

# CP101

Top loading cartoning solution using the Pick & Place cartesian system with forming, filling and closing of cases in a single monoblock.



The **CP-101** is a top loading, compact and flexible case packer with Pick & Place cartesian system for forming, filling and closing cases or exhibitor cases in a single monoblock with. The filling of cases is performed by a pick & place mechanism with a simple gripping head with speed which is adjustable according to product type. The system is expandable depending on the required production output.

With this cartoning, the market needs in automating the end of line products whose irregular or unstable forms are not readily manageable at high production volumes are catered to.

## Characteristics

- > Available with simple product entry.
- > Incorporating an average speed indexing system that achieves yields of upto 150 products per minute.
- > Quick format change.
- > Compact and ergonomic design.
- > Easy access and cleaning of all parts.
- > PackML standard programming.
- > Flexible solution.
- > Unit for forming, filling and closing of case.

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## Forming of case

The forming of the case, from a sheet of flat cardboard, is carried out quickly and easily by the combined downward movement of a special mould prepared for this purpose, which will be suitably glued for folding the flaps together. There is also the option of seaming or joining the flaps intersection between them, without application of hot glue.

## Loading station

Fed by a controllable indexer that is correctly positioned to transport the top loading mechanism to the inside of the case or tray packaging

## Locking station

A server controlled mechanism which transforms folding, gluing and closing of the top flaps of the case into a simple and quick movement  
Several closing options are available, depending on the shape and composition of the kits

PRODEC has brought together in one unit, forming, filling and sealing functions of exhibitor displays or cases, with outstanding design features and functionality that are detailed below:

## Compact design

All the functions described are developed in a unique monoblock, occupying a small and simple handling space for the operator. Robust and transparent from any constructive conception angle, it allows one to observe all mechanisms and operational functionality from the outside.

## Accessible

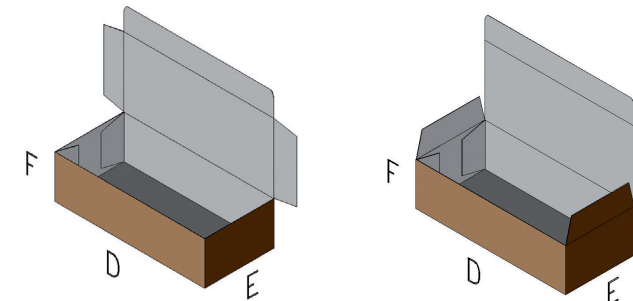
The clean, open design without mechanical barriers, greatly simplifies all interventions required on the equipment, whether by a change in format or a simple cleaning and maintenance regulation or routine.

## Flexible

Its advanced concept allows an expansion of its functions or increasing workstations to suit the required production needs, both in forming and filling.

## Technical information

Case former	Integral
Feeding ramp	1
Locking mechanism	Integral
Speed	150 ppm
Color	Metallic gray
D	230
E	150
F	150



## Ergonomics

We have used specific design methods for its development to optimize the comfort and convenience of staff working on the machine.

## Information Management

A powerful software developed by our technical team allows you total control over the device functions. You can also perform simple formatting changes through the incorporated touch screen. Through this, it is possible to verify production efficiency for shifts or slots, making it an effective analytical instrument. It is ready to integrate various lines of work according to the standard OMAC.



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