



PACKAGING AUTOMATION

SMART SOLUTIONS FOR SUSTAINABLE PACKAGING

LEADING THE CHANGE FOR A NET ZERO CARBON FUTURE



2025

CMC

PACKAGING AUTOMATION

SMART SOLUTIONS FOR SUSTAINABLE PACKAGING



PACKAGING AUTOMATION

TABLE OF CONTENTS

1

VISION AND MISSION

2

CMC: THE LEADER IN FULLY AUTOMATED
RIGHT-SIZED PACKAGING TECHNOLOGY

3

ANCILLARY EQUIPMENT





OUR VISION

Advancing Logistics Automation To Make Global Supply Chains More Sustainable

OUR MISSION

As the global pioneer in right-sized packaging and advanced logistics automation, we relentlessly innovate to provide solutions with superior efficiency and reduced environmental impact for every item shipped. Our power to deliver is rooted in trusted partnerships with clients and our culture of Engineering Excellence.





CMC: THE LEADER IN FULLY AUTOMATED RIGHT-SIZED PACKAGING TECHNOLOGY

Back in 2023 we pushed the limits of packaging automation and blazed the trail for a new disruptive technology.

From an idea to optimize packaging and reduce waste, to a disruptive “box last” engineering concept, CMC pioneered what the industry now considers the first perfect sized packaging machine brought to market.

Thanks to our partnership with more than 400 international clients, spanning from B2C to B2B, we have been able to collect data, understand requirements and demands, thus acquiring a global vision of the market and future trends.

TODAY CMC CAN RIGHT-SIZE ANY TYPE OF PACKAGING

RIGHT-SIZE BOXES

CMC CARTONWRAP



CMC Flagship product.

Right-sized packaging for single line orders or multis with pre-consolidation

CMC GENESYS



The next generation packaging machine. Singles or multis with no-pre-consolidation. Pick-to-Pack option

RIGHT-SIZED READY-TO-SHIP MAILERS

CMC PAPER-PRO



Ready-to-ship paper bags.

The green solution for apparel and shoes

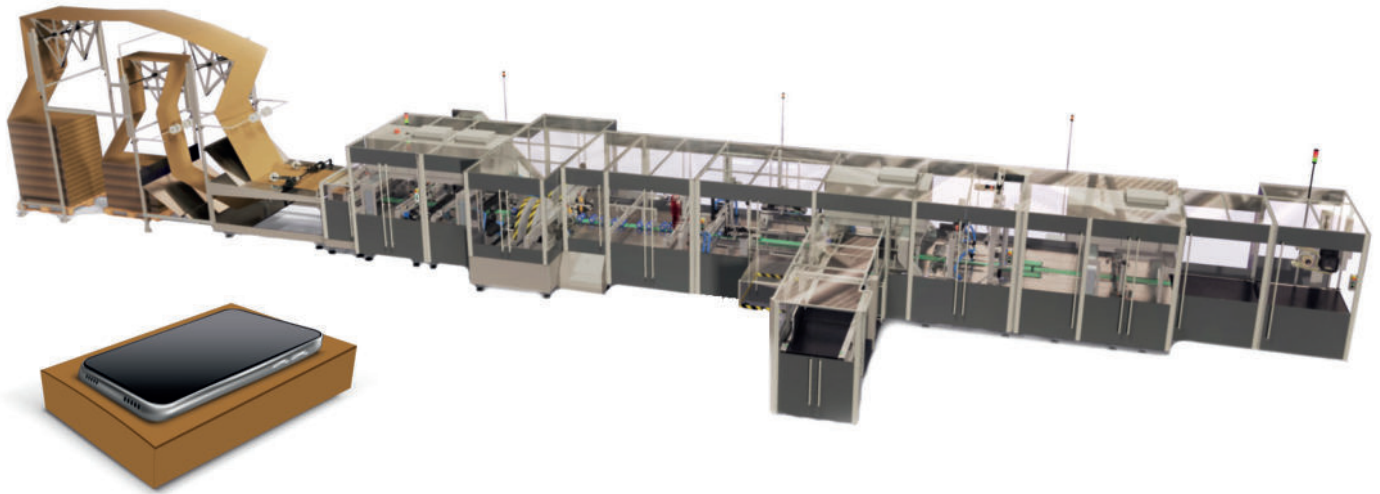
RIGHT-SIZED ENVELOPES

CMC CARTONWRAP DUO



Cardboard envelopes on the fly with full colour printing

CMC CARTONWRAP XS



DESCRIPTION

Introducing the CMC CartonWrap XS: the market's smallest custom-fit-box for e-fulfilment. Made from 100% recycled cardboard it optimizes space and eliminates wasteful void fill. This innovative solution creates tiny "right-sized" boxes, ideal for small components like mobile phones and pharmaceutical drug packs (single or multi-part), eliminating the need for void fill. With a processing speed of up to 900 boxes per hour, it enhances shipping efficiency. Additional features include easy opening strips and resealable options for returns. Excess trim is folded into the box, providing a strong barrier for multiple items and superior transport strength. Say goodbye to wasted space, save costs, and reduce environmental impact. The CMC CartonWrap XS is an innovative packaging solution that ensures unparalleled safety, efficiency, and cost-effectiveness. Its ability to create the market's smallest 3D boxes while offering rigid and secure protection is truly groundbreaking.

PROCESSABLE PRODUCTS



Small electronics



Cosmetics



Pharma



Eyewear

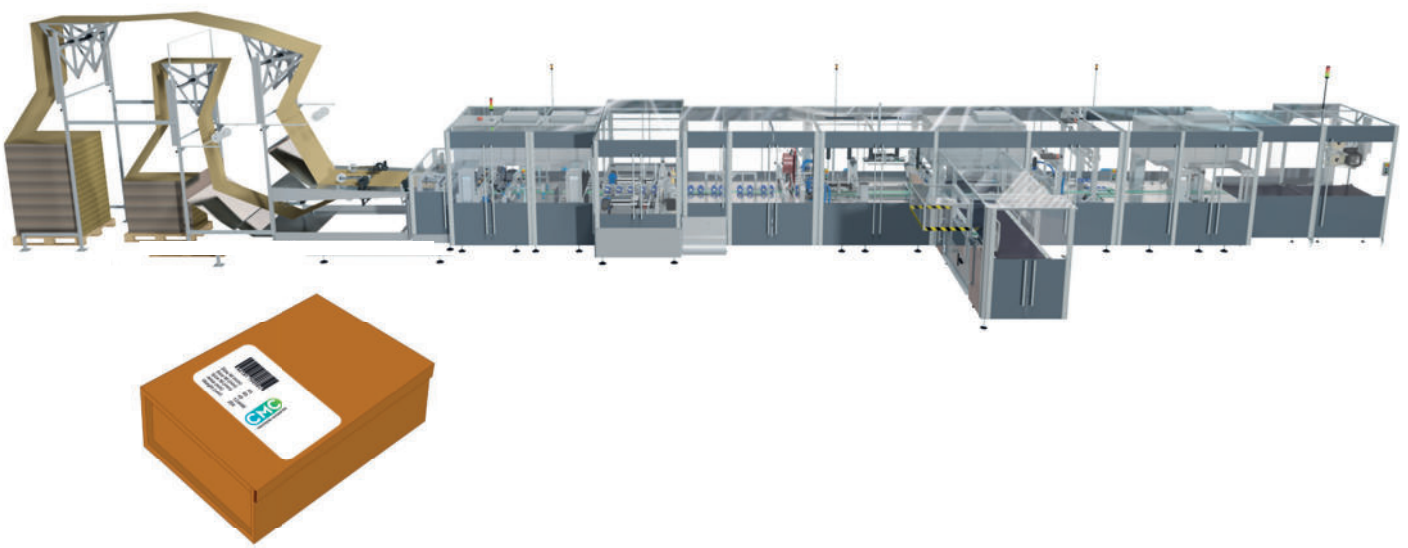
CMC ANCILLARY EQUIPMENT & SOLUTIONS



- Up to 6 sides reading on product input conveyor
- Up to 4 cardboard input channels
- Additional Print&Apply Labelers
- Cut sheet feeder
- Wave-line cardboard input
- Multi Hazmat Label applicators
- Check weigher
- Easy opening
- Dashboard
- Camlogger
- Packvertizing
- RFID Reader
- Sorting system
- Trimming shredder

TECHNICAL SPECIFICATION

- **FANFOLD SPECS:**
from 500 mm to 1000 mm
- **CUT SHEET SPECS:**
MAX W 1000 x L 2300 mm
- **WAVE LINE SPECS:**
MAX REEL WIDTH: 1000 mm
- **MINIMUM BOX:**
W 150 x L 100 x H 30 mm
- **MAXIMUM BOX:**
MAXIMUM WIDTH: W 600 x L 300 x H 110 mm
MAXIMUM HEIGHT: W 480 x L 300 x H 200 mm
- **MAXIMUM MECHANICAL SPEED:**
900 boxes/hour



DESCRIPTION

The core product of the entire CMC's product portfolio for e-commerce fulfilment, this multi-award winning technology creates dynamic boxes from either fanfold-fed corrugate, cut sheet feeder or wave line.

Boxes are created unique to the product being shipped, eliminating the need to use void fillers and reducing volumes.

TECHNICAL SPECIFICATION

CMC CARTONWRAP 1000

- **FANFOLD SPECS:**
from 600 mm to 1200 mm
- **CUT SHEET SPECS:**
MAX W 1200 x L 2300 mm
- **WAVE LINE SPECS:**
MAX REEL WIDTH: 1200 mm
- **MINIMUM BOX:** W 240 x L 150 x H 30 mm
- **MAXIMUM BOX:** W 600 x L 350 x H 200 mm
- **MAXIMUM MECHANICAL SPEED:**
1.000 perfectly-sized boxes/hour

- **FANFOLD SPECS:**
from 600mm to 1200 mm
- **CUT SHEET SPECS:**
MAX W 1200 x L 2300 mm
- **WAVE LINE SPECS:**
MAX REEL WIDTH: 1200 mm
- **MINIMUM BOX:** W 240 X L 150 X H 30 mm
- **MAXIMUM BOX (MAX. WIDTH):**
W 600 X L 400 X H 215 mm
- **MAXIMUM BOX (MAX. HEIGHT):**
W 500 X L 400 X H 265 mm
- **MAXIMUM MECHANICAL SPEED:**
900 boxes/hour

CMC CARTONWRAP L

PROCESSABLE PRODUCTS

Single items or pre-consolidated multiple items

 Books	 Photo Albums
 Electronics	 Toys/Games
 Clothing	 Pre-Packed Food
 Beauty Pharma	 Household Appliances

AND A VARIETY OF CONSUMER PRODUCTS

CMC ANCILLARY EQUIPMENT & SOLUTIONS



- Up to 6 sides reading on product input conveyor
- Up to 4 cardboard input channels
- Cut sheet feeder
- Invoice printer
- Selective enclosure feeders
- Additional Print&Apply Labelers
- Multi Hazmat Label applicators
- Check weigher
- Easy opening & reseal
- Dashboard
- Camlogger
- Packvertizing
- RFID Reader
- Sorting system
- Trimming shredder

CMC CARTONWRAP XL



DESCRIPTION

CMC's flagship product for e-commerce fulfilment now comes in a wide body version. This multi-award-winning technology creates dynamic boxes from either multi-line fanfold-fed corrugate or cut sheet feeder. Each box is custom-made for the specific product being shipped, eliminating the need for void fillers and reducing volumes.

CMC CARTONWRAP HL

NEW

NEW FEATURE: PROCESSING ITEMS UP TO 25KG

IDEAL FOR



Pet Food



Automotive Spares

TECHNICAL SPECIFICATION

- **FANFOLD SPECS:**
from 800 mm to 1400 mm
- **CUT SHEET SPECS:**
MAX W 1400 x L 2300 mm
- **WAVE LINE SPECS:**
MAX REEL WIDTH: 1400 mm
- **MINIMUM BOX:**
W 250 x L 160 x H 35 mm
- **MAXIMUM BOX:**
MAXIMUM WIDTH: W 800 x L 600 x H 215 mm
MAXIMUM HEIGHT: W 490 x L 600 x H 370 mm
- **MAXIMUM MECHANICAL SPEED:**
900 boxes/hour

PROCESSABLE PRODUCTS

Single items or pre-consolidated multiple items



Books & Photobooks



Sports & Outdoor



Electronics



Toys/Games



Apparel and shoes



Pre-Packed Food



Pet Food



Larger Appliances

AND A VARIETY OF CONSUMER PRODUCTS

CMC ANCILLARY EQUIPMENT & SOLUTIONS

- Up to 6 sides reading on product input conveyor
- Up to 4 cardboard input channels
- Cut sheet feeder
- Invoice printer
- Selective enclosure feeders
- Additional Print&Apply Labelers
- Multi Hazmat Label applicators
- Check weigher
- Easy opening & reseal
- Selective box strapper
- Dashboard
- Camlogger
- Packvertizing
- RFID Reader
- Sorting system
- Trimming shredder



CMC CARTONWRAP DUO



DESCRIPTION

The CMC Cartonwrap Duo stands as an innovative automatic packaging system designed to optimize workflow efficiency while simultaneously lowering consumables and shipping expenses, leading to an enhanced return on investment. This solution merges sustainability with efficiency. It is the only technology capable of processing both BOXES and ENVELOPES within the same streamlined workflow.

TECHNICAL SPECIFICATION

- **FANFOLD SPECS:**
from 400 mm to 600 mm
- **WAVE LINE SPECS:**
MAX REEL WIDTH: 600 mm
- **MINIMUM ENVELOPE:**
W 250 x L 160 x H 8 mm
- **MAXIMUM ENVELOPE:**
W 600 x L 380 x H 15 mm
- **MINIMUM BOX:**
W 250 x L 160 x H 28 mm
- **MAXIMUM BOX:**
W 600 x L 380 x H 250 mm
- **MAXIMUM MECHANICAL SPEED:**
900 boxes/hour

PROCESSABLE PRODUCTS

Single items or pre-consolidated multiple items

 Books & Photobooks	 Sports & Outdoor
 Electronics	 Toys/Games
 Apparel and shoes	 Pre-Packed Food
 Pet Food	 Household Appliances

AND A VARIETY OF CONSUMER PRODUCTS

CMC ANCILLARY EQUIPMENT & SOLUTIONS



- Up to 6 sides reading on product induct conveyor
- Up to 4 cardboard input channels
- Cut sheet feeder
- Wave-line cardboard input
- Additional Print&Apply Labellers
- Multi hazmat label applicators
- Check weigher
- Selective box strapper
- Dashboard
- Camlogger
- Packvertizing
- RFID reader
- Sorting system
- Trimming shredder



DESCRIPTION

CMC GENESYS enables dynamic packing of multiple items, regardless of their shapes and sizes, into perfectly sized boxes. This innovative system eliminates the need for pre-consolidation and allows for efficient packing of multiple items together. At the core of the system lies the Vary-Tote, a CMC designed and patented transport tote. It incorporates two inner adjustable guides that compress the picked items to their minimum volume, defining the dimensions of the order and ultimately determining the size of the final box.

TECHNICAL SPECIFICATION

- **FANFOLD SPECS:**
from 600 mm to 1000 mm
- **CUT SHEET SPECS:**
MAX W 1000 x L 2300 mm
- **WAVE LINE SPECS:**
MAX REEL WIDTH: 1000 mm
- **MINIMUM BOX:**
W 270 x L 210 x H 48 mm
- **MAXIMUM BOX:**
W 560 x L 380 x H 290 mm
- **MAXIMUM MECHANICAL SPEED:**
850 boxes/hour

IDEAL FOR









E-commerce
Retailers
3PL
POD Companies

INDUSTRY:
B2C / B2B



PROCESSABLE PRODUCTS

Different size multi-line orders and odd shaped products

 Books & Photobooks	 Cosmetics Beauty Pharma
 Electronics	 Toys/Games
 Fashion	 Food/Drinks
 Automotive Spares	 Stationary

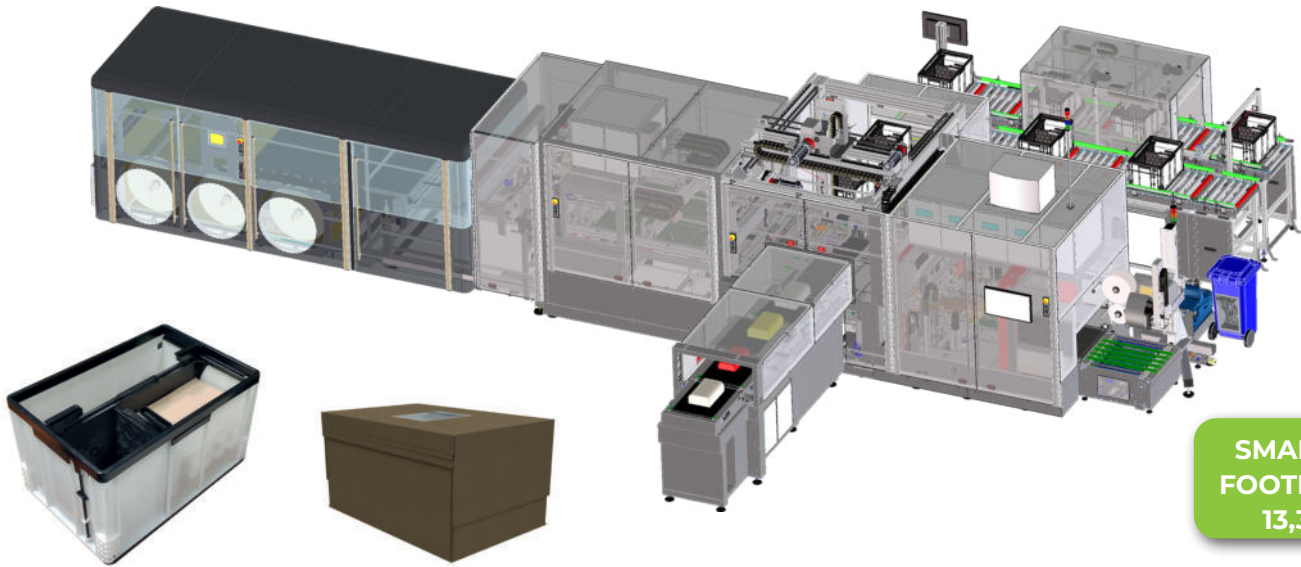
AND A VARIETY OF CONSUMER PRODUCTS

CMC ANCILLARY EQUIPMENT & SOLUTIONS

- Up to 4 cardboard input channels
- Cut sheet feeder
- Wave-line cardboard input
- Additional Print&Apply Labelers
- Multi Hazmat Label applicators
- Check weigher
- Easy opening & reseal
- Dashboard
- Camlogger
- Packvertizing
- RFID Reader
- Sorting system
- Trimming shredder



CMC GENESYS COMBO



DESCRIPTION

CMC has introduced a new feature on the CMC Genesys to address our customers' needs. The new CMC Genesys Combo feature allows for the individual loading of both single-line orders and multi-line orders.

Like the standard version of the CMC Genesys, multiple orders are loaded through CMC Vary-Totes, the most efficient system for handling multiple orders to date.

The COMBO system adds the capability of loading single-line orders through a dedicated induct conveyor.

AUTOMATIC VARY-TOTE ADJUSTMENT











AS PART OF THE
NEXUS SYSTEM

TECHNICAL SPECIFICATION

- **FANFOLD SPECS:**
from 600 mm to 1000 mm
- **CUT SHEET SPECS:**
MAX W 1000 x L 2300 mm
- **WAVE LINE SPECS:**
MAX REEL WIDTH: 1000 mm
- **MINIMUM BOX:**
W 270 x L 210 x H 48 mm
- **MAXIMUM BOX:**
W 560 x L 380 x H 290 mm
- **MAXIMUM MECHANICAL SPEED:**
850 boxes/hour

PROCESSABLE PRODUCTS

Different size multi-line orders and odd shaped products

 Books & Photobooks	 Cosmetics Beauty Pharma
 Electronics	 Toys/Games
 Fashion	 Food/Drinks
 Automotive Spares	 Stationary

AND A VARIETY OF CONSUMER PRODUCTS

CMC ANCILLARY EQUIPMENT & SOLUTIONS



- Up to 4 cardboard input channels
- Cut sheet feeder
- Wave-line cardboard input
- Additional Print&Apply Labelers
- Multi Hazmat Label applicators
- Check weigher
- Easy opening & reseal
- Dashboard
- Camlogger
- Packvertizing
- RFID Reader
- Sorting system
- Trimming shredder

CMC GENESYS COMPACT



DESCRIPTION

CMC Genesys Compact is a smarter, sustainable, and scalable packaging solution in a compact design. The CMC Genesys Compact is a game-changing solution that merges innovation, sustainability, and versatility in a space-efficient, cost-effective design. Tailored for the evolving demands of logistics and eCommerce, this compact packaging system delivers the performance of larger systems with a significantly smaller footprint, simplifying installation and enhancing ease of relocation when needed. The Genesys Compact optimizes your packaging process by seamlessly handling both single and multi-line orders.

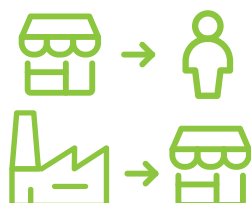
TECHNICAL SPECIFICATION

- **FANFOLD SPECS:**
from 600 mm to 1000 mm
- **CUT SHEET SPECS:**
MAX W 1000 x L 2300 mm
- **WAVE LINE SPECS:**
MAX REEL WIDTH: 1000 mm
- **MINIMUM BOX:**
W 270 x L 210 x H 48 mm
- **MAXIMUM BOX:**
W 560 x L 380 x H 290 mm
- **MAXIMUM MECHANICAL SPEED:**
500 boxes/hour

IDEAL FOR









E-commerce
Retailers
3PL
POD Companies

INDUSTRY:
B2C / B2B



PROCESSABLE PRODUCTS

Different size multi-line orders and odd shaped products

 Books & Photobooks	 Cosmetics Beauty Pharma
 Electronics	 Toys/Games
 Fashion	 Food/Drinks
 Automotive Spares	 Stationary

AND A VARIETY OF CONSUMER PRODUCTS

CMC ANCILLARY EQUIPMENT & SOLUTIONS



- Up to 4 cardboard input channels
- Cut sheet feeder
- Wave-line cardboard input
- Additional Print&Apply Labelers
- Multi Hazmat Label applicators
- Check weigher
- Easy opening & reseal
- Dashboard
- Camlogger
- Packvertizing
- RFID Reader
- Sorting system
- Trimming shredder

CMC PAPER-PRO



DESCRIPTION

CMC Paper-PRO combines the unrivalled CMC bagging technology with the latest e-commerce fulfilment techniques. This extremely flexible system can bag different size items in safe, ready-to-ship bags. Both CMC Paper-PRO Cardboard and Bubble Paper can be used. Length and thickness are adjusted on the fly.

The new 3D features creates a perfect-size bag for each order does eliminating any empty space. Product protection is also enhanced.

TECHNICAL SPECIFICATION

- **MAX REEL DIAMETER:**
1200mm
- **MINIMUM BAG SIZE:**
L 250 x W 180 x H 5 mm
- **MAXIMUM BAG SIZE:**
MAXIMUM HEIGHT: W 320 x L 850 x H 180mm
MAXIMUM WIDTH: W 400 x L 850 x H 100mm
- **MAXIMUM MECHANICAL SPEED:**
up to 3.600 bags/hour

IDEAL FOR

E-commerce
Retailers
3PL

INDUSTRY:
B2C



PROCESSABLE PRODUCTS

Fashion items and small electronics

 T-shirts	 Coats
 Shirts	 Trousers
 Underwear	 Books & Booklets
 Electronics	 Jackets
 Fashion Accessories	 Shoes

AS WELL AS SOCKS, SCARVES, TIES, VESTS, WORKWEAR, BEACHWEAR, ETC

CMC ANCILLARY EQUIPMENT & SOLUTIONS

- Automatic products induct
- 5D automatic barcode readers
- Invoice printer
- Additional Print & Apply Labelers
- Multi Hazmat Label applicators
- Check weigher
- Easy opening & reseal
- Camlogger
- Sorting system
- Trimming module
- Bag printing
- RFID reader
- Handle for click&collect



CMC BUBBLEWRAPPER



DESCRIPTION

CMC Bubblewrapper combines the unrivalled CMC bagging technology with the latest e-commerce fulfillment techniques.

This extremely flexible system can bag different size items in safe, ready-to-ship bags.

CMC Bubblewrapper can use both Green PE and Bubble materials. Length and thickness are adjusted on the fly. Product protection is also enhanced.

TECHNICAL SPECIFICATION

- **MAX REEL DIAMETER:**
400mm for poly
1200mm for bubble materials
- **MINIMUM BAG SIZE:**
W 250 x L 270 x H 8 mm
- **MAXIMUM BAG SIZE:**
W 500 x L 750 x H 150 mm
- **MAXIMUM MECHANICAL SPEED:**
up to 2.500 bags/hour

IDEAL FOR











E-commerce
Retailers
3PL

INDUSTRY:
B2C



PROCESSABLE PRODUCTS

Fashion items and small electronics

 T-shirts	 Coats
 Shirts	 Trousers
 Underwear	 Books & Booklets
 Electronics	 Jackets
 Fashion Accessories	 Shoes

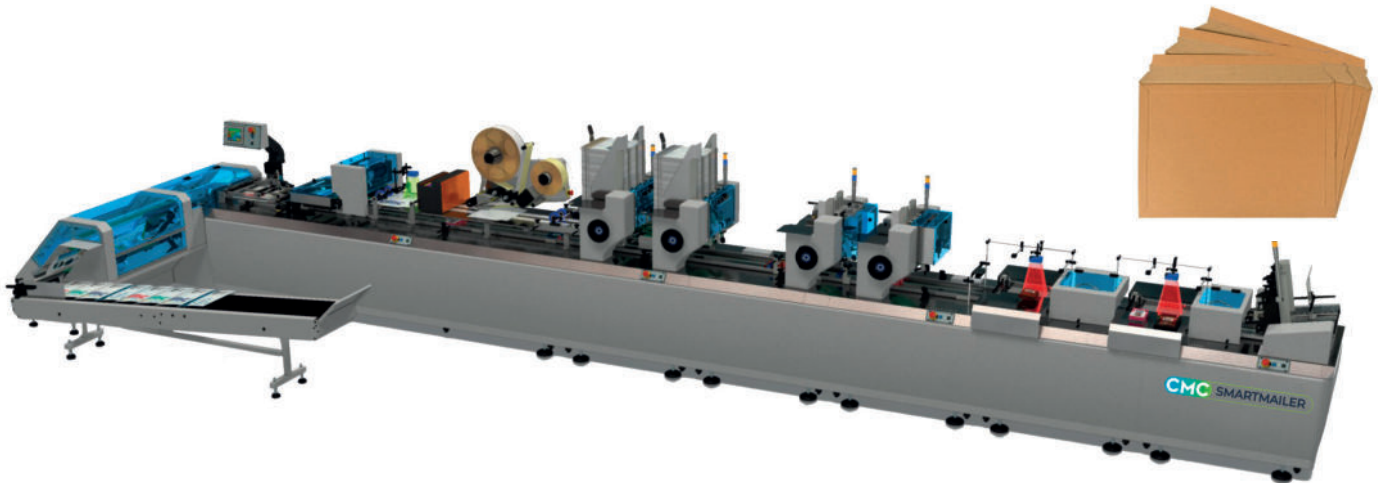
AS WELL AS SOCKS, SCARVES, TIES, VESTS, WORKWEAR, BEACHWEAR, ETC

CMC ANCILLARY EQUIPMENT & SOLUTIONS

- Automatic products induct
- 5D automatic barcode readers
- Invoice printer
- Additional Print & Apply Labelers
- Multi Hazmat Label applicators
- Check weigher
- Easy opening & reseal
- Camlogger
- Sorting system
- Dashboard
- RFID reader
- Handle for click&collect



CMC SMART MAILER



DESCRIPTION

CMC Smart Mailer is the easiest way to fulfill orders in rigid mailers or padded envelopes. Ideal solution when items don't need to be sent in a box. It combines CMC's tradition in the inserting business with the most advanced fulfilment solutions.

TECHNICAL SPECIFICATION

- **MINIMUM ENVELOPE SIZE:**
W 280 x L 180 mm
- **MAXIMUM ENVELOPE SIZE:**
W 380 x L 260 mm (flap not included)
- **THICKNESS:**
min. 2 mm; max. 25 mm
- **MAXIMUM MECHANICAL SPEED:**
2.500 envelopes/hour

IDEAL FOR

E-commerce
Retailers
3PL
POD Companies

INDUSTRY:
B2C



PROCESSABLE PRODUCTS

Single and small items that can be sent into a mail packet



CDs & DVDs



Catalogues
Guides



Small
Electronics



Mobile
Tablet Cases



Books
Booklets



Gift Cards



SIM cards

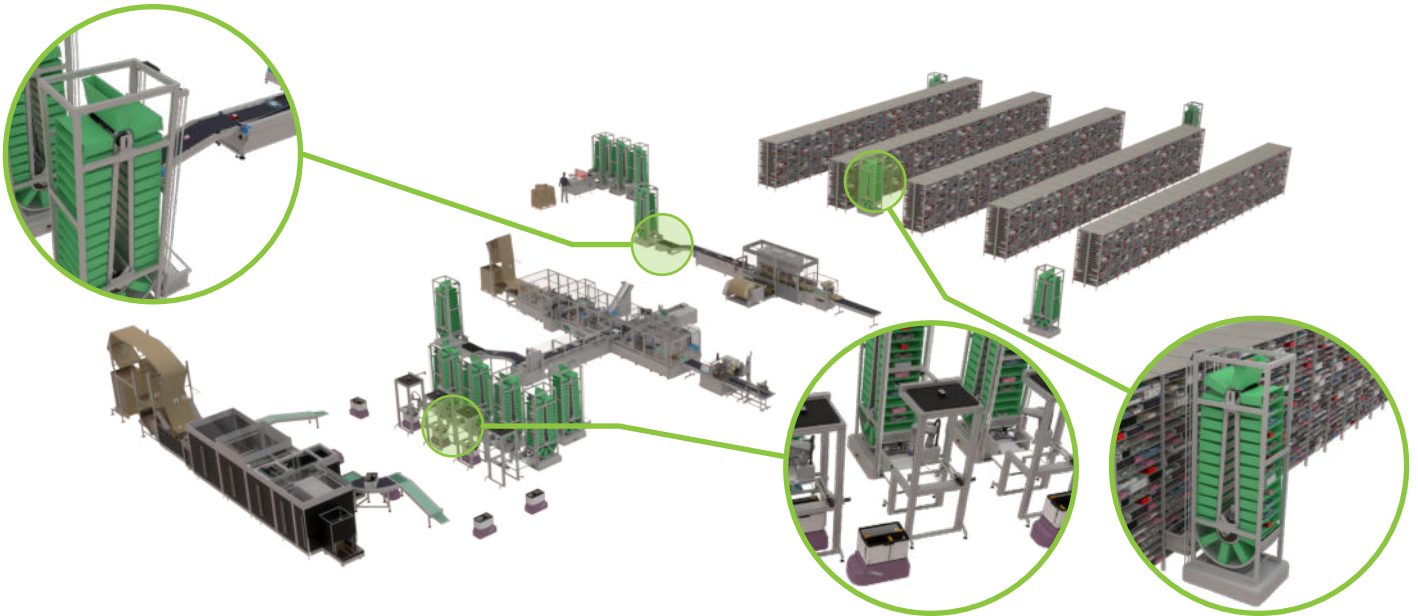


Packed
Confectionary

CMC ANCILLARY EQUIPMENT & SOLUTIONS



- Catalogue Feeders
- Shuttle Feeders
- Invoice Printers
- Additional Print & Apply labeler
- Sorting Systems
- Inline Ink-Jet printer



DESCRIPTION

Smart Automated Technology from inbound to outbound based on AMR solution.

CMC Nexus is the newest development that allows for the optimization of operations within the warehouse, improving workflow efficiency and process integrity.

CMC Nexus integrates all key processes:

- INBOUND FROM PALLETS TO CMC CAROUSEL BINS
- PRODUCT STORAGE FROM CMC CAROUSEL BINS TO SHELVES
- PICKING FROM SHELVES
- MULTI-LINE ORDER CONSOLIDATION
- FEEDING TO AUTOMATED PACKAGING SOLUTIONS

At the heart of the CMC Nexus System is the CMC Carousel, efficiently transporting single items through the various phases.

During consolidation, in case of single-line orders, the CMC Carousel automatically feeds items into the Induct conveyor of the packaging machine.

In case of multi-line orders, a Vary-Tote is automatically transported to the pick&place station where its internal guides are automatically opened.

A robotic arm picks items up from the carousel and places them into the Vary-Tote. Subsequently, internal guides are moved automatically to the edges of the products before transporting the loaded Vary-Tote to CMC Genesys.

PROCESSABLE PRODUCTS



Small Electronics



Books & Booklets



Toys/Games



Apparel & Shoes



Pre-packed Food



Automotive Spares

TECHNICAL SPECIFICATION

CMC CAROUSEL TECHNICAL SPECS:

- **MAX. ITEM WEIGHT ON EACH BIN:**
8 kg
- **MIN. ITEM FORMAT ON EACH BIN:**
100 x 80 x H 25 mm
- **MAX. ITEM FORMAT ON EACH BIN:**
350 X 280 X H 50 or 100 or 150 or 200 mm

CMC PICK&PLACE STATION TECHNICAL SPECS:

- **AVERAGE CYCLE SPEED:**
225 Vary-Tote/Hour
- **MAX. PROCESSABLE ITEM WEIGHT:**
5 kg

IDEAL FOR

E-commerce
Retailers
3PL

INDUSTRY:
B2C



ANCILLARY EQUIPMENT

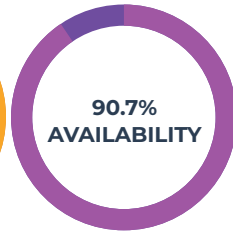
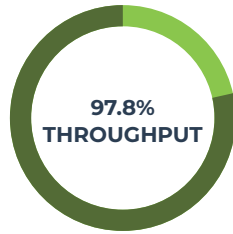


CMC machines can be customized with a variety of ancillary equipment that can elevate your packaging capabilities.



DASHBOARD

CMC DASHBOARD COMES IN TWO VERSIONS



1

CMC DASHBOARD LIVE

The DASHBOARD LIVE is a software application to monitor the activities of the CMC packaging machines in 1 or more sites.

Depending on the configuration, the application can run in 2 different modes:

Read-only mode

The application functions as a display panel, providing a global view of the plant on the main page.

Standard mode

The main page is divided into four zones:

- Playback monitor
- Production Global Counters/Timers
- Key Performance Indicators
- Machine status

BENEFITS:



Easy to use



Live control on machines KPIs from remote locations



Data collection



Further analysis of each data point, including reasons for loss (downtime, downstream issues), performance evaluation, and capabilities.

2

CMC DASHBOARD WEB REPORTS

The CMC WEB REPORTS is a web application to analyze the historical production data of the CMC packaging machines. The main feature is the possibility to have a feedback from CMC WebReports graphically and have a quick understanding of how the packing area is performing.



Pool of quick links to automatically process the production data and display them into a chart.



Configuration of the parameters used to process the production data.



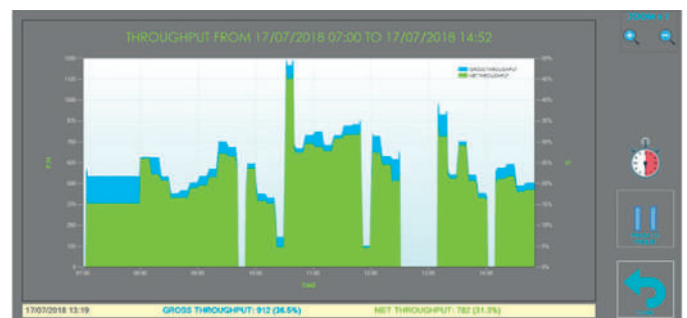
Temporal trends of the main statistical production results, calculated on the basis of the filter.



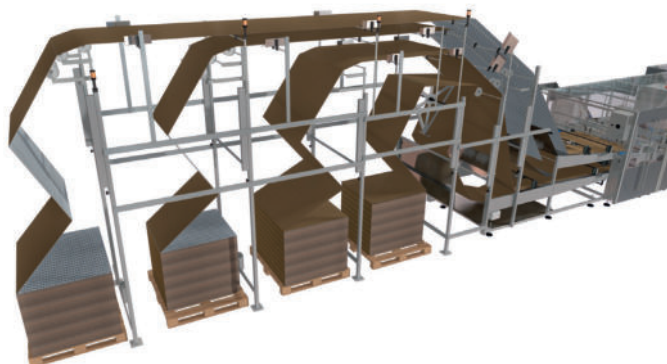
Top occurred alarms.



KPIs and machine macro-states.



MULTI FANFOLD INPUT



UP TO 4 CHANNELS

HIGHLIGHTS



The system can process recycled corrugated



Less corrugated waste



Savings on cardboard usage



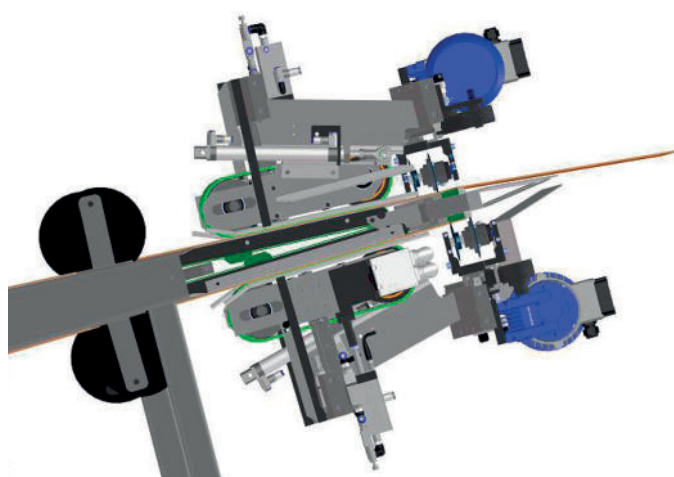
User-friendly operation with no adjustments required

CMC MULTI FANFOLD INPUT

The unit is designed for clients who need to produce a wide range of box sizes while minimizing waste. It can accommodate up to four different widths of corrugated material, which are automatically fed based on product scanning by the Cubiscan. This ensures that the right corrugated width is used to create the correct box size with minimal waste, without affecting productivity. Additionally, the system can work with two pre-printed branded corrugated options and feed the appropriate one based on the information from the Warehouse Management System (WMS).

Cardboard specification:

- **MINIMUM WIDTH:**
500 mm
- **MAXIMUM WIDTH:**
1000 mm
1200 mm
1400 mm



CMC CUT SHEET FEEDER

DESCRIPTION

Introducing an innovative feature for CMC right-sized packaging machines: a new input channel that revolutionizes the packaging process.

Gluing single sheets together creates a seamless flow of corrugated material, cut and creased to form custom boxes.

Benefits include reduced cardboard and transport costs, access to alternative local suppliers, decreased downtime, and lower CO2 emissions related to transportation.

Upgrade your packaging operations with this game-changing feature for cost savings and a reduced environmental footprint.

BENEFITS



Less CO2 emissions



Savings on cardboard cost



Savings on transport cost



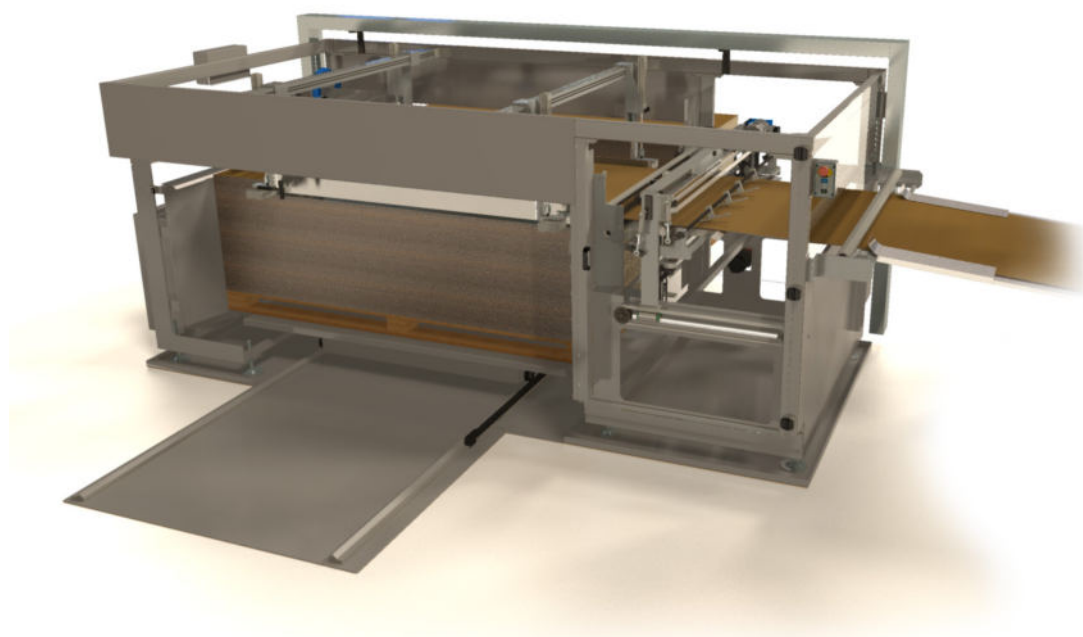
Reduction of downtime



It fits any CMC Packaging machine.

TECHNICAL SPECIFICATION

- **FOR CMC CARTONWRAP & CMC GENESYS:**
W 600/1000 x L 2300 mm
- **FOR CMC CARTONWRAP XL**
W 800/1400 x L 2300 mm



CMC WAVE LINE

DESCRIPTION

Introducing the revolutionary Wave-Line system, integrated with our packaging machines to generate continuous corrugated material, enhancing efficiency, flexibility, and cost savings.

This system starts from an open flute corrugate reel and kraft paper reel to produce single-wall corrugated material.

The inline coupling grants a smaller machine footprint, along with reduced cardboard and transport costs, making it a game-changer for the automated packaging solutions.

TECHNICAL SPECIFICATION

- **REEL WIDTH:**
min. 400 mm / max. 1000 mm
min. 800 mm / max. 1400 mm
- **REEL DIAMETER:**
700 mm
- **LINEAR SPEED:**
up to 50 mt/min
- **GLUE TYPE:**
water-based

BENEFITS



Reduced overall machine footprint



Less CO2 emissions



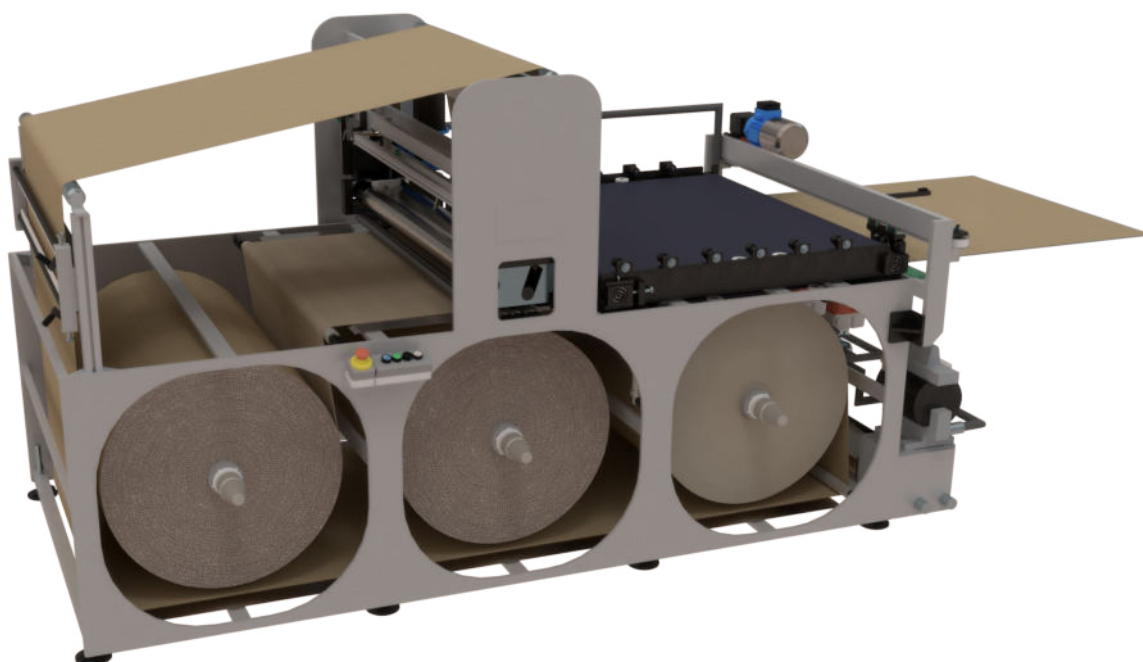
Savings on cardboard cost



Savings on cardboard cost



Reduction of downtime



PRE-INDUCT

DESCRIPTION

A longer extended conveyor directly connected to the CMC CartonWrap induct section. It facilitates the feeding of single or multi-line orders directly from the picking area.

It operates in two modes:

- **CONVEYOR MODE:** This mode functions as a simple transport conveyor, bringing products to be loaded onto the machine directly to the operator.
- **ADVANCED MODE:** In this mode, the system automatically reads the product ID from up to six sides.

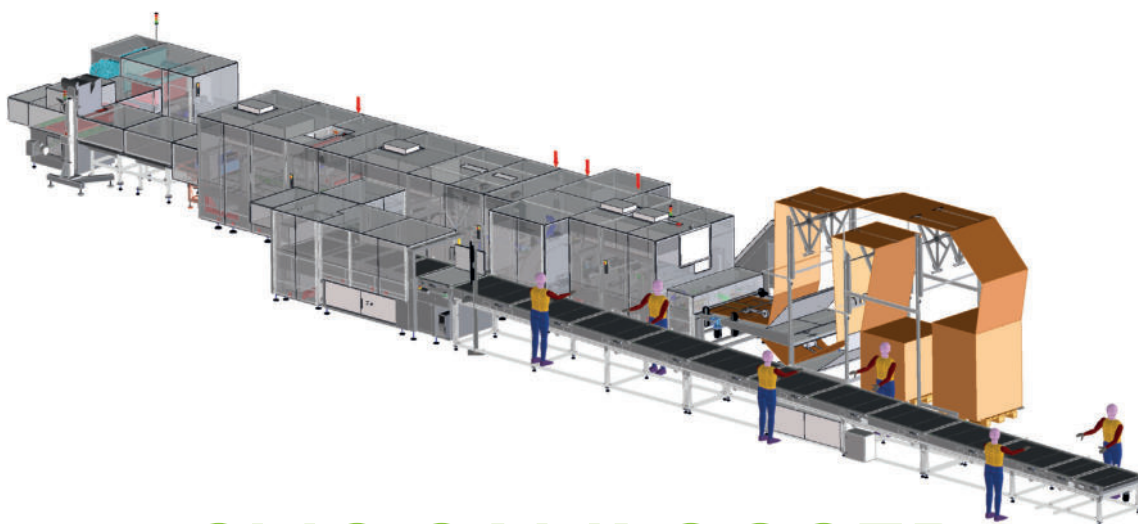
BENEFITS



Higher induct speed



User friendly



CMC CAMLOGGER

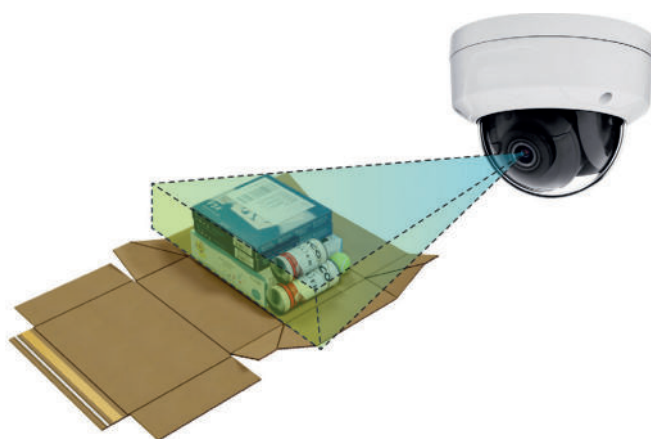
DESCRIPTION

The CamLogger system captures and stores images of items/orders inducted and fulfilled on CMC auto packers and bagging machines. It is a further proof of order integrity that can be digitally shared with buyers prior to shipment. Images can be captured both at the operator position and during final packaging.

This system integrates with CMC machine software to 'synchronizer' the image name with any item information such as Barcode, ReferenceID, TimeStamp etc.

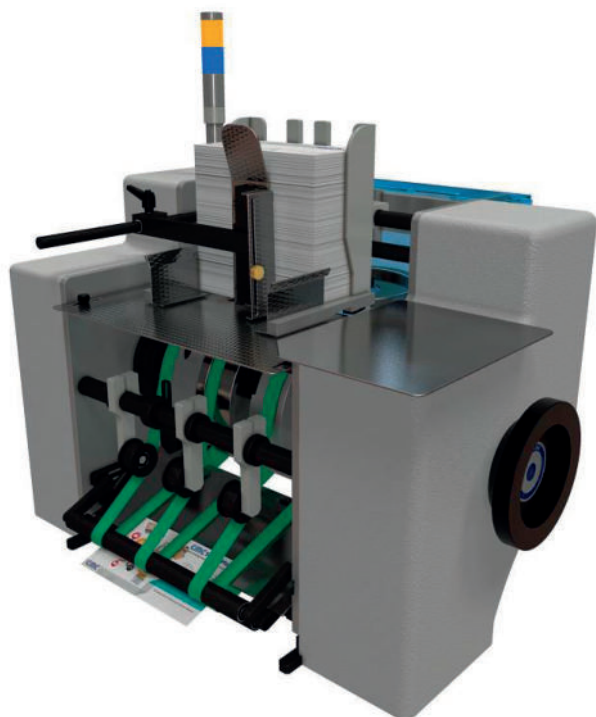
It includes:

- Personal Computer and monitor
- 1 to 3 CCD color camera
- Internal High Memory Capacity (Mass Memory) to memorize and store images.
- External connection capability (nas, server ...)
- Max acquiring rate: 2500 image/hour (x3 cameras)



CLOUD AND LOCAL SOLUTION

CATALOGUE FEEDERS



DESCRIPTION

CMC has designed and manufactured rotary feeders that automatically and selectively feed brochures, catalogues, and flyers without compromising productivity. The selectivity of the feeders is driven by barcodes, utilizing the customer's Warehouse Management System (WMS). These feeders also possess miss and double detection capabilities.

TECHNICAL SPECIFICATION

- Insert format A5 (210X150 mm)
- **PRODUCT THICKNESS:**
Minimum: 1 sheet 70gr/sqm
Maximum: 6 mm
- **MINIMUM PAPER GRAMMAGE:**
70 gr/sqm

CMC INVOICE PRINTER

DESCRIPTION

The in-line selective invoice and dispatch note printer is available in both mono and full-color options. It is capable of delivering A4 or A5 invoices, and can also print and collect multipage documents together.

The system allows for loading two or more print layouts to process different customers within the same workflow. To ensure data integrity with the customer's Warehouse Management System (WMS), a dedicated barcode reader is incorporated.

BENEFITS



User-friendly



Fully-automatic process

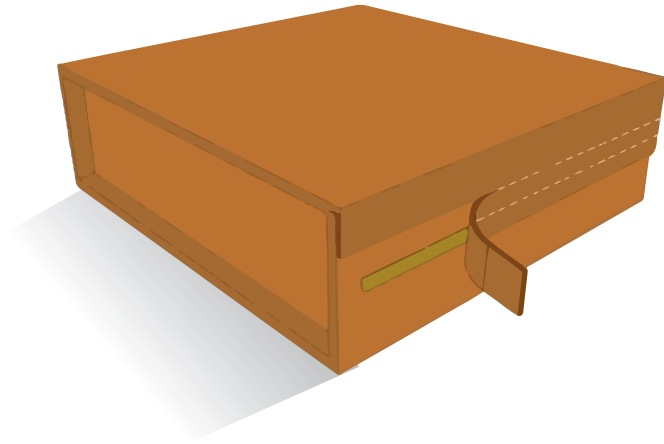


100% data integrity



EASY OPENING

DESCRIPTION



The newest CMC “Easy Open & Easy Reclose Solution” enables the shipping box to become a returnable box in a single application. This innovative solution incorporates a device consisting of a double perforator and a tape applicator.

By adding an “Easy Open” perforation and a “Reclosing Tape,” the package can be created to easily open and reseal the box for returns.

The reclosing tape is applied directly on the cardboard on-the-fly, ensuring optimal efficiency.

DOUBLE TAPE TO RESEAL THE BOX IN CASE OF RETURNS.

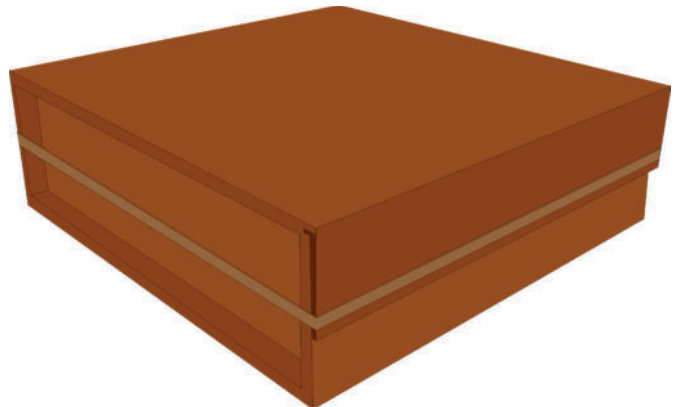
BOX PAPER STRAPPER

DESCRIPTION

A new system has been developed to horizontally apply a paper or plastic strap around the four edges of a box. This band tightens the four vertical edges, enhancing the rigidity of the box.

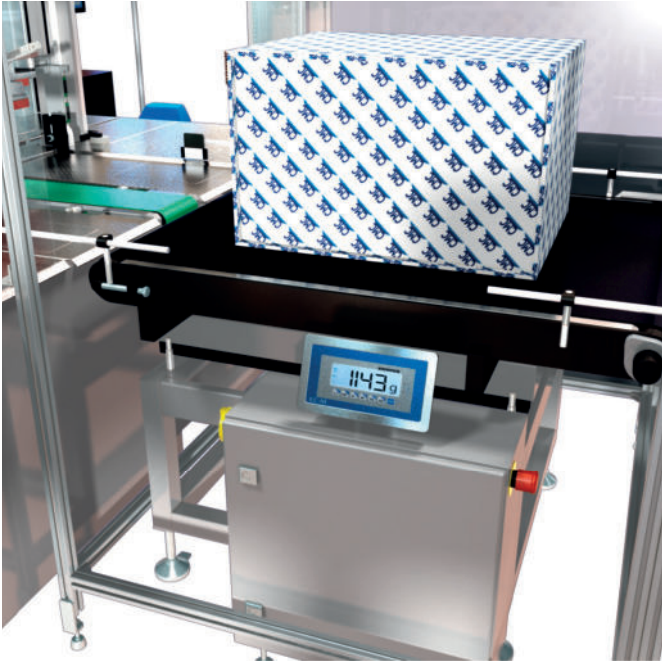
After the box is labeled and exits the CMC CartonWrap machine, a dedicated module turns it 90 degrees and pushes it towards the strapping unit.

The strap can be applied to any box with a height greater than 100mm. If the box height exceeds 200mm, two straps can be applied at different heights.



CHECK WEIGHER

DESCRIPTION



A dynamic weight checking system is to be installed after the closing section. This system effectively and accurately checks the weight of each parcel and reports it to the customer's Warehouse Management System (WMS) for order validation.

The CMC Check Weigher also provides information for DIM weight calculations, enabling the sorting of each parcel with the most advantageous carrier.

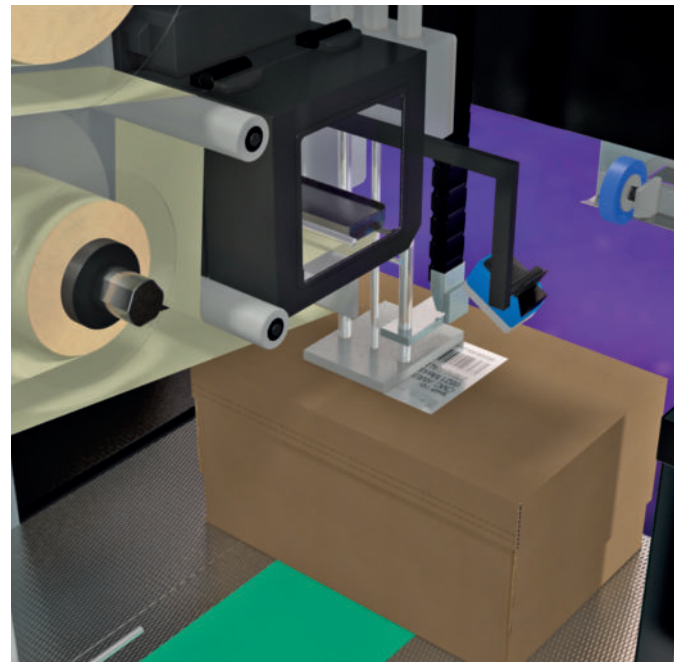
The tolerance for weight accuracy is within ± 10 grams.

LABELERS

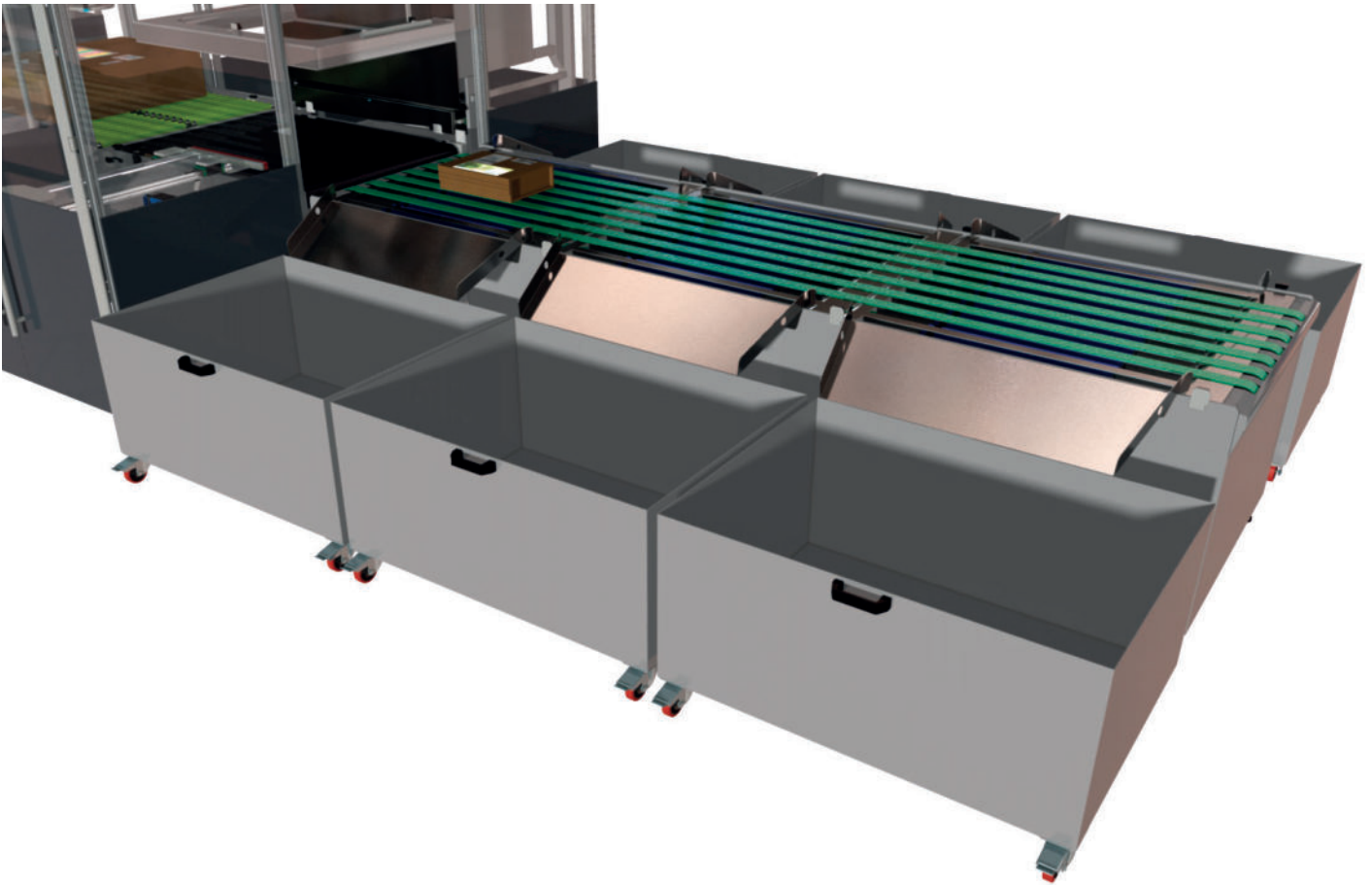
DESCRIPTION

CMC Print and Apply Labeler

The ultimate print and apply labeling system. It enables the real-time printing and application of self-adhesive shipping labels based on data from the PC Controller. The labels are compliant with all carriers and are placed on top of the box or bagger using a self-adjustable pneumatic piston. To ensure proper matching and validate the final parcel, a dedicated barcode reader is employed.



CMC SORTER



DESCRIPTION

CMC Sorter is a conveyor belt equipped with three “smart” diverters that selectively guide boxes either “left” or “right” (functioning as a 6-way sorter) based on data received from the PC Controller. Additionally, the straight exit can function as an additional diverting unit. Extra diverters can be added upon request.

The CMC Sorter offers various sorting options to optimize shipping costs and discounts:

Sorting by carrier to maximize shipping costs based on different criteria.
Sorting by ZIP code to maximize postal discounts.
Sorting by retailer or brand in 3PLs.

BENEFITS



Faster delivery



Labour savings



Shipping cost optimization sorts parcels based on various criteria



Modular design with the flexibility to add extra diverters upon request



The system is fully integrated, ensuring 100% reliability

CMC PACKVERTIZING

DESCRIPTION

CMC PACKJET FOR PACKVERTIZING

Software and hardware are available to install CMC PACKJET, a full-color ink-jet printer designed for CMC's proprietary Packvertizing technology.

This technology allows for dynamic branding and personalization of differently sized boxes coming out of the CMC Cartonwrap/GENESYS machine.

Unique full-color marketing messages, branding, and Augmented Reality images can be applied using the client's database or unique barcodes.

PackVertizing 1:1 boxes introduce a groundbreaking concept that revolutionizes how companies communicate and deliver promotional messages and products to their customers.

With PackVertizing, e-tailers and 3PLs have the opportunity to sell advertising space on packages to third-party companies, creating an additional potential profit stream.

PackVertizing eliminates the need for pre-printed cartons and enables users to quickly introduce ideas and concepts to the market. It also reduces the requirement to store large volumes of preprinted boxes.



SURPRISE AND THE WOW EFFECT

UNBOXING EXPERIENCE:

- First impression form within 100 milliseconds
- Max mech. Speed: 700 boxes/hour

**BRANDED BOX
FANCY BOX
HIGH IMPACT
IMAGES AND
MESSAGES
1:1 BOXES
PERSONAL**

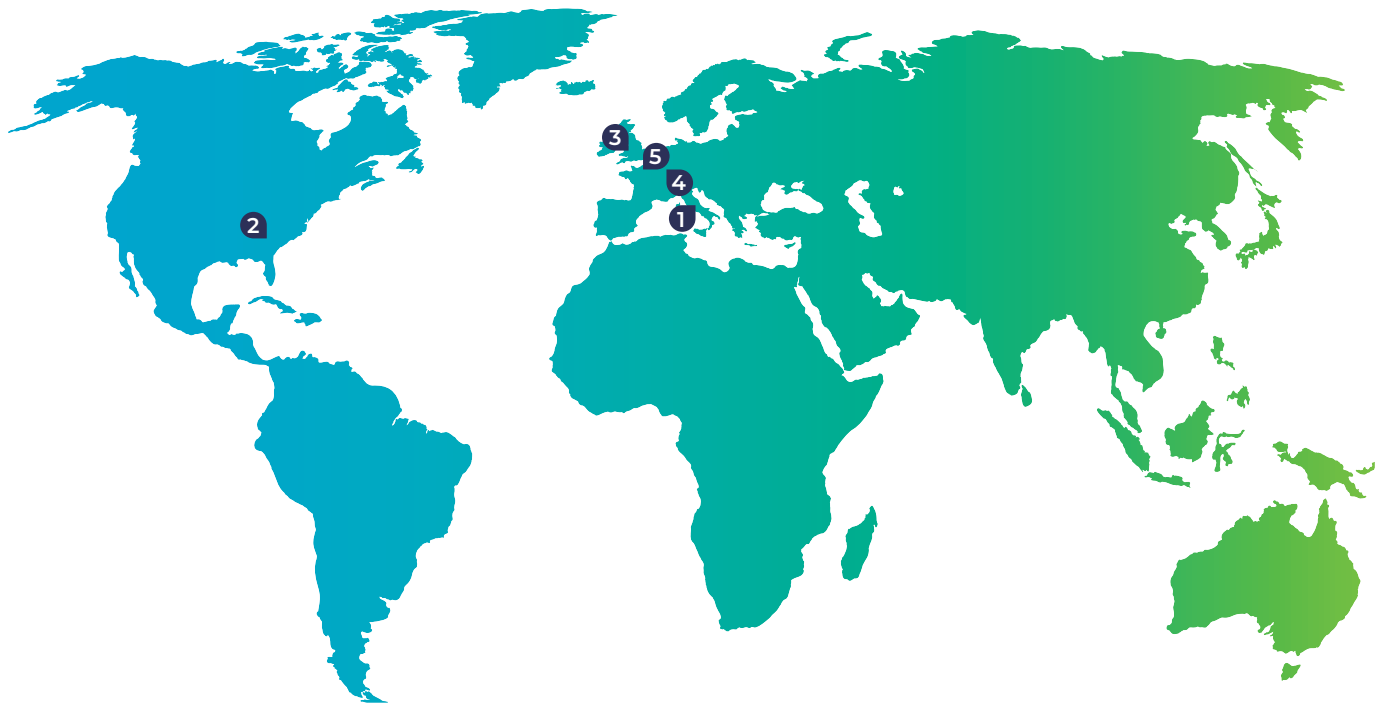


TECHNICAL SPECIFICATIONS

- Full color ink-jet **CMYK**
- CMC developed CONTROLLER
- Resolution: **800 X 800 DPI**
- Print width: **297mm**
- Input graphic formats ***BMP, *JPG *TIF, *PNG, *GIF** and in general all graphics formats recognized by Windows
- CMC CONTROLLER operative system **WINDOWS 11 pro**



CMC GLOBAL OFFICES



1 CMC S.p.A.

3 CMC United Kingdom

2 CMC North America

4 CMC Deutschland

5 CMC Netherlands



GLOBAL HQ
Via C.Marx 13. 06012
Città di Castello - Perugia - Italy
Tel. +39 075 85 18 006

contact@cmcsolutions.com

