

CPV15/20

TOP LOADING CASE PACKER



CPV15/20

The CPV15/20 is a medium/high speed top loading case packer series specifically designed to handle a wide range of products. These machines have been developed in response to market requirements such as the cantilever design of the structure and the extremely compact footprint. Great emphasis has been given to the machine accessibility, easy cleaning and ergonomic position of all components.

On the CPV Series, all the parts of the machine can be reached from the operator's side without having to walk to the opposite side to reach the product collating station.

In order to be as "operator friendly" as possible the case erecting mechanism is designed to ensure a low positioning of the horizontal case magazine which also gives greater autonomy.

The CPV15/20 is entirely driven by servo-motors which means dedicated strokes and motions for each specific application.





Servo technology and innovative solutions allow the smooth handling of difficult and unusually shaped products (bottles, bags, roll-ons etc).

As a standard, the machine is equipped with a 2-axis robot to insert the collation into the case. For special applications, it is possible to use a 4 or a 6-axis robot.

The case is positively erected and moved to the closing station by a set of reciprocating lugs.

The CPV15/20 machines can be integrated with the new Palletizers: RP2, with two pallet stations or RP4, with four pallet stations.

SIZE CHANGEOVER

The changeover between loose bottles and bundles (same size) can be done in a few minutes.

A complete changeover takes 15-20 minutes without using tools. On the CPV Series a 100% automatic size changeover is available.



CPV15/20



CASE MAGAZINE

The horizontal magazine allows good accessibility for easy loading. Proper cases feeding to the picking area is ensured by bottom driven toothed belts. Possibility to extend magazine capability.



CASE OPENING AND FOLDING

Forced opening of the case is carried out by means of two arms two arms equipped with suction cups keeping the case erect during product insertion for reliable operations even in case of square shippers or low quality material.



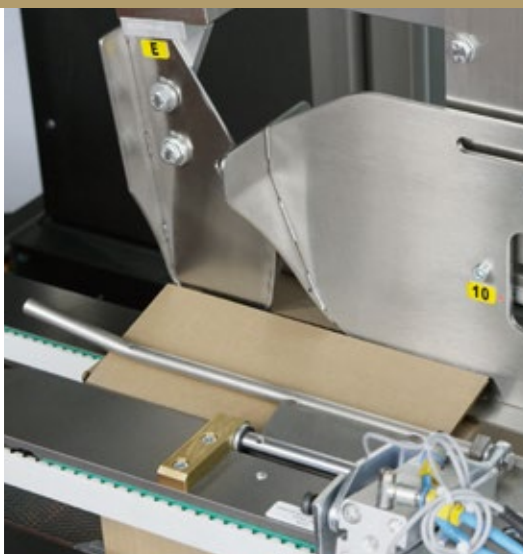
PRODUCT COLLATION

Different servo driven collation methods are available according to the kind of product to be handled even at high infeed speed.

MODULARITY

Thanks to the modular concept at the heart of the CPV20, ancillary modules can be incorporated for aggregation purposes or to feed additional products such as tags, informative leaflets or medication guides.





PRODUCT INTRODUCTION

CPV Series can be easily equipped with modules allowing for smooth handling of different products: the 6 axis robot for instable or difficult to handle products and a 2 axis loading system for stable or bundled products.

A driven movable hopper follows the products collation up into the case and ensures the correct layer introduction inside the case.

CASE CLOSING

Case closing can be done either with hot melt glue or with adhesive tape with positioning of the reels in a very accessible area for easy replacement always from the operator's side.

Driven motors facilitate the smooth unwinding of tape even in case of very hard material. The case is positively transported through the taping unit.

TRACK & TRACE EXPERT

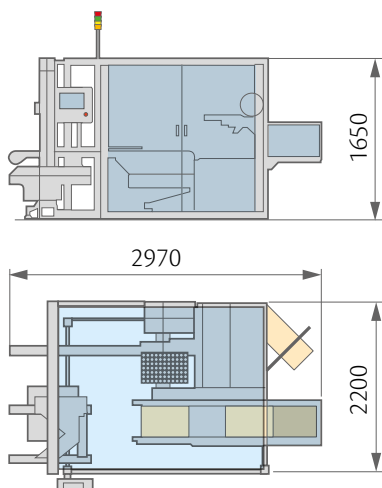
The Track & Trace is a process of association of unique codes to a complex product traceability system. We take care of this process during the whole packaging line: from the serialization of the primary pack to the aggregation on pallet.

IMA has adopted an Open Policy that allows the integration of any vision systems, and thanks to a consolidated partnership with the most important vision system suppliers, it has designed its machines in a T&T oriented perspective. Every single packaging phase is optimized to eliminate the possibility of errors during the serialization and aggregation process.

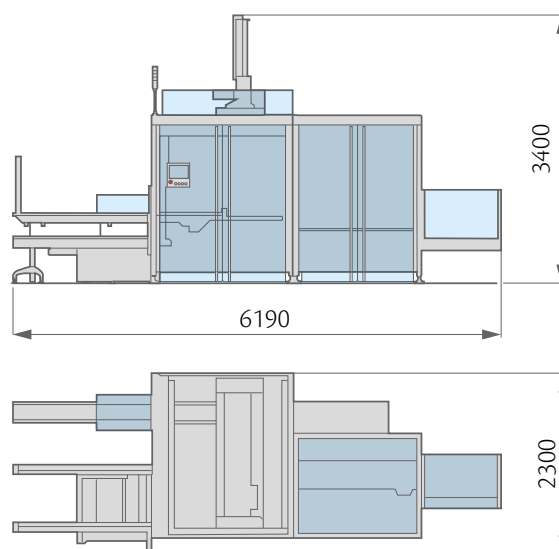


TECHNICAL DATA

CPV15

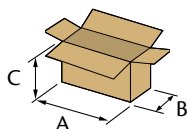


CPV20



OPTIONAL GROUPS

- HOT MELT CASE CLOSURE
- BOOKLET FEEDING SYSTEM (WITH CPV20)
- 100% AUTOMATIC SIZE CHANGEOVER
- CHECKWEIGHING
- DETECTION OF OPEN FLAPS
- ANCILLARY EQUIPMENT



CPV15/20
UP TO 20 CASE/MIN



RP2
(2 pallet stations)
UP TO 8 CYCLES/MIN



RP4
(4 pallet stations)
UP TO 10 CYCLES/MIN

CPV15	A	B	C
Case dimensions (MIN)	190	80	100
Case dimensions (MAX)	600	400	350
Production speed	15 case/min.		

CPV20	A	B	C
Case dimensions (MIN)	150	140	90
Case dimensions (MAX)	520	400	300
Production speed	20 case/min.		

SALES AND SERVICES

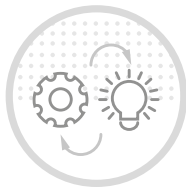
IMA BFB goal is to become a partner for its customers. To respond to every requirement with customised solutions and guarantee maximum flexibility and professionalism.

The relationship IMA BFB builds with its customers does not end with a sale. With after-sales service tailored to the customer's specific needs, it lasts for the duration of the machine's lifespan. That's why IMA BFB can count on high levels of customer retention around the world.



SUPPORT SERVICES

- Telephone online
- On site service
- Remote support assistance
- Production support
- Relocation service
- Spare parts



PRODUCTION SERVICES

- Mechanical and electrical upgrades
- Technical audit



MAINTENANCE SERVICES

- Single inspection by technician on site
- Remote experts consultation
- Maintenance optimization strategy
- On site practical maintenance training



TRAINING SERVICES

- Training programmes



FORMAT PARTS SERVICES

- Format parts



IMA REMOTE ASSISTANCE SOLUTIONS

IMA Digital Service Solutions aim to offer remote support and to restore production quickly. Through selected tools, an IMA expert remote is able to promptly support the resolution of technical problems occurred on the machine.

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