



1. Boxes availability: no need to procure and stock boxes of different sizes - boxes are created unique to the products being packaged - in realtime

2. Less warehouse space required - only FANFOLD to be stored

3. No risk of not having the correct size box in stock

4. Reduced material costs since box is custom made according to product being shipped

5. Dramatically reduce or eliminate the need for filler materials

6. Less environmental impact

7. Increased packaging productivity and efficiency through automation

8. PACKVERTIZING



PC ADD CONTROLLER

PC ADD is CMC developed Line Controller available in all main international languages for:

Document handling

- Barcode readers (matching, tracking, sequence control, no read, lot control)
- Addressing
- Sorting
- Read & Print

Data Integrity

- Reports
- Logs
- Database update

Management of

File-based production

- Selectivity
- Printing of invoices and delivery notes
- Printing and despatch labels for the carrier

Management of

CMC line devices

- Feeders
- Rejects
- Ink-jet printers
- Labellers
- Weighing systems

CMC CARTONWRAP

TECHNICAL SPECIFICATION

MAXIMUM MECHANICAL SPEED:	1.000 Boxes/hr
MINIMUM BOX SIZE:	240x150x25mm
MAXIMUM BOX SIZE:	600x350x200mm

CMC CARTONWRAPXL

TECHNICAL SPECIFICATION

MAXIMUM MECHANICAL SPEED:	1.000 Boxes/hr
MINIMUM BOX SIZE:	240x150x35mm
MAXIMUM BOX SIZE:	800x600x215mm 490x600x370

CMC CARTONWRAP

Variable boxes on demand



AN AWARD WINNING TECHNOLOGY



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CMC CARTONWRAP

Variable boxes on demand

CMC CartonWrap is an automatic carton packaging system capable of creating dynamic cardboard boxes from a continuous fanfold corrugated.

Designed to address the needs of shippers, such as e-commerce and fulfillment companies, that need to procure and stock multiple size boxes to satisfy varying packaging needs.

This integrated solution is designed to help companies that use large amounts of boxes of different sizes, such as e-commerce and fulfillment companies that need to send out several boxes of different sizes according to the orders received.

CARTONWRAP produces boxes from a simple and inexpensive corrugated fanfold in realtime, each one unique to the products being boxed.

The real-time format change is managed automatically through product recognition or directly from a database ensuring high flexibility of processing. High productivity with speeds of up to 15 boxes per minute.

System can be expanded to add print systems for logos, trademarks or any other information directly to the box, further allowing each box to be unique. Labeling systems can be integrated according to shipping method needs.

Description of machine operation

01

Optionally, two pallets are recommended for splicing reduction downtime associated with changing the fanfold.

02 03

Box size is determined through management software and can be determined in several ways:
By Barcode readers
By an automatic product dimensioning system
By customer database files

This information is used to feed the precise length of material required for the box from fanfold feeder.

The corrugated cardboard is processed by the creasing and dynamic cutting system creating a blank to be formed.

The creasing and trimming system is controlled by multi-axes servo system that allows for both high precision and high speed.

The cutting module is comprised of 8 trimming segments to create all the panels and flaps of the box.

The automatic gluing system applies glue spots by means of hotmelt glue guns along the perimeter of the blank. The use of hotmelt glue allows immediate and long-lasting sealing.

The transversal cutting blade does the final cut of the reel, getting thereby fully shaped carton blank.

The first automatic forming station closes the side flaps and forms the product containment center flaps.

The forming module is self-adjusting according to each individual box being formed.

04

The semi-formed box is conveyed to the product deposit station, the size of the product having been previously detected by the software.

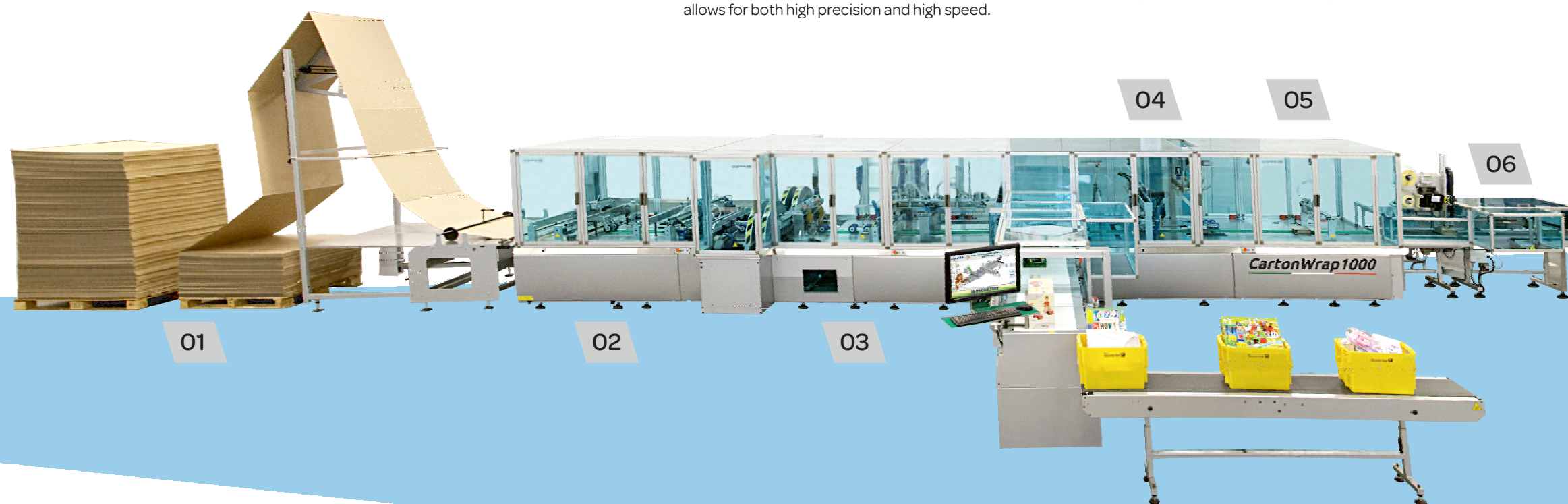
The semi-formed box containing the product is closed and the box to be finished.

05

Prior to closing the upper flaps, it is possible to add additional documents, such as marketing materials, invoices, return instructions, etc, through the use of optional feeders.

06

The completed package can also be optionally labeled according to shipping requirements and conveyed to a final palletizing area.



DOUBLE FANFOLD INPUT

Double fanfold input channel to minimize cardboard waste.

SELECTIVE ENCLOSURES

Up to 4 catalogues, brochures, leaflets, etc can be selectively fed into the box.

IN-LINE INVOICE PRINTER

Invoices can be printed and optionally folded on the fly and inserted into the pre-formed box.

PACKVERTIZING

CMC Unique Concept. Data Driven On demand Packaging and Advertizing.

BOX EASY OPENING

The box is perforated on the fly to facilitate the opening of the box. In this way the box is not damaged during the opening and can be used for returns.

