CMC CARTONWRAP

THE REVOLUTIONARY E-COMMERCE PACKAGING SOLUTION

abbe
packaging made easy

Exclusive Distributors for CMC Australia

CMC CARTONWRAP

CMC CartonWrap automated packaging system dynamically creates ready-to-ship boxes for the e-commerce fulfilment market.

The system produces 1.000 custom boxes per hour for single and multi-line orders using continuous fanfold corrugate.

This integrated solution is designed to help e-commerce and logistics companies improve productivity while optimising labour and shipping costs.

CMC CartonWrap measures and then automatically forms a perfect size box around each order.

This eliminates the need for void fillers and large amounts of different size boxes normally used.

Product dimensions scanned in the induct are used to feed the precise length of material required for the box from fanfold feeder.

MACHINE DESCRIPTION

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 multiaxes servo system that allows for both high precision and high speed.

Box is then formed, product inserted and panels sealed with low impact hot melt glue.

Prior to closing the upper flaps, it is possible to add additional documents, such as marketing materials, invoices, return instructions, etc thanks to CMC's best in class rotary feeders technology.

System can be expanded to add CMC Packvertizing print system for logos, trademarks or any other information directly to the box, further allowing each box to be unique and enhancing the customer experience.

Technical Specifications CARTONWRAP XS			
SPEED: 900 Boxes/hour			
Minimum box (mm)	150	100	30
Maximum box (mm) (MAXIMUM WIDTH)	600	300	110
Maximum box (mm) (MAXIMUM HEIGHT)	480	300	200

Technical Specifications CARTONWRAP			
SPEED: 1000 Boxes/hour			
Minimum box (mm)	240	150	30
Maximum box (mm)	600	350	200

Technical Specifications CARTONWRAP L			
SPEED: 900 Boxes/hour			
Minimum box (mm)	240	150	30
Maximum box (mm) (MAXIMUM WIDTH)	600	400	215
Maximum box (mm) (MAXIMUM HEIGHT)	500	400	265

Technical Specifications CARTONWRAP XL			
SPEED: 900 Boxes/hour			
Minimum box (mm)	250	160	35
Maximum box (mm) (MAXIMUM WIDTH)	800	600	215
Maximum box (mm) (MAXIMUM HEIGHT)	490	600	370

CMC CARTONWRAP TECHNOLOGY **LIFE CYCLE ASSESSMENT**

Considering a life cycle perspective, the most environmentally relevant stages are:

- Raw materials
- Production of packaging materials
- Packaging technology
- Distribution to end user
- Waste management

CMC CARTONWRAP TECHNOLOGY VS A STANDARD PROCESS

This study compares the environmental performance of one average box packaged with CMC CartonWrap Technology with a manual, standard process.

○ Standard process

● CMC CartonWrap Technology

CARBON FOOTPRINT
average
-53%

CARDBOARD USAGE
average
-41%

PACKAGE VOLUME
average
-58%

VOID FILLERS
-100%

CMC CARTONWRAP WORKFLOW

1 to 4 variable width continuous corrugated fanfold channels.
Can be pre-printed or blank
- Reduce waste
- Easy replacement
- Can handle different cardboard grades

Dynamic box cutting
No empty space, no fillers!

Box can be reused for returns

Easy opening and resealing module

Product inserting and box sealing with low impact glue

Cam logger to capture and record images of order completion

Address Labeling unit
Optional Hazmat Print&Apply Labeller on request
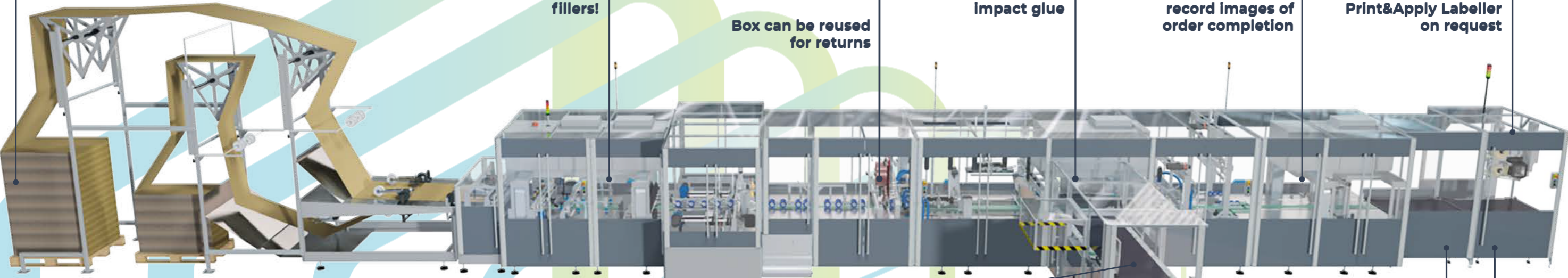
Optional Cut Sheet Input

3D Scanner to size the order and determine the box dimension

Product induct conveyor
Option pre-induct with automatic reading up to 6 sides

CMC Packvertizing
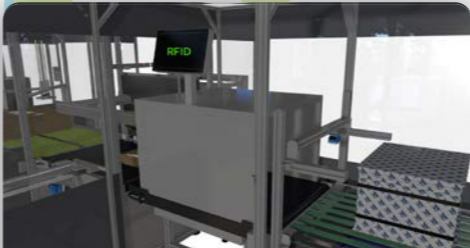1:1 full color printing

Optional Sorting System

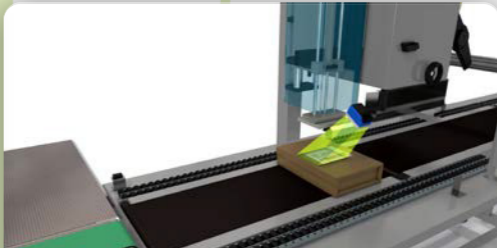OPTIONAL PRE-INDUCT WITH AUTOMATIC READING UP TO 6 SIDES

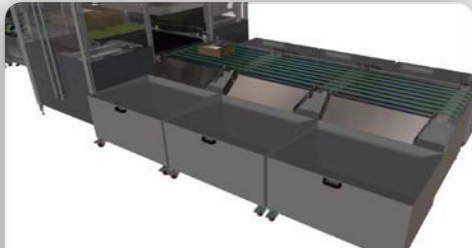OPTIONAL INVOICE PRINTER & SELECTIVE ENCLOSURES
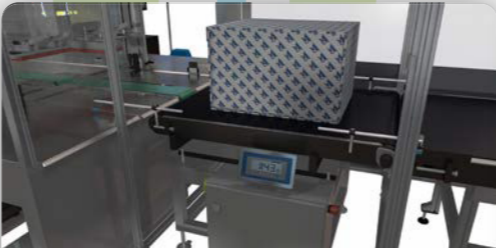
OPTIONAL CHECK WEIGHER

OPTIONAL RFID READER

OPTIONAL HAZMAT PRINT&APPLY LABELLER ON REQUEST

OPTIONAL SORTING SYSTEM

WHAT DOES CMC PACKVERTIZING STAND FOR?

High Impact images and messages // Branded boxes // 1:1 boxes // Fancy and personal package

- is a ground-breaking concept which revolutionizes the way companies communicate and deliver promotional messages and products to their customers;

- eliminates the need to produce pre-printed cartons and allows users to deliver ideas and concepts to the market quickly; it also reduces the need to hold large volumes of stock;

- allows e-tailers and 3PLs to sell advertising space on the package to 3rd party companies as a potential profit stream.

HOW DOES IT WORK?

The software and hardware can be integrated or retrofitted to any CMC auto packer. This unit includes the necessary mounting and the PACK-JET ink-jet printer for the newest Packvertizing technology.
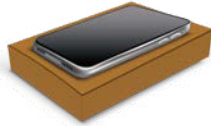
Different sized boxes coming out of the packing machine can be dynamically branded or personalised with unique full colour marketing messages, using client's database or unique barcodes.

DID YOU SAY BOX?!

1 **The smallest 3D box ever**

Ideal for consumer electronics and cosmetics

2 **Plain box with shipping label**

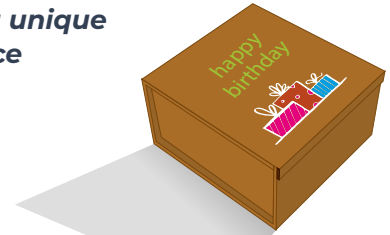*Label can carry variety of information. More than 1 label can be applied*

3 **Pre-branded box**

Cardboard with random printed logos

4 **1:1 fully personalised box with Packvertizing**

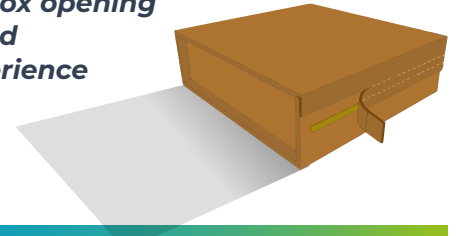*The WOW box for a unique customer experience*

PACKVERTIZING®

happy birthday

5 **Box with inner branding**

Ideal for luxury brands for higher safety during transportation

BRAND
TAGLINE SPACE

6 **Box with easy opening**

User friendly box opening for an improved customer experience
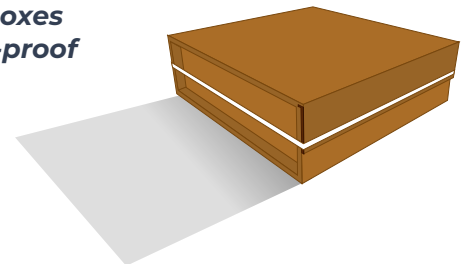
7 **Box with easy resealing**

Featuring an adhesive strip to reseal the box for returns

8 **Box with strapper**

Ideal for bigger and heavier boxes or for tamper-proof purpose

ABOUT CMC

Developing cutting edge packaging and mailing solutions since 1980, with innovation and sustainability at the heart of our approach. We are proud to lead the industry and partner with multinational e-commerce, retail and 3PL companies to improve production efficiency while reducing the environmental impact of their operations.

By building on this innovation, from 2013 CMC became the global leader in 3D packaging, developing right-sized packaging solutions for the growing e-commerce economy. We move quickly, able to transform fresh thinking into real solutions within months. This benefits clients, reducing inventory and waste, improving efficiency and personalization, and optimizing cost.

CMC GLOBAL OFFICES

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