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**CAM** ALWAYS BY YOUR SIDE

# HV

**HIGH SPEED  
CONTINUOUS  
MOTION  
HORIZONTAL  
CARTONER**







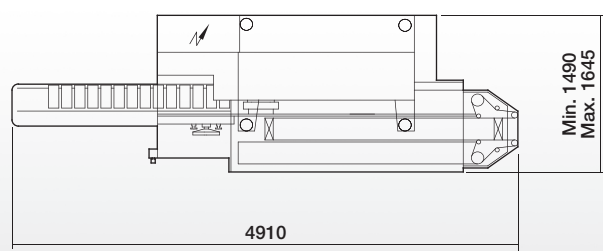
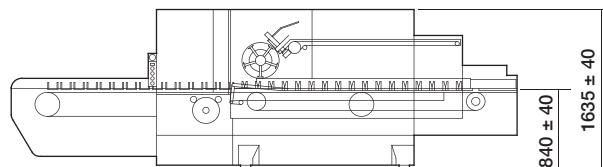
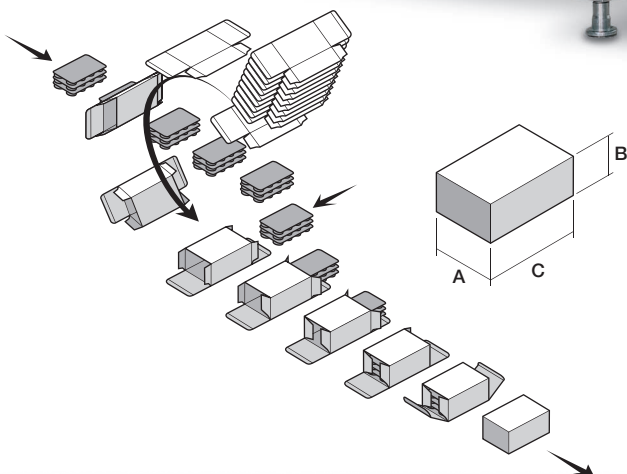
**CARTON  
PRE-BREAKING  
TO BE  
CARRIED-OUT**





# HV

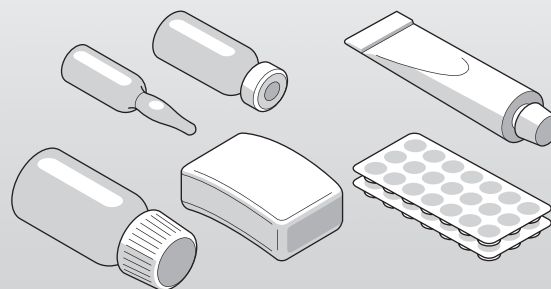
## HIGH SPEED CONTINUOUS MOTION HORIZONTAL CARTONER



TECHNICAL DATA		HV/1	HV/2
Mechanical speed	STROKES/1'	400 (Max.)	260 (Max.)
Motors	KW	4.25	4.25
Power absorption	KW	5.20 (Hot-melt + 3.9)	5.20 (Hot-melt + 3.9)
Air consumption	NI/1'	16.9	16.9
Air pressure	bar	5-6	5-6
Gross weight	kg	~3000	~3000
Net weight	kg	~2500	~2500

Size range	HV/1	Min.	Max.	HV/2	Min.	Max.
A		20	95	20	160	
B		12	70	12	70	
C		70	230	70	230	
A + B		-	165	-	220	







The operator side of the **HV** is perfectly linear and accessible, allowing carton magazine loading to be carried-out with convenience and with large carton storage capacity. This feature also gives the operator full vision and total control of all the functions carried-out on the machine.

The cantilever structure, separating the mechanical transmission from the product/carton handling areas, guarantees total accessibility for machine inspection purposes and immediate elimination of product/pack-

aging material residue, in compliance with GMP norms. The exclusive carton erection system incorporating a continuous motion 5-station turret, each station separately driven by closed-profile cams for carton pick-off at zero speed, allows for total and progressive carton pre-breaking to be carried-out in a time period longer than the machine cycle.

Each carton erection station is composed of two suction-cup arms which, by pulling externally on the two





adjacent faces of the carton, guarantee positive opening, whatever board grammage is used and even in the case of handling square-section formats.

The product transport buckets, moving following a cam profile are inserted into the cartons, allowing perfect introduction even when handling products with irregular shape/dimensions.

The possibility to adopt pusher upper blades with differentiated stroke, enables perfect introduction of leaf-

lets/booklets and other similar items into the carton, independently from the characteristics of the product to be handled.

The wide range of product feeders available covers all possible packaging requirements of the Pharmaceutical, Cosmetic and Food Industries.

CAM has recently developed and patented a new carton closure system, that grants the possibility of: carrying out format change without requiring the services





of a specialized technician; eliminating fine tuning time related to the closure area; and absolute quality consistency of the final package.

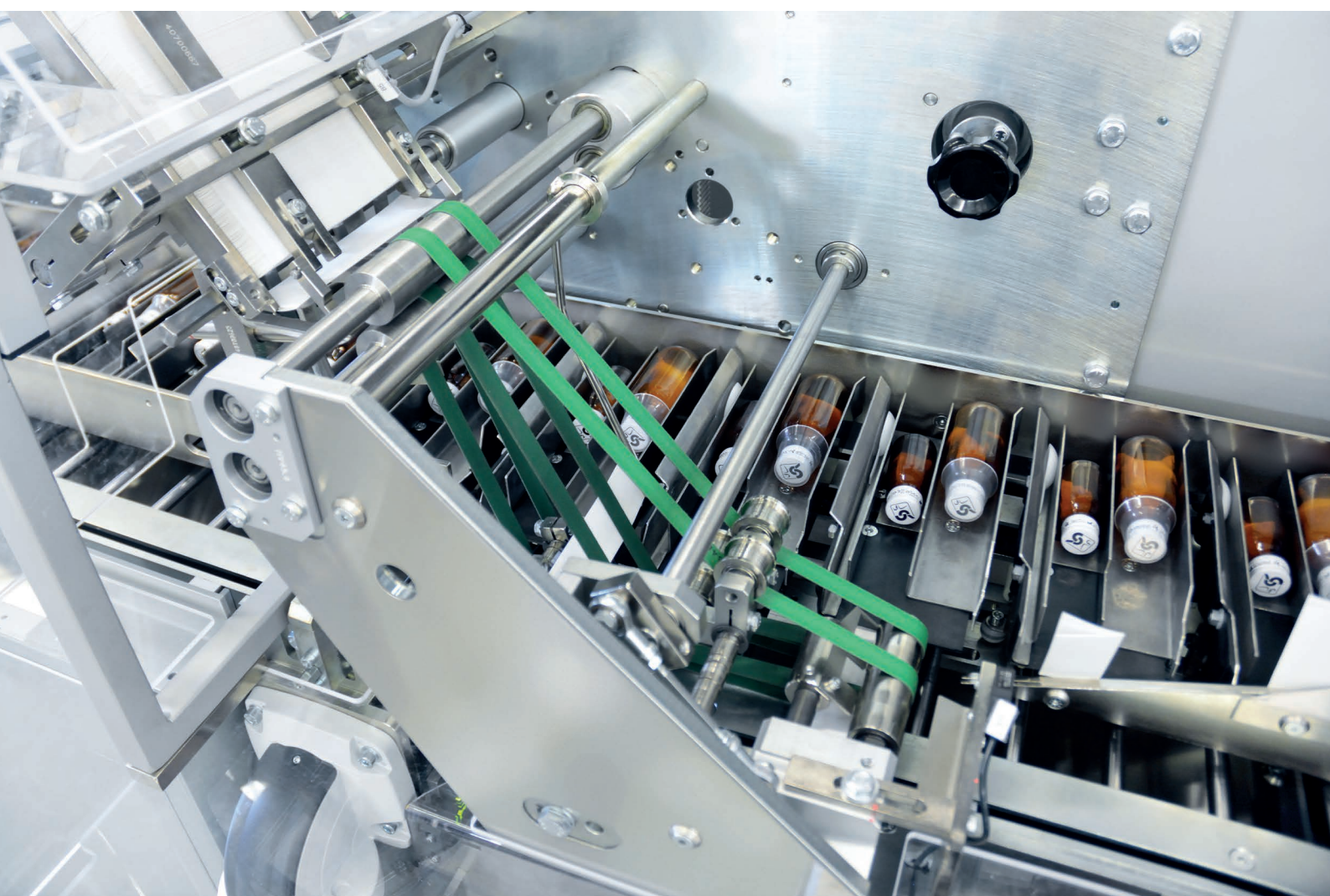
**HV** can be provided with **HYDRA**, the system that guarantees flawless process handling, even if a single function module element is out of service.

As on all CAM machinery, the **HV** is also equipped with the **Mechanical Memory®** system, transform-

ing complete size change-over into a series of rapid and pre-set operations, which can be carried-out by unskilled personnel in less than 10 minutes, eliminating the need for fine-tuning adjustments and allowing size change-over to coincide with actual production change-over.









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# COMPLETE PACKAGING LINES

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