SHIPPING

DELIVERY

SAFEKEEPING

LOGISTICS

CMC
weinspirethefuture

XPROMA
EXPERTS FOR PROFESSIONAL MAILROOMS

WORLD CLASS
SOLUTIONS FOR
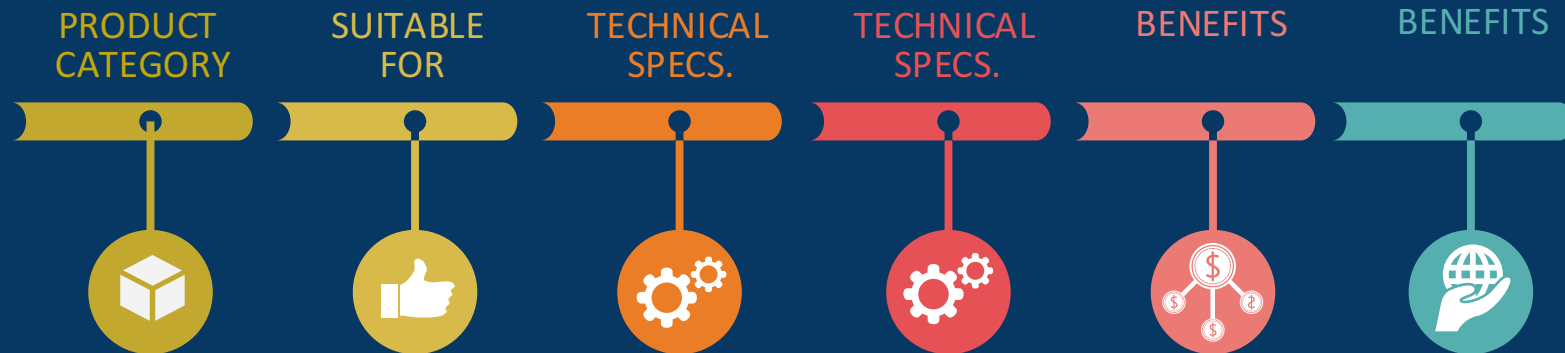E-COMMERCE
FULFILMENT

SHAPING A NEW
ERA IN THE SUPPLY
CHAIN AND
LOGISTICS

info@cmcmachinery.com

info@xproma.com

CMC CARTONWRAP 1000

BOX ON DEMAND MACHINE

PRODUCT CATEGORY	SUITABLE FOR	TECHNICAL SPECS.	TECHNICAL SPECS.	BENEFITS	BENEFITS
CATEGORY	**INDUSTRY**	**SPEED**	**BOX SIZE**	**SAVINGS**	**SUSTAINABILITY**
PACKAGING & FULFILLMENT	E-COMMERCE	1.000 BOXES/HR	MIN. MAX.	LABOUR	LESS TREES CUT
	FULFILLMENT	PERFECT SIZED FOR EACH PRODUCT	H: 30-200MM	CORRUGATED	LESS CO2 EMISSIONS
	3PL		L:150-350MM	INVENTORY MANAGEMENT	
	POD COMPANIES		W:240-600MM	VOID FILLERS	
	B2C			SHIPMENT	
	B2B				

MACHINE WORKFLOW
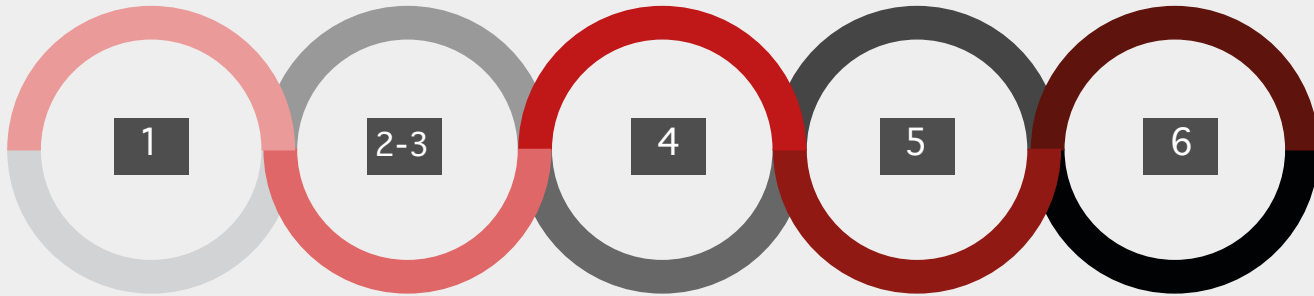
1	2-3	4	5	6
PRODUCT INDUCT AND FANFOLD FEEDING	**BOX FORMING AND CLOSING SECTION1**	**INVOICE PRINTER AND SELECTIVE ENCLOSURES**	**CLOSING SECTION 2**	**LABELLING SYSTEM AND OUTPUT**
Product is fed manually and then scanned. A cubiscan detects the 3 dimensions and trigs the fanfold feeder.Cardboard is unwound on demand, based on the box size to be produced.	Cardboard is cut, scored and trimmed. Inside panels are securely closed with hot melt glue. Product is then fed into the preformed box and other panels lifted and folded.	Module with invoice printer and folder directly managed by the machine controller and customer's database. Up to 4 enclosures can be added selectively.	Final flap closing with hot melt glue.	Adhesive label printer and applier. Labels are printed in real time based on the data coming from PC CONTROLLER.

MACHINE HIGHLIGHTS

BOX EASY-OPENING

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

IN-LINE INVOICE PRINTER

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

SELECTIVE ENCLOSURES

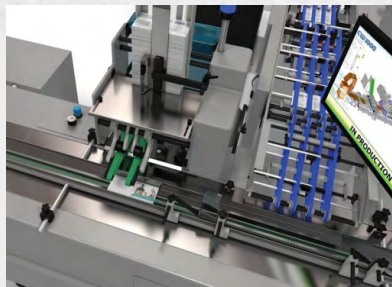Up to 4 catalogues, brochures, leaflets, etc can be selecttively fed into the box.

PACKVERTIZING

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

PC CONTROLLER

CMC Developed PC Carton manages the machine functions, exchanges data with customer's database and guarantees for total process integrity.

SAVINGS

MANUAL PROCESS   VS   CMC CARTONWRAP

LABOUR

LABOUR

VOID FILLERS

VOID FILLERS

No more Fillers!

SHIPPING COSTS

SHIPPING COSTS

24/7   24/7   24/7   24/7

UP TO 50% LESS VOLUME!   24/7

OPERATIONAL COSTS

Tons of different boxes to be moved from warehouse to the packing area

Only Fanfold or Cut Sheet Pallets to be moved!!!

OPERATIONAL COSTS

CMC **CARTONWRAP**

BENEFITS

MANUAL PROCESS — VS — CMC CARTONWRAP

INVENTORY MANAGEMENT
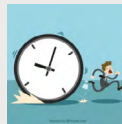Tons of different size and shape boxes to be ordered.

INVENTORY MANAGEMENT
SIMPLIFIED PURCHASING: ONLY FANFOLD OR CUT SHEETS PALLETS

BOX AVAILABILITY
Time is MONEY!

JUST-IN-TIME
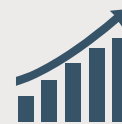BOX AVAILABILITY

SUSTAINABILITY
INCREASED VOLUMES
FILLERS
EXCESSIVE PACKAGING
WASTE

SUSTAINABILITY
Less tree cuts
Less CO2 Emissions

SCALABILITY
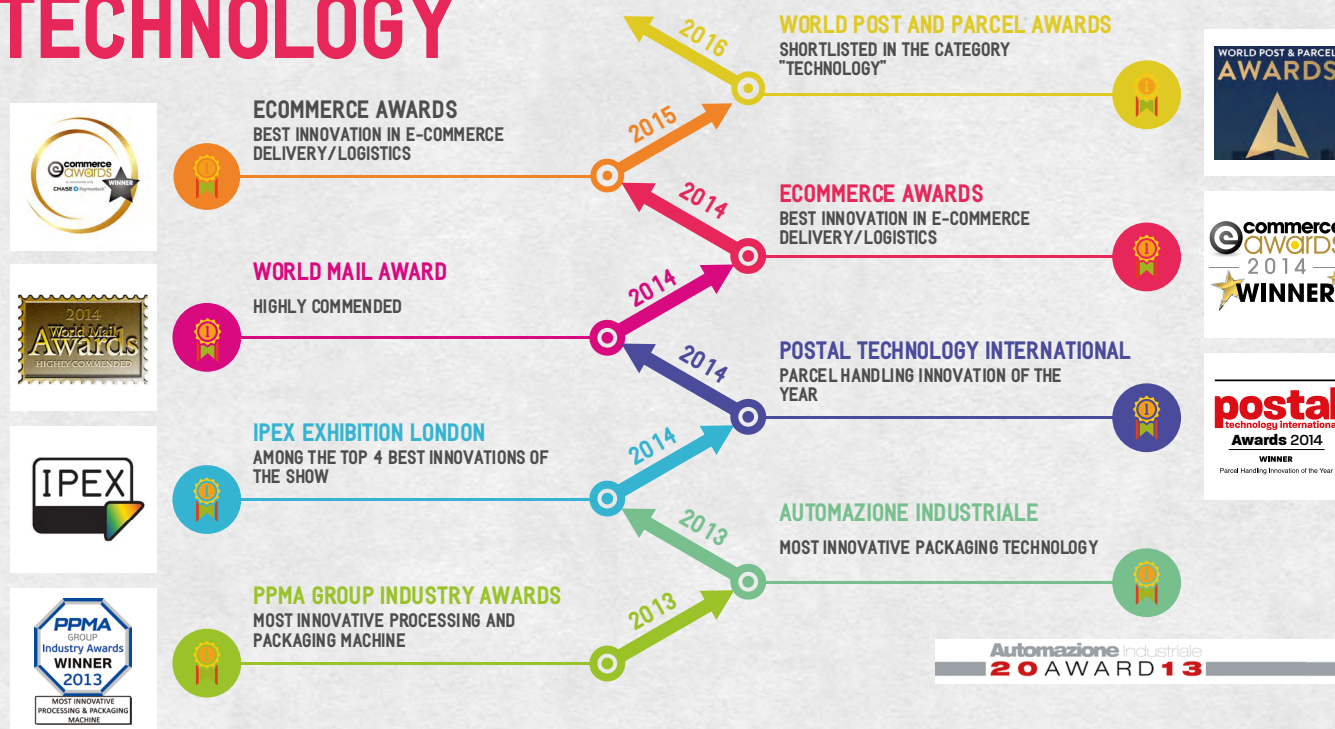When business grows manual process fails in keeping up with new needs

DEAD END

SCALABILITY
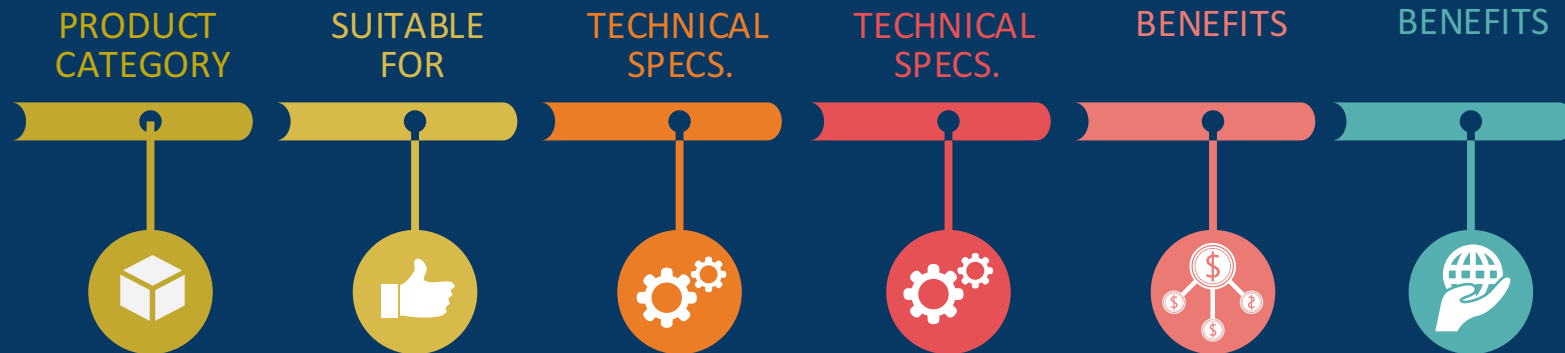Possibility to grow business through automation and offer new services

CMC CARTONWRAP

AN AWARD WINNING TECHNOLOGY

PRESTIGIOUS RECOGNITIONS THROUGH THE YEARS

2016
WORLD POST AND PARCEL AWARDS
SHORTLISTED IN THE CATEGORY "TECHNOLOGY"

2015

ECOMMERCE AWARDS
BEST INNOVATION IN E-COMMERCE DELIVERY/LOGISTICS

2014
ECOMMERCE AWARDS
BEST INNOVATION IN E-COMMERCE DELIVERY/LOGISTICS

WORLD MAIL AWARD
HIGHLY COMMENDED

2014

2014
POSTAL TECHNOLOGY INTERNATIONAL
PARCEL HANDLING INNOVATION OF THE YEAR

IPEX EXHIBITION LONDON
AMONG THE TOP 4 BEST INNOVATIONS OF THE SHOW

2014

2013
AUTOMAZIONE INDUSTRIALE
MOST INNOVATIVE PACKAGING TECHNOLOGY

PPMA GROUP INDUSTRY AWARDS
MOST INNOVATIVE PROCESSING AND PACKAGING MACHINE

2013

WORLD POST & PARCEL AWARDS

ecommerce awards 2014 WINNER

postal technology international Awards 2014 WINNER Parcel Handling Innovation of the Year

Automazione Industriale 20 AWARD 13

CMC CARTONPACK

MULTI ITEMS BOX ON DEMAND MACHINE

PRODUCT CATEGORY	SUITABLE FOR	TECHNICAL SPECS.	TECHNICAL SPECS.	BENEFITS	BENEFITS

CATEGORY

PACKAGING & FULFILLMENT

INDUSTRY

E-COMMERCE

FULFILLMENT

3PL

COSMETICS

B2C

B2B

SPEED

700 BOXES/HR

PERFECT SIZED FOR EACH CONSIGNMENT

BOX SIZE

MIN. 250X150X50MM

MAX. 400X600X350MM

SINGLE WALL AND DOUBLE WALL CORRUGATED

SAVINGS

LABOUR (FASTER ORDER CONSOLIDATION)

CORRUGATED

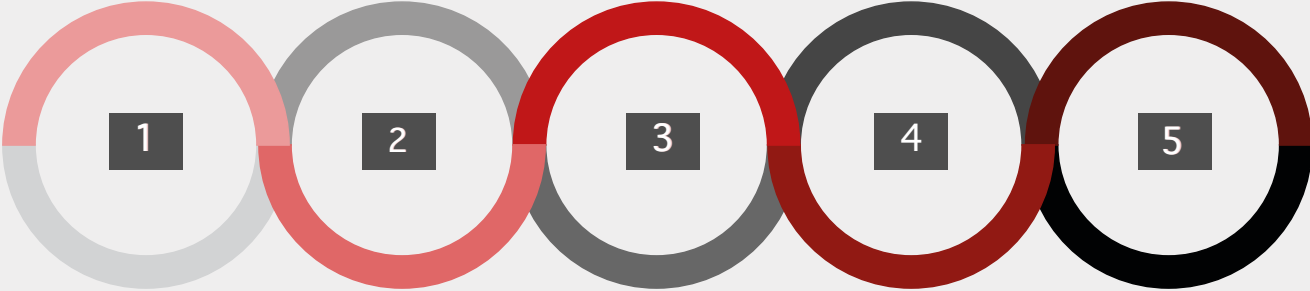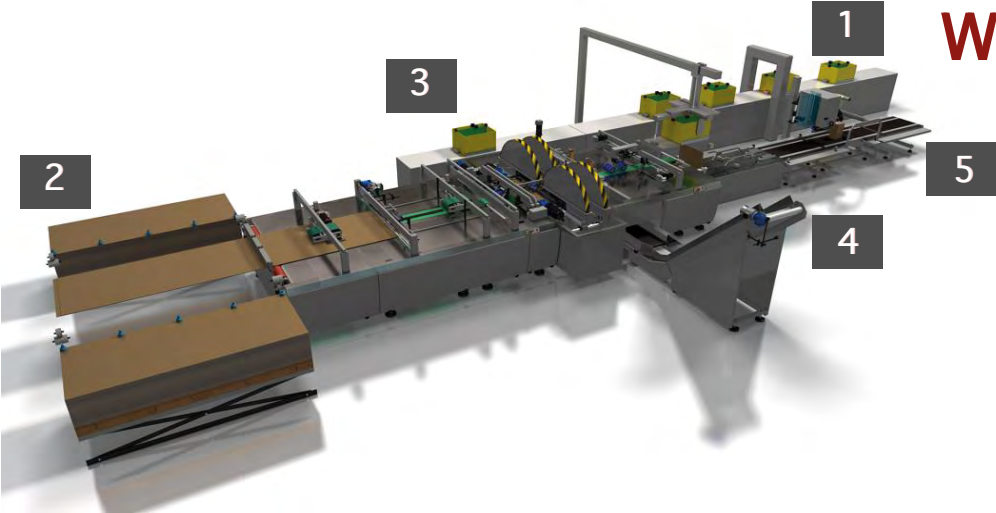INVENTORY MANAGEMENT

VOID FILLERS

SHIPMENT

SUSTAINABILITY

LESS TREES CUT

LESS CO2 EMISSIONS

FLEXIBILITY

PACKING TOGETHER SMALL, IRREGULAR SHAPED , MULTIPLE ITEMS IN A SINGLE PERFECT SIZED BOX

MACHINE WORKFLOW

PRODUCT INDUCT

A consolidated multiple item order placed in a Vary-Tote, enters the machine to be scanned and dimensioned.

CORRUGATED CUT SHEET SPLICER

Cardboard sheets are picked from one pallet and spliced one to the other to create a single flow. Once a pallet is completed, the other one starts feeding in order not to stop production.

BOX CUTTING AND FORMING

Cardboard is dinamically cut, scored, trimmed and pre glued based on the dimension received from the Vary-Tote. The chipouts are collected on a dedicated belt.

PICK&PLACE AND BOX FORMING MODULE

A Pick&Place system moves the Vary-Tote towards the preformed flat. Items are accurately filled into the pre formed box which then is glued and sealed.

LABELLING SYSTEM AND OUTPUT

Adhesive label printer and applier. Labels are printed in real time based on data coming from PC-CONTROLLER.

MACHINE HIGHLIGHTS

CMC VARY-TOTE

Fully designed and patented by CMC, CMC VaryTote® features two inner adjustable guides which are used to compact the items to the minimum possible volume.Thanks to the unique VaryTote® design, the operator can easily and quickly adapt the inner guides to each individual consignment that will determine the perfect box size.
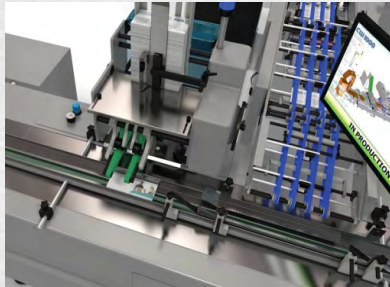
IN-LINE INVOICE PRINTER

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

SELECTIVE ENCLOSURES

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

PACKVERTIZING

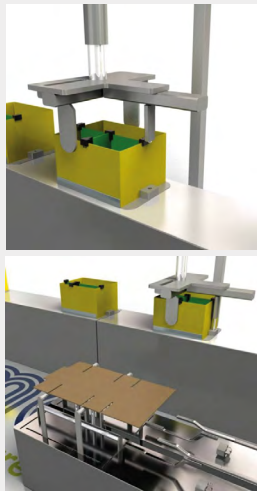CMC Unique Concept. Data Driven On Demand Packaging and Advertizing.
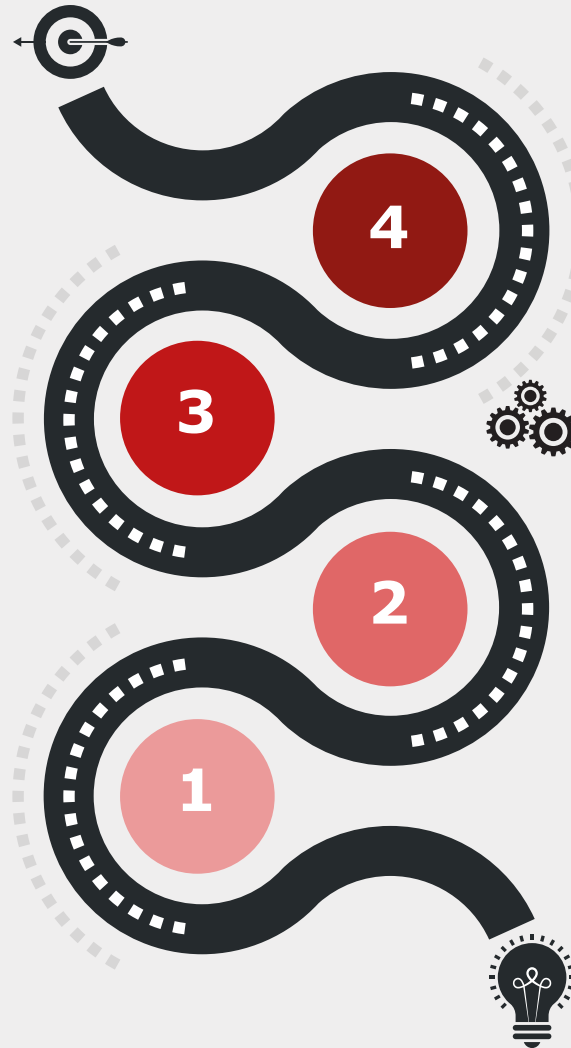
PC CONTROLLER

CMC Developed PC Carton manages the machine functions, exchanges data with customer's database and guarantees for total process integrity.

CMC VARY-TOTE:
THE ROAD TO MULTI-ITEMS FULFILMENT

A Pick and Place device moves the filled Vary-Tote towards a variable pre-formed flat

The Vary-Tote bottom automatically slides and accurately releases the items into the box

4

3

2

1
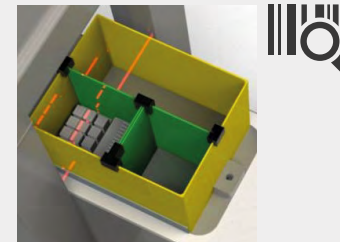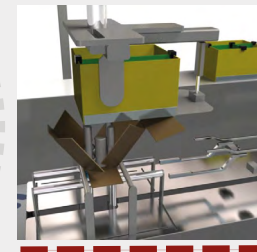
A laser scanner reads the 3 dimensions of the consolidated order

Multiple items are placed into the Vary-Tote

SAVINGS

MANUAL PROCESS   VS   CMC CARTONPACK

LABOUR

LABOUR

VOID FILLERS

VOID FILLERS

No more Fillers!

SHIPPING COSTS

24/7 24/7 24/7 24/7

SHIPPING COSTS

UP TO 50% LESS VOLUME! 24/7

OPERATIONAL COSTS

Tons of different boxes to be moved from warehouse to the packing area

Only Fanfold or Cut Sheet Pallets to be moved!!!

OPERATIONAL COSTS

CMC **CARTONPACK**

BENEFITS

MANUAL PROCESS **VS** CMC CARTONPACK

INVENTORY MANAGEMENT
Tons of different size and shape boxes to be ordered.

INVENTORY MANAGEMENT
SIMPLIFIED PURCHASING:
ONLY FANFOLD
OR CUT SHEETS PALLETS

BOX AVAILABILITY
Time is MONEY!

JUST-IN-TIME
BOX AVAILABILITY

SUSTAINABILITY
INCREASED VOLUMES
FILLERS EXCESSIVE PACKAGING
WASTE

SUSTAINABILITY
Less tree cuts
Less CO2 Emissions

SCALABILITY
When business grows manual process fails in keeping up with new needs

DEAD END
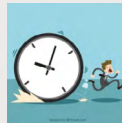
SCALABILITY
Possibility to grow business through automation and offer new services

CMC CARTONPACK

AN AWARD WINNING TECHNOLOGY

PRESTIGIOUS RECOGNITIONS THROUGH THE YEARS

2016

WORLD POST AND PARCEL AWARDS
SHORTLISTED IN THE CATEGORY "TECHNOLOGY"

2015

ECOMMERCE AWARDS
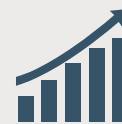BEST INNOVATION IN E-COMMERCE DELIVERY/LOGISTICS

2014

ECOMMERCE AWARDS
BEST INNOVATION IN E-COMMERCE DELIVERY/LOGISTICS

WORLD MAIL AWARD
HIGHLY COMMENDED

2014

2014

POSTAL TECHNOLOGY INTERNATIONAL
PARCEL HANDLING INNOVATION OF THE YEAR

IPEX EXHIBITION LONDON
AMONG THE TOP 4 BEST INNOVATIONS OF THE SHOW

2014

2013

AUTOMAZIONE INDUSTRIALE
MOST INNOVATIVE PACKAGING TECHNOLOGY

PPMA GROUP INDUSTRY AWARDS
MOST INNOVATIVE PROCESSING AND PACKAGING MACHINE

2013

CMC SMARTMAILER

FULFILLING IN PADDED MAILERS
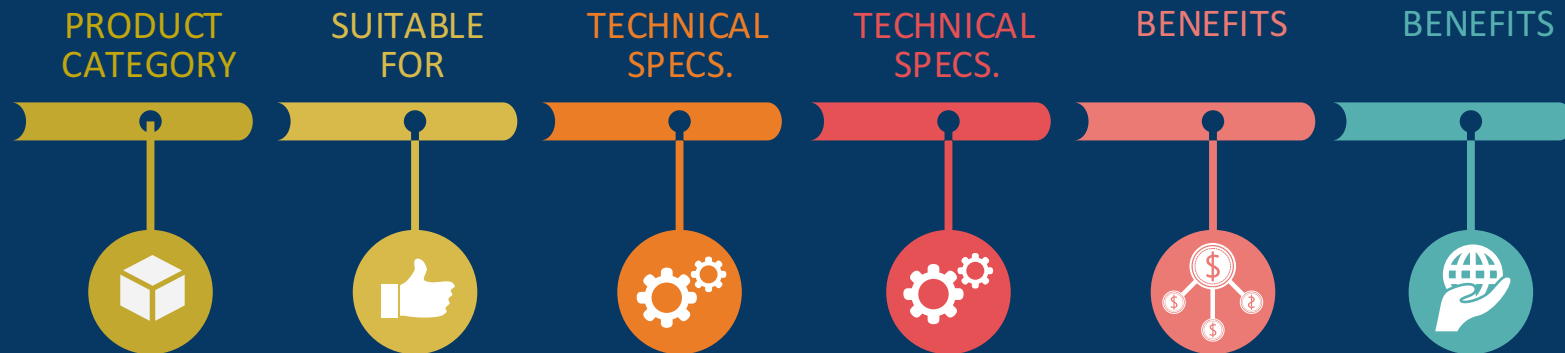
PRODUCT CATEGORY	SUITABLE FOR	TECHNICAL SPECS.	TECHNICAL SPECS.	BENEFITS	BENEFITS
CATEGORY	**INDUSTRY**	**SPEED**	**MAILERS SIZE**	**SAVINGS**	**FLEXIBILITY**
PACKAGING & FULLFILLMENT	E-COMMERCE	2.500 MAILERS/HR	MIN. MAX.	LABOUR	RIGID MAILERS
	FULFILLMENT		W:250-380MM	INVENTORY MANAGEMENT	PADDED ENVELOPES
	3PL		L:280-350MM	SHIPMENT	MODULARITY
	POD COMPANIES		THICKNESS 2-25MM	VOID FILLERS	DVD, BOOKLETS, BOOKS, FAVORS
	B2C				
	LETTERSHOPS				

MACHINE WORKFLOW
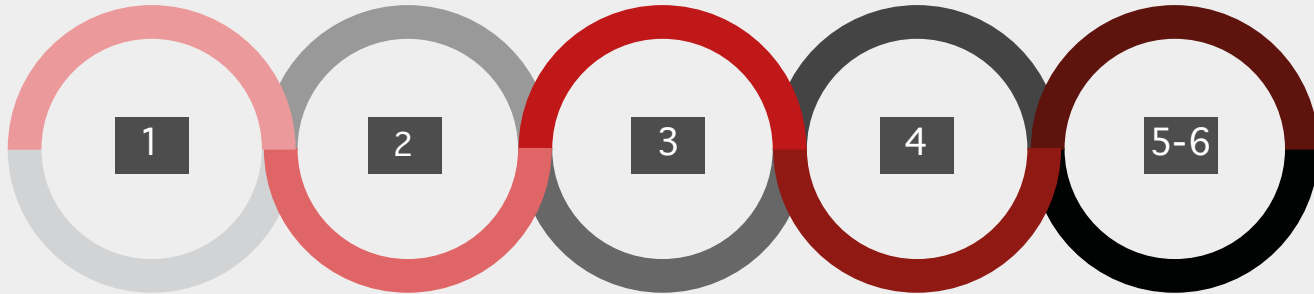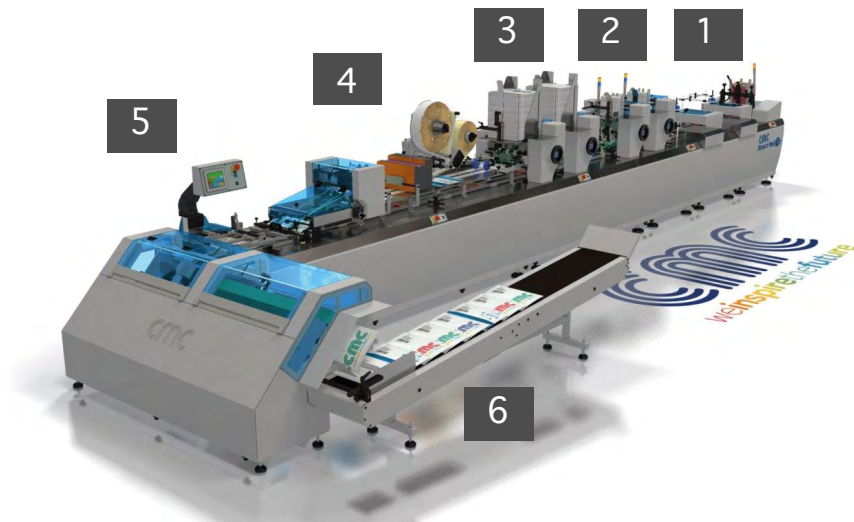
1 PRODUCT LOADING

Single items can be loaded either on the automatic feeder or in the manual station. A barcode on the item is then scanned.

2 INSERT FEEDERS

Selective feeders (1 to 6) for leaflets and brochures.

3 TWIN MAILER FEEDERS

The 1st feeder will be loaded with pre-printed mailers (Rigid or Padded). The 2nd optional feeder is for blank mailers that can be personalised on the fly.

4 LABELER & PRINTER

Automatic address labelling system, based on datafile. The optional full colour printer can add logos and marketing messages.

5-6 BAGGING/OUTPUT SECTION

The item is bagged into the mailer, the flap is hotmelt glued and final product placed on the collecting conveyor. This can also be integrated on existing systems. Faulty mailers will be diverted to a dedicated section before being glued so that they can be easily reprocessed.

MACHINE HIGHLIGHTS

AUTOMATIC OR MANUAL FEEDING

Possibility to feed items automatically or manually.
- Same size and shape products: through CMC feeder
- Variable items: on the manual station.

RIGID OR PADDED MAILERS

Items can be automatically bagged in different rigid or padded (bubble) mailers. Quick mailer size change-over.

SAVINGS IN SHIPMENT

CMC SMARTMAILER complements CMC Cartonwrap solution and allows to save shipping costs when small single items can be shipped in a padded mailer rather than a parcel.

PACKVERTIZING

CMC Unique Concept. Data Driven On Demand Packaging and Advertizing. Each mailer can be personalised on the fly with coloured logos and messages.

PC CONTROLLER

CMC Developed PC CONTROLLER manages the machine functions, exchanges data with customer's database and guarantees for total process integrity.

PACKVERTIZING
DATA DRIVEN ON DEMAND PACKAGING & ADVERTIZING SOLUTION
by CMC
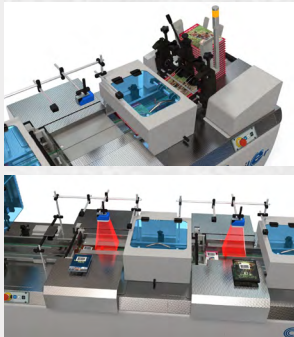
MANUAL OR PACKAGING PROCESS **VS** CMC SMART MAILER

LABOUR

ONLY 1,44 SECS
to process a complete order
with item, invoice and label

SHIPPING COSTS

PARCEL POSTAGE FEE

SHIPPING COSTS

LETTER POSTAGE FEE

VOID FILLERS

No more Fillers!

OPERATIONAL COSTS

Tons of different
boxes or mailers to
be moved from
warehouse to the
packing area

Only 1 Mailer can
be used: in line
personalisation!

OPERATIONAL COSTS

CMC **SMART MAILER**

BENEFITS

MANUAL OR PACKAGING PROCESS   **VS**   CMC SMART MAILER

INVENTORY MANAGEMENT

Tons of different size and shape boxes and mailers to be ordered.

INVENTORY MANAGEMENT

SIMPLIFIED PURCHASING: ONLY 1 TYPE OF MAILERS TO BE ORDERED

HUMAN ERROR

Manual operation increases the risk of error

100% DATA INTEGRITY

SUSTAINABILITY

INCREASED VOLUMES

FILLERS   **EXCESSIVE PACKAGING**

WASTE

SUSTAINABILITY

Less tree cuts
Less CO2 Emissions

SCALABILITY

When business grows manual process fails in keeping up with new needs

DEAD END
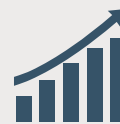
SCALABILITY

Possibility to grow business through automation and offer new services

CMC SMART MAILER

AN ARRAY OF PRODUCTS TO BE SHIPPED

WHY BEING CHARGED FOR A PARCEL IF YOU CAN SHIP INTO A PADDED MAILER?

SMALL KITCHEN TOOLS

SMALL TOYS AND GIFTS

Gift Card

STATIONARY

COSMETICS

BOOKS, BOOKLETS AND MANUALS

CLOTHES

ELECTRONICS AND SPARE PARTS

CDs, DVDs, PHONE CASES

CMC SMART MAILER

Packvertzing: The capability to produce different sized packages with variable personalized messages and images dynamically, using client's databases or unique barcodes. This unique concept was created in 2016 by CMC Srl and combines the award winning CMC CartonWrap technology with Full Colour Inkjet personalization on the package.
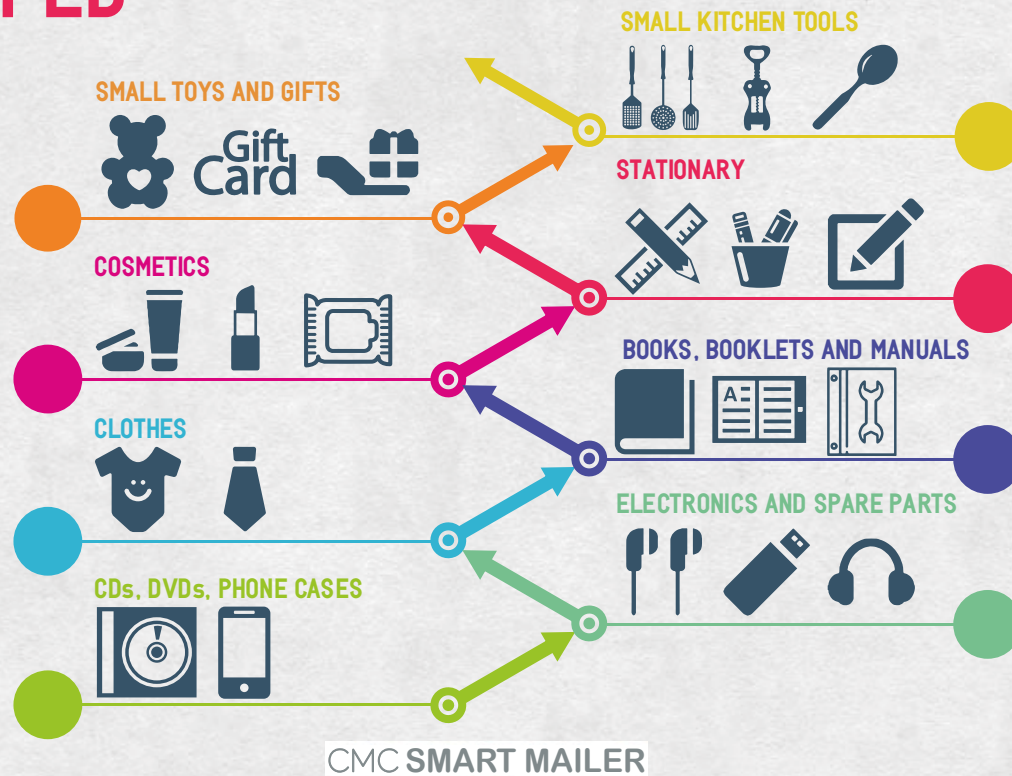
PackVertizing is a ground breaking concept which will revolutionize the way Companies communicate and deliver promotional messages and products to their customers. PackVertizing allows e-tailers and 3PLs to sell advertising space on the package to 3rd party companies as a potential profit stream. PackVertizing 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.

CMC PACKVERTIZING

THE REAL DISRUPTIVE INNOVATION
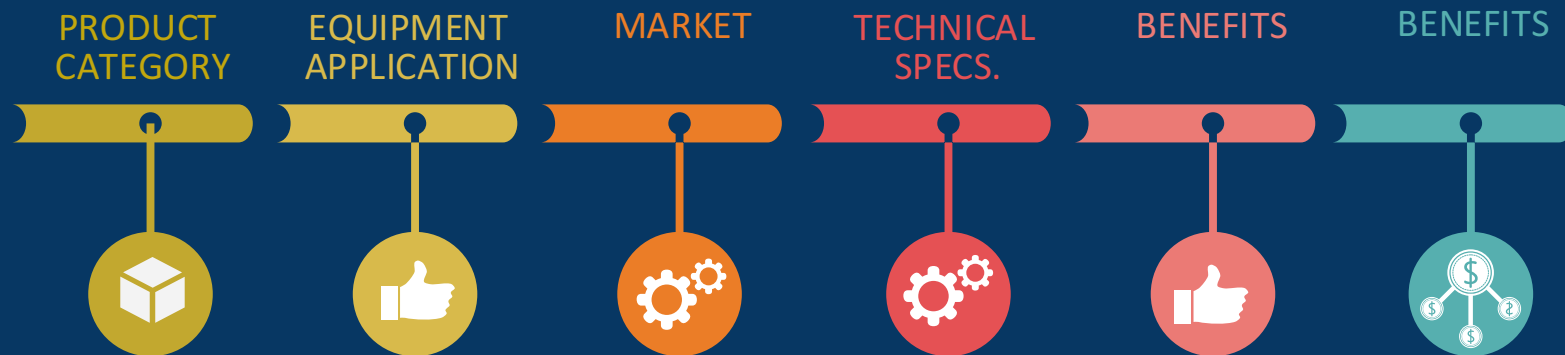
PRODUCT CATEGORY	EQUIPMENT APPLICATION	MARKET	TECHNICAL SPECS.	BENEFITS	BENEFITS
CATEGORY	**MACHINE**	**INDUSTRY**	**PRINTER SPECS**	**TARGETED BOX**	**SAVINGS**
PACKAGING & FULLFILLMENT	CMC CARTONWRAP CMC CARTONPACK CMC SMARTMAILER	E-COMMERCE FULFILLMENT 3PL COSMETICS B2C B2B	FULL COLOUR INK-JET CMC DEVELOPED CONTROLLER RESOLUTION: 1600X1600 DPI 1600X800 DPI PRINT WIDTH: 210MM 8"	ANY LOGO AND MESSAGE PRINTED ON THE FLY NO NEED TO BUY PRE-PRINTED BOXES ALLOWING FOR SHORT RUNS/MARKETING CAMPAIGNS SUSTAINABLE SOLUTION	INVENTORY MANAGEMENT: ONLY PLAIN CARDBOARD TO BE STOCKED MULTI-BRAND JOBS OPTIMIZATION OF PRODUCTION LEAD TIMES AND COSTS

SAY GOODBYE TO BLAND BOXES

PACKAGING IS MORE THAN A BOX: IT'S ELEVATION OF BRANDING, EMOTIONS AND IMPACT ON CUSTOMERS

SHIPPING LABELS AND COURIERS

Shipping labels with brand building and box sorting by couriers

PROMOTIONS AND SPECIAL OFFERS

Use the box to promote special offers based on consumers' behaviour and geographical areas

ON-LINE-OFFLINE EXPERIENCE

Tie the on-line and offline experience to engage customers

QR CODES

Dynamic QR codes to enhance customer's shopping experience

AUGMENTED REALITY

Exciting and memorable animated boxes with AR

ADVERTIZING

Sell advertizing space to 3rd parties to offset the cost of your box

GREETINGS/GIFTS FOR SPECIAL OCCASIONS

Deliver surprise: print special occasions greetings and give the box a real gift wrap look

BRANDING

Increase brand awareness with company and product logos

PACKVERTIZING APPLICATIONS

QR CODES
QR codes can directly connect the box to e-retailers videos, catalogues, etc.

ONLINE-OFFLINE EXPERIENCE
Data driven personalised recommendations to bring customers to brick and mortar stores and continue shopping.

PROMOTIONS
Personalised 1:1 promotions based on customer's habits or regional areas.

SHIPPING LABELS
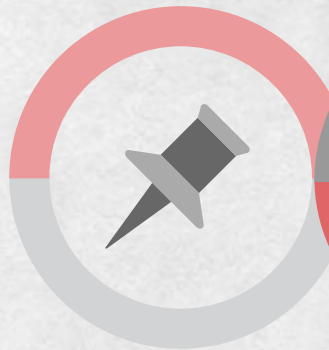Printed shipping labels with dynamic brands and messages rather than static adhesive ones.

COURIERS
3PL or e-tailers can add courier logos and sort boxes accordingly.

MAKE IT PERSONAL, MAKE IT WORK!

PACKVERTIZING APPLICATIONS

BRANDING

Dynamic company and product logos can build brand awareness and give the box a higher value.

GREETINGS

Greeting for special occasions with dynamic images and big names make the box personal.

GIFTS

Boring shipping parcels can turn into a nice gift boxes with colour and greetings.

ADVERTIZING

3PL or e-tailer can sell space for targated advertising to 3rd parties. Incomes help offset shipping cost.
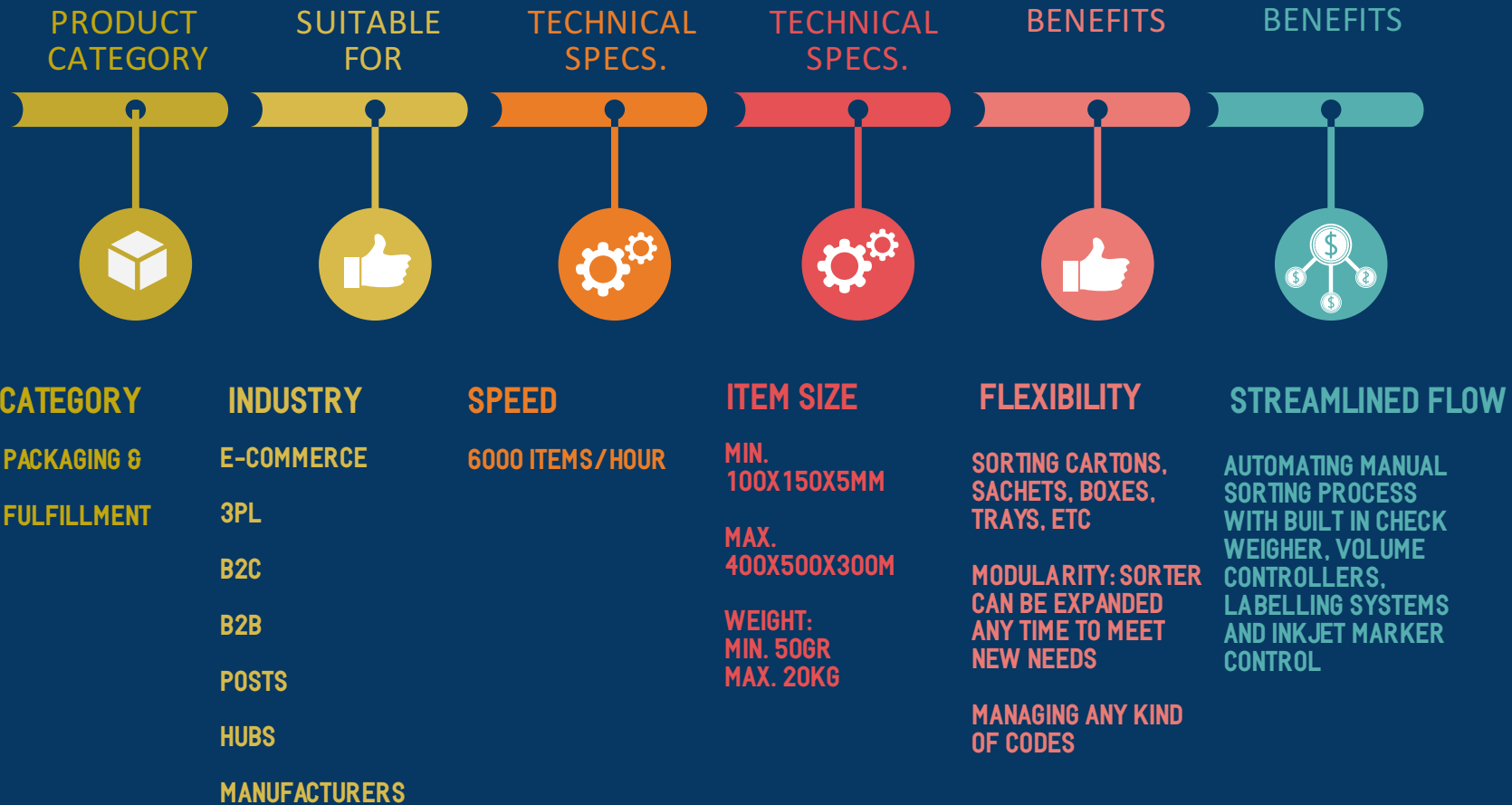
AUGMENTED REALITY

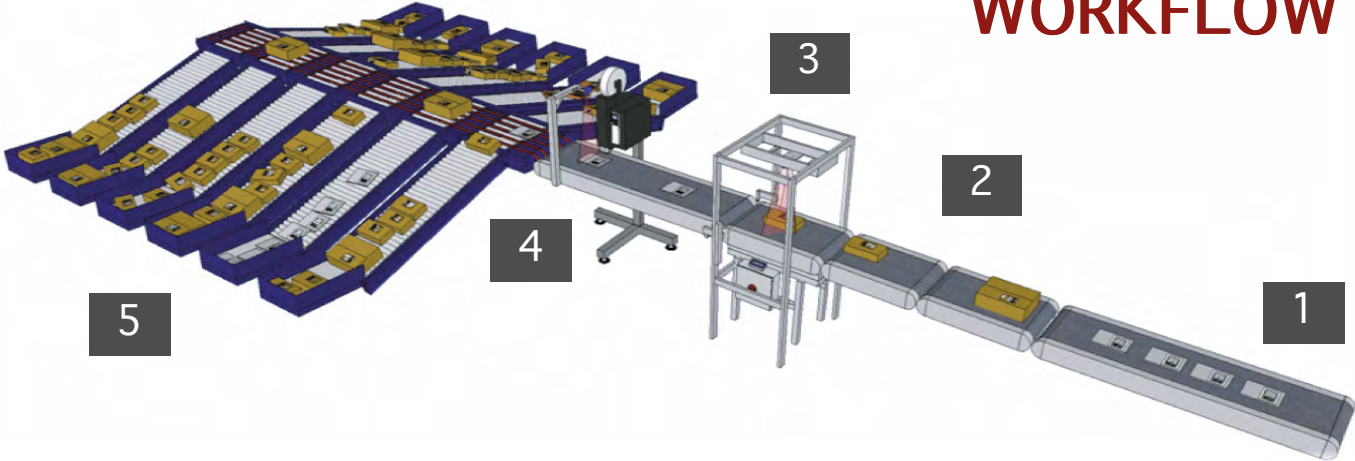Augmented Reality animates the boxes: a real marketing instrument!l

SAY GOODBYE TO BLAND BOXES

CMC PARCEL SORTERS

AUTOMATED PARCEL SOLUTIONS

PRODUCT CATEGORY	SUITABLE FOR	TECHNICAL SPECS.	TECHNICAL SPECS.	BENEFITS	BENEFITS
CATEGORY	**INDUSTRY**	**SPEED**	**ITEM SIZE**	**FLEXIBILITY**	**STREAMLINED FLOW**

CATEGORY

PACKAGING & FULFILLMENT

INDUSTRY

E-COMMERCE

3PL

B2C

B2B

POSTS

HUBS

MANUFACTURERS

SPEED

6000 ITEMS/HOUR

ITEM SIZE

MIN. 100X150X5MM

MAX. 400X500X300M

WEIGHT: MIN. 50GR MAX. 20KG

FLEXIBILITY

SORTING CARTONS, SACHETS, BOXES, TRAYS, ETC

MODULARITY: SORTER CAN BE EXPANDED ANY TIME TO MEET NEW NEEDS

MANAGING ANY KIND OF CODES

STREAMLINED FLOW

AUTOMATING MANUAL SORTING PROCESS WITH BUILT IN CHECK WEIGHER, VOLUME CONTROLLERS, LABELLING SYSTEMS AND INKJET MARKER CONTROL

MACHINE WORKFLOW

1 — PRODUCT INDUCT

Items (cartons, trays, boxes, sachets) are manually placed on a feeder conveyor.

2-3 — PHASING

In case of multiple entries, products are delivered in perfect synchronisation before entering the main line.

4 — CODE READING CHECK WEIGHER

Items are identified by means of a reader and pass through a check weigher to detect the weights. Data are sent to a PC Controller to sort them accordingly.
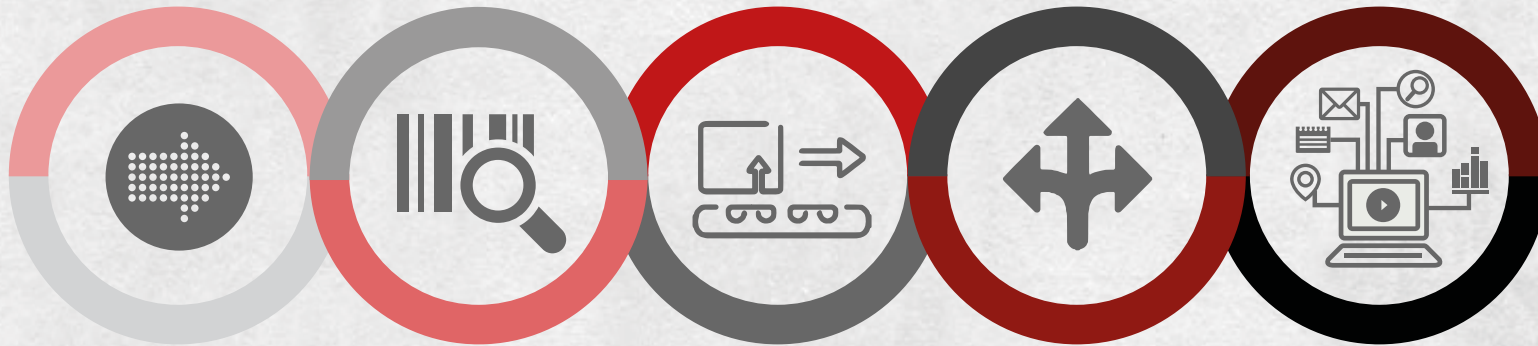
5 — LABELER

Optional label printer and apply system.

6 — SORTING

Items are conveyed and automatically placed inside specific containers or shipping bags. Reject belt for miss-reads and fault packages.

MACHINE HIGHLIGHTS

FEEDING

Motorised conveyor belt for manual deposit of the product with diverters and rate regulators.

IDENTIFICATION

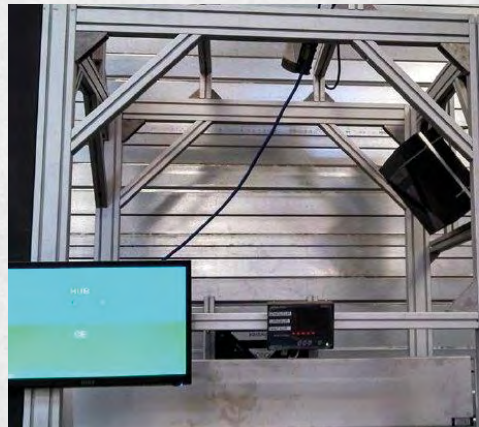Datamatrix, Barcodes and OCR. Volumetrical analysis.

SORTING

Motorised roller conveyor, photocell detection and pneumatic rejection.

EXITS

Sloped sliding rails, automatic bags or container filling and manual picking area.

PC CONTROLLER

Programming keyboard, jobs monitoring, data restoration, log files creation.

E-COMMERCE SOFTWARE SOLUTIONS

SOLUTIONS FOR ANY PRODUCTION ENVIRONMENT

WAREHOUSE MANAGEMENT

ADDRESS MANAGEMENT

COMMUNICATION MANAGEMENT

PICKING PROCESS OPTIMIZATION

PACKING SOLUTIONS

RETURN MANAGEMENT

TAILOR MADE SOFTWARE APPLICATIONS TO MANAGE AND SUPPORT THE WAREHOUSE OR DISTRIBUTION CENTER AND STAFF

SOFTWARE TO ENSURE ADDRESS ACCURACY AND MANAGE ADDRESS DATABASE

SOFTWARE TO CREATE RELEVANT, ACCURATE AND HIGHLY PERSONALISED CONTENT

STREAMLINE ANY PICKING PROCESS WITH DATA INTEGRITY

IMPLEMENTATION OF MOST SUITABLE AUTOMATED PACKAGING SOLUTIONS

INTEGRATE ALL RETURN ACTIVITIES INTO ONE CONTROLLED PROCESS