	dp + hp 630	630	630
	Max Across Infeed ²⁾	Accl 340	425 or 595	425 or 595
Packing Speed ³⁾	Cases/min	5-21	5-20	5-21
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 47	47	47
	(@ 10 cycles/min)	SCFM 16.7	16.7	16.7

Dimension (All parameters in mm)		65CUH / 65CZH	85CUH / 85CZH	86CUH / 86CZH
Total System	Machine height	H 1850	2050	2050
	Min. operating height	830	630	630
	Machine width	W 1600	1800	1800
	Case packer length	L 2610	3020	2610
	Min infeed conveyor length	Li 1715	1715	1715
	Infeed height	Hi 830-1150	630-1150	630-1150
	Outfeed height	Ho 830-1150	630-1150	630-1150

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



Case Packing Process (CZH)

Note:

- 1) Minimum pack depth can be as less as 60mm with special machine design. Please contact us to discuss more details.
- 2) Max across infeed width can be 425mm (standard) or 595mm (oversize).
- 3) Packing speed depends on product depth and width, as well as the number of horizontal collations.

