

CMC CARTONWRAP SERIES

FULLY AUTOMATED RIGHT-SIZED PACKAGING

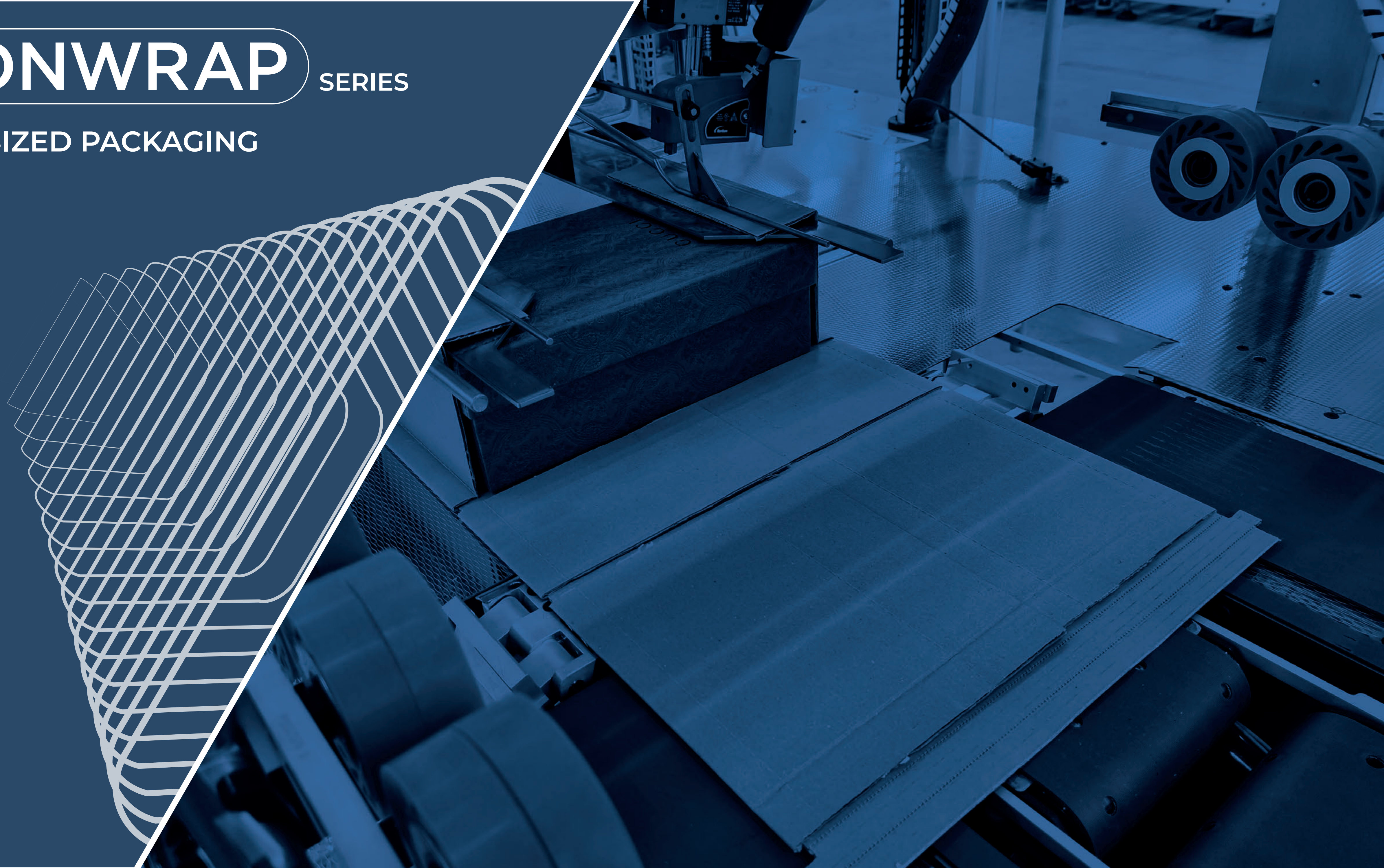
CMC CARTONWRAP

CMC CARTONWRAP XS

CMC CARTONWRAP L

CMC CARTONWRAP HL

CMC CARTONWRAP XL



MACHINE DESCRIPTION

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

The system produces 1,000 custom boxes per hour for single and multi-line orders using either continuous fanfold corrugate, cut sheet feeder or wave-line.

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

CMC CartonWrap measures and automatically forms a perfect size box around each order. This eliminates the need for void fill, and large amounts of stock box inventory. Product dimensions scanned in the induct are used to feed the precise length of material required for the box from fanfold feeder.

The corrugated box blank is produced by the dynamic creasing and cutting system. This system is controlled by a multi-axis servo system that allows for both high precision and high speed.

The box is formed, product placed and panels sealed with low impact hot melt glue. Prior to closing the upper flaps, document insertion, such as marketing materials, invoices, return instructions, etc. is possible thanks to CMC's best in class rotary feeder technology.

The system can be expanded to include CMC Packvertizing which allows for customized, direct print of logos, trademarks, or custom messages on each box. Customized direct print offers a unique way of enhancing the customer experience.

CMC CARTONWRAP XS			
CUT SHEET SPECS:	MAX W 1000 x L 2300 mm		
FANFOLD SPECS	from 500 mm to 1000 mm		
WAVE LINE SPECS	MAX REEL WIDTH: 1000 mm		
MAX MECHANICAL SPEED	900 boxes/hour		
Minimum Box (mm)	150	100	30
Maximum Box (mm) (MAXIMUM WIDTH)	600	300	110
Maximum Box (mm) (MAXIMUM HEIGHT)	500	300	200

CMC CARTONWRAP			
CUT SHEET SPECS:	MAX W 1200 x L 2300 mm		
FANFOLD SPECS	from 600 mm to 1200 mm		
WAVE LINE SPECS	MAX REEL WIDTH: 1200 mm		
MAX MECHANICAL SPEED	1000 boxes/hour		
Minimum Box (mm)	240	150	30
Maximum Box (mm) (MAXIMUM WIDTH)	600	350	200

CMC CARTONWRAP L			
CUT SHEET SPECS:	MAX W 1200 x L 2300 mm		
FANFOLD SPECS	from 600 mm to 1200 mm		
WAVE LINE SPECS	MAX REEL WIDTH: 1200 mm		
MAX MECHANICAL 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

CMC CARTONWRAP XL			
CUT SHEET SPECS:	MAX W 1400 x L 2300 mm		
FANFOLD SPECS	from 800 mm to 1400 mm		
WAVE LINE SPECS	MAX REEL WIDTH: 1400 mm		
MAX MECHANICAL SPEED	900 boxes/hour		
Minimum Box (mm)	250	150	30
Maximum Box (mm) (MAXIMUM WIDTH)	800	600	215
Maximum Box (mm) (MAXIMUM HEIGHT)	490	600	370

CMC CARTONWRAP HL

NEW FEATURE: PROCESSING ITEMS UP TO 25 Kg

IDEAL FOR



Pet Food

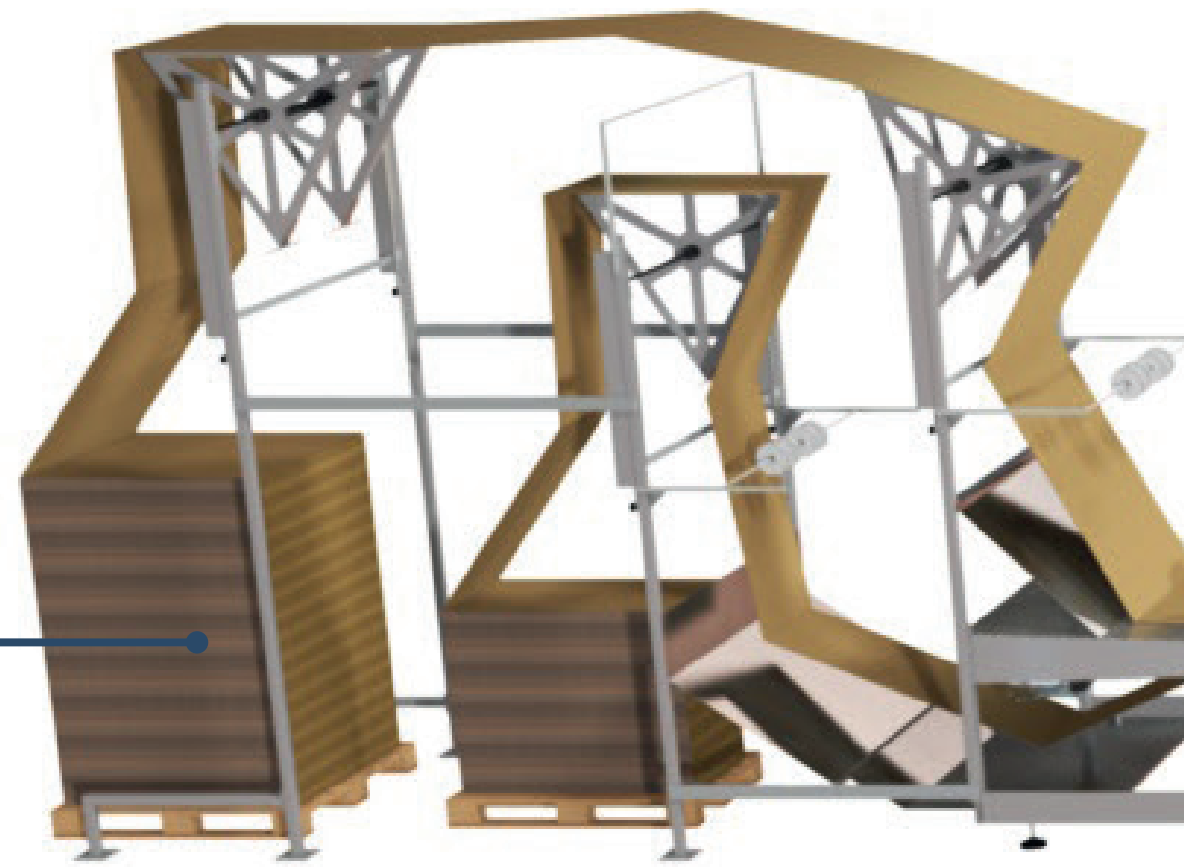


Automotive Spares

CMC CARTONWRAP SERIES

1 TO 4 VARIABLE WIDTH CONTINUOUS CORRUGATED FANFOLD CAN BE PRE-PRINTED OR BLANK

- REDUCE WASTE
- EASY REPLACEMENT
- CAN HANDLE DIFFERENT CARDBOARD GRADES



EASY OPENING AND RESEALING MODULE
BOX CAN BE REUSED FOR RETURNS

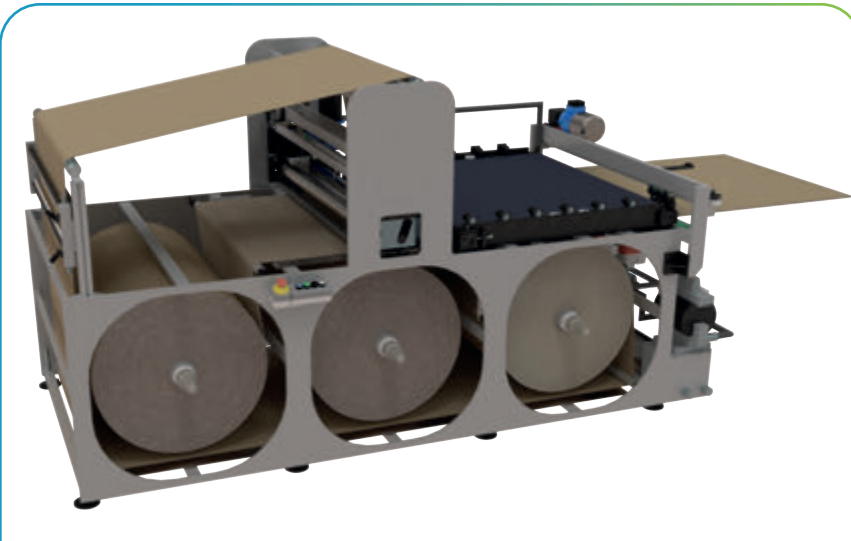
PRODUCT INSERTING AND BOX SEALING WITH LOW IMPACT GLUE

CAM LOGGER TO CAPTURE AND RECORD IMAGES OF ORDER COMPLETION

ADDRESS LABELING UNIT

OPTIONAL HAZMAT PRINT&APPLY LABELER ON REQUEST

NEW TRIM SHREDDER



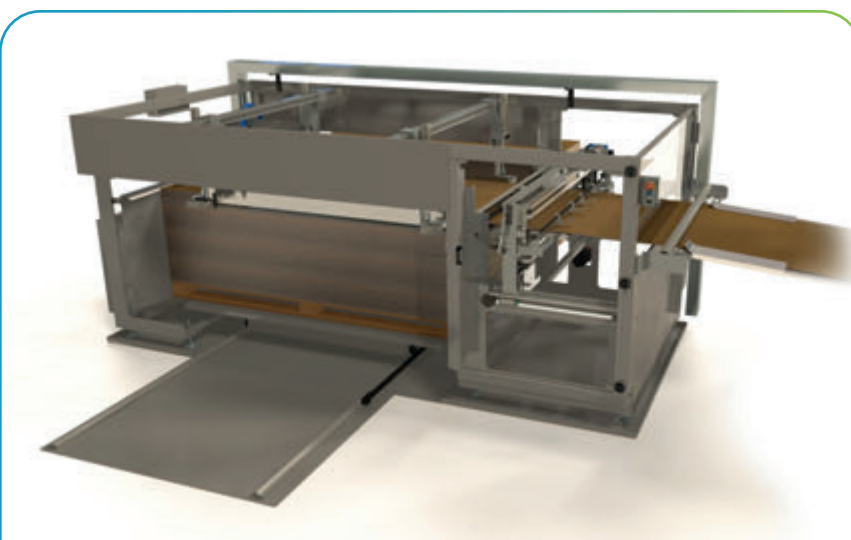
OPTIONAL: WAVE LINE

3D SCANNER TO SIZE THE ORDER AND DETERMINE THE BOX DIMENSION

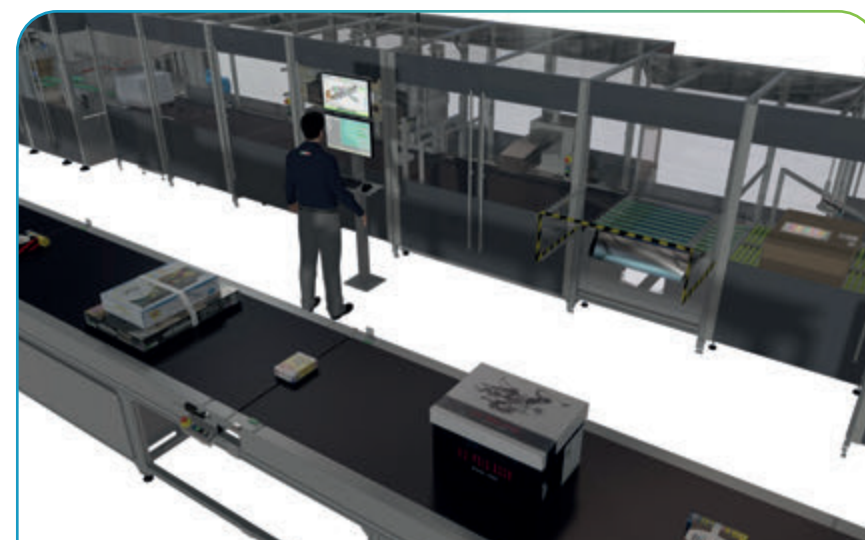
PRODUCT INDUCT CONVEYOR; OPTION TO SCAN FROM ANY OR ALL 6 SIDES

CMC PACKVERTIZING 1:1 FULL COLOR PRINTING

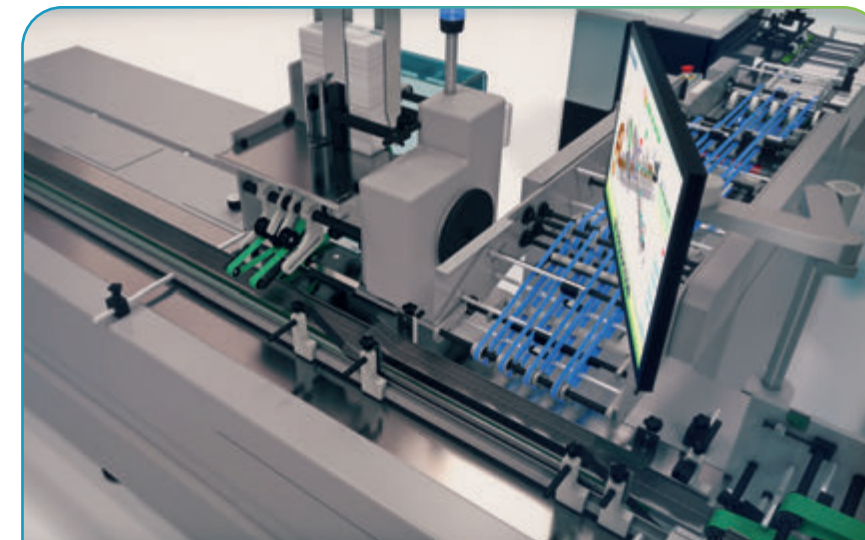
OPTIONAL SORTING SYSTEM



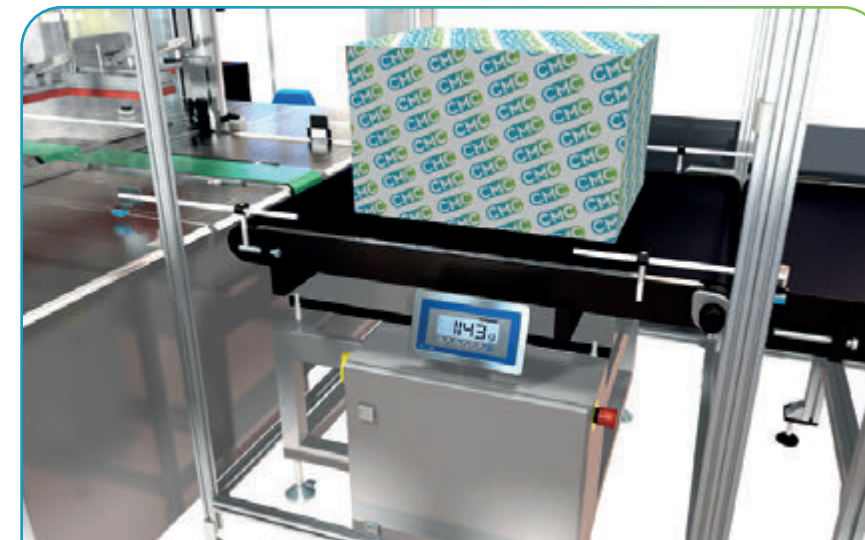
OPTIONAL: CUT SHEET FEEDER



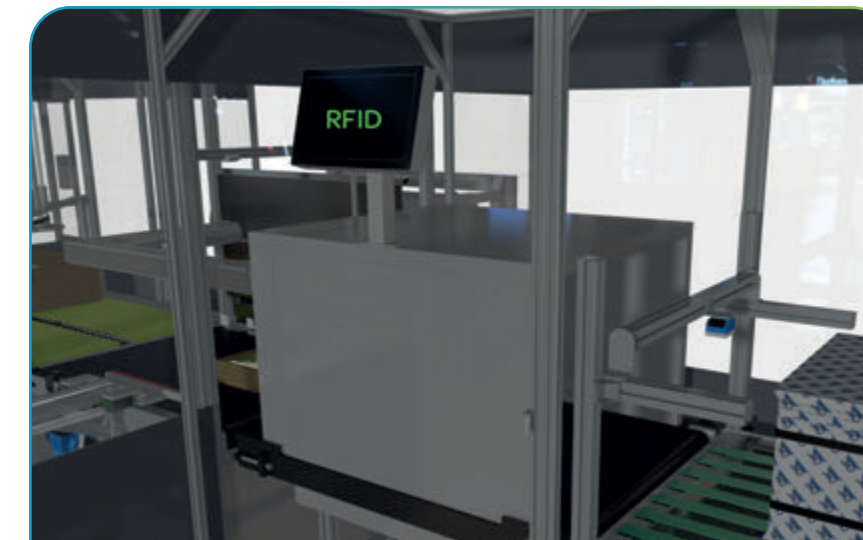
OPTIONAL PRE-INDUCT WITH AUTOMATIC READING UP TO 6 SIDES



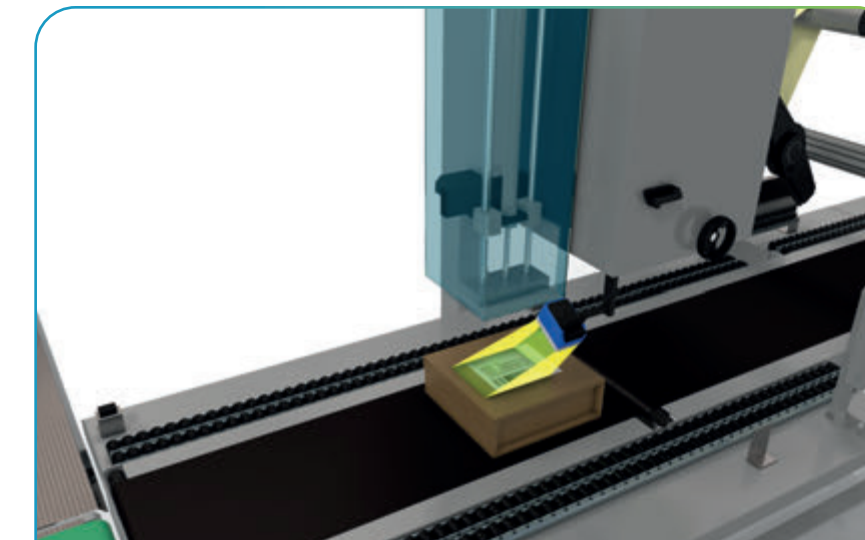
OPTIONAL INVOICE PRINTER & SELECTIVE ENCLOSURES



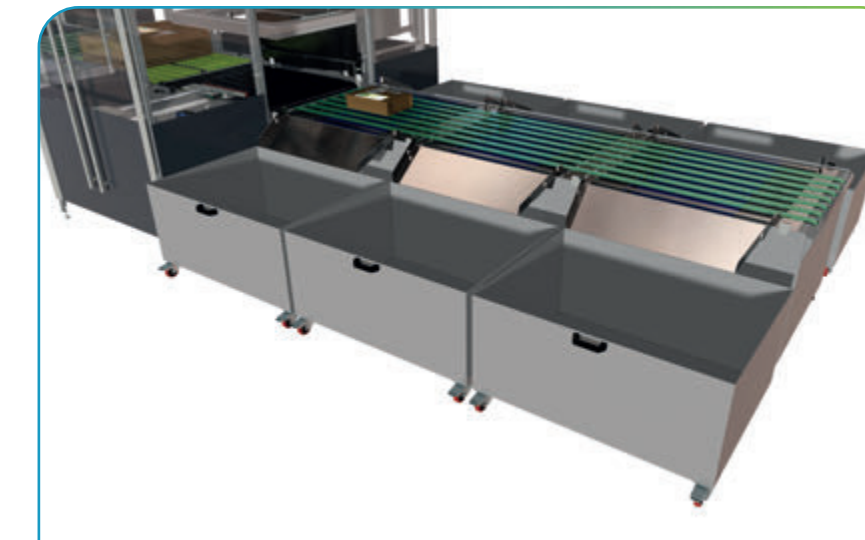
OPTIONAL CHECK-WEIGHER



OPTIONAL RFID READER



OPTIONAL HAZMAT PRINT&APPLY LABELER 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;
- Allow e-retailers 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.

THE SMALLEST AND LARGEST BOX IN 3D PACKAGING TECHNOLOGY

1 Plain box with shipping label

Multiple label capabilities to meet various needs



2 Pre-branded box

Multiple label capabilities to meet various needs



3 1:1 fully personalised box with Packvertizing

The WOW box for a unique customer experience



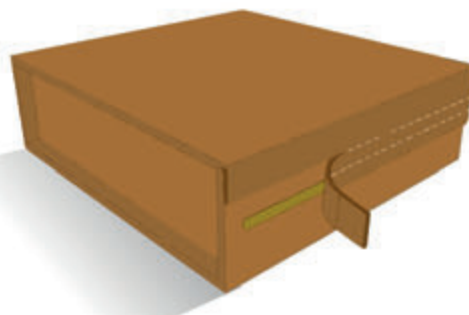
4 Box with inner branding

Ideal for luxury brands wanting higher safety during transportation



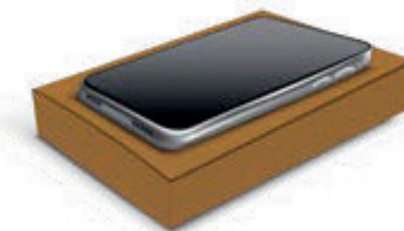
5 Box with easy opening

User-friendly box opening for an improved customer experience



6 The smallest 3D box ever

Ideal for consumer electronics and cosmetics



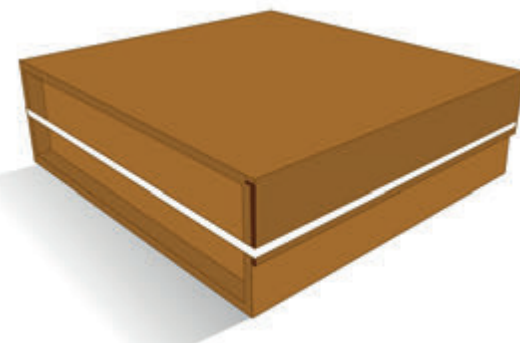
7 Box with easy resealing

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



DID YOU SAY BOX?

CMC CARTONWRAP TECHNOLOGY LIFE CYCLE ASSESSMENT

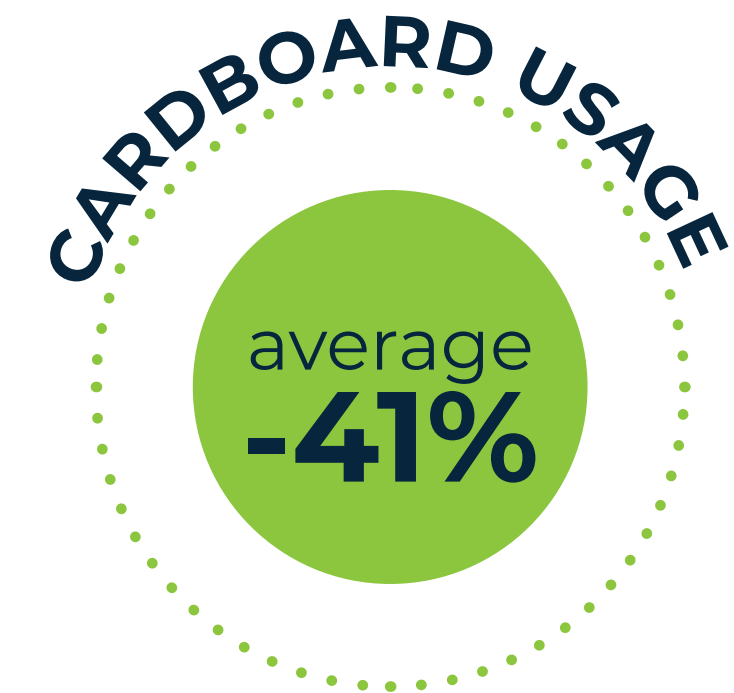
Considering a life cycle perspective, the most environmentally relevant stages are:



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 CartonWrapTechnology



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.

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4 CMC France

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