

GENESYS

THE NEXT GENERATION 3D BOX ON DEMAND MACHINE



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CMC Genesys the only auto-packer that can be directly connected to a warehouse storage through the **CMC Patented Vary-Tote system**.

Orders are automatically picked and consolidated in the CMC Vary-Tote which is directly conveyed to the **Genesys auto packing system**.

CMC Genesys is the **ultimate solution for packaging automation**.

By using plotter to cut and crease the exact box template, CMC Genesys creates a unique box structure that not only uses less cardboard than a standard Regular Slotted Cartons but also holds items in position removing the need for void fill. When the plotter cuts and creases the flat blank, trimmings aren't cut out and discarded, but folded inside the 4 edges of the box creating a containing barrier for multiple items.

The end customer experience is enhanced through the box "easy open" and "resealable strip", as the same box can also be used for returns.

As any other CMC auto packing solutions, the machine dramatically **saves labour costs and reduces freight/box volumes and cardboard consumption**. Just in time consolidation in the Vary-Tote eliminates completely needless offline operations and allows to keep pace with the machine speed thus **improving productivity**.

TECHNICAL SPECIFICATIONS

Min. box size:
260x200x60

Max. box size:
560x380x290

Maximum mechanical speed:
900 boxes/hour

CMC VARY-TOTE



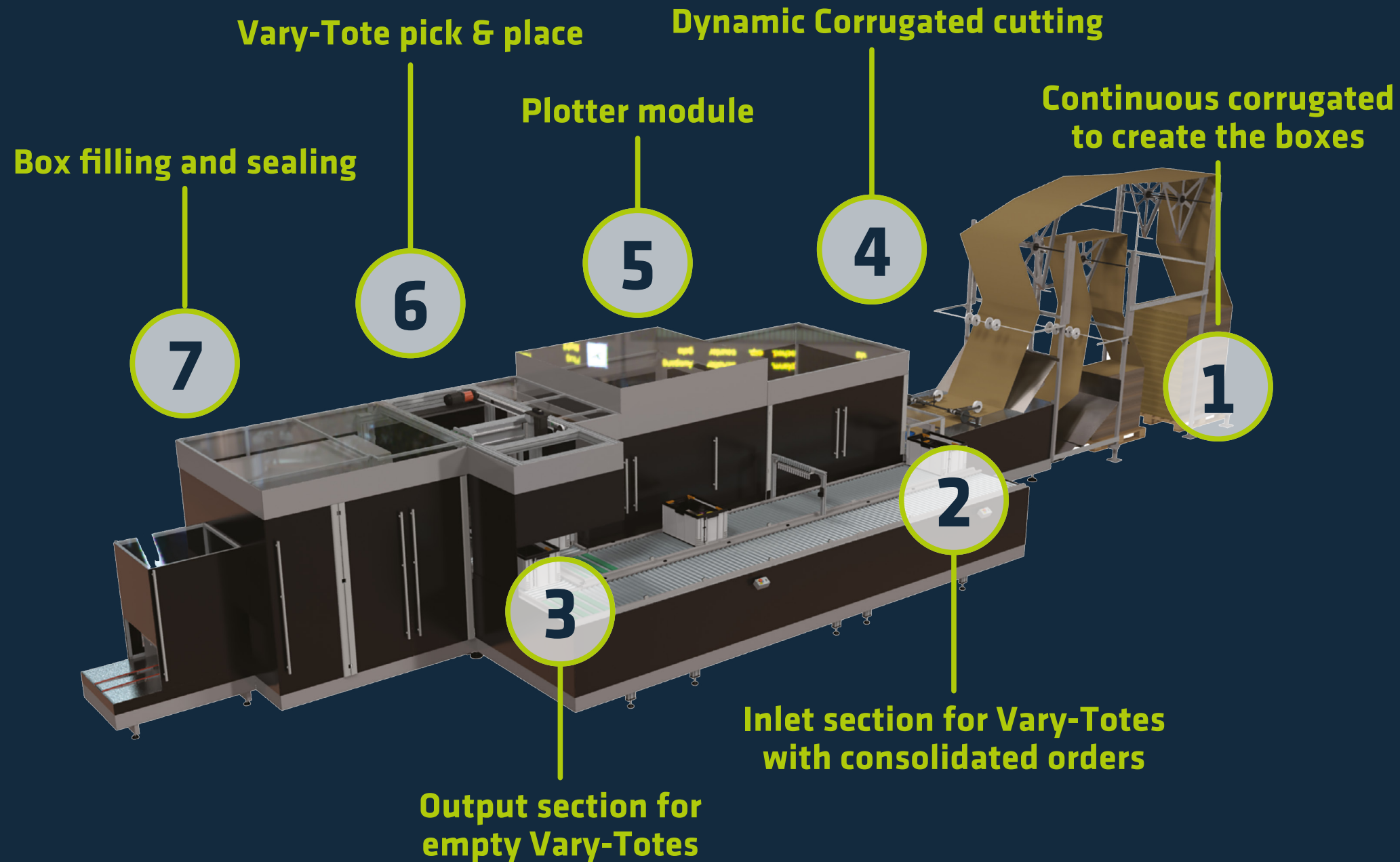
TECHNICAL SPECIFICATIONS

DIMENSION: 600X400X350mm

Maximum loading weight: Kg 14

Vary-Tote is a CMC's designed and patented transport tote that can directly connect CMC packing line with the picking area. Picked items are placed inside the Vary-Tote which features two inner adjustable guides used to compact the selected items to the minimum possible volume. This adjustment, which will be scanned

at the CMC Genesys inlet, will determine the dimension of each box which will be unique to each individual consignment. This innovative concept is particularly well-suited for collecting and packing multiple regular or irregular shaped items within a size range **without the requirement to be strapped or wrapped together**



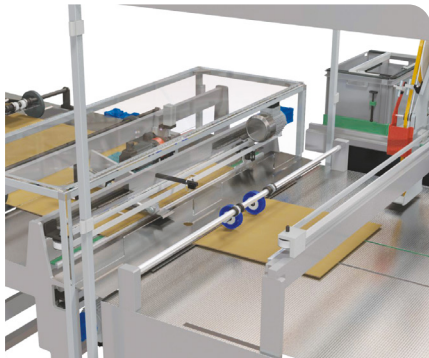
STRONGER SUSTAINABLE BOX



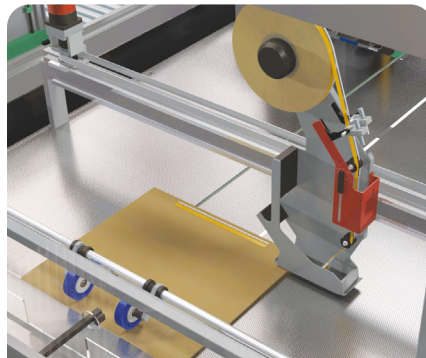
Containing "barrier" to hold items



Easy Opening and reseal for returns



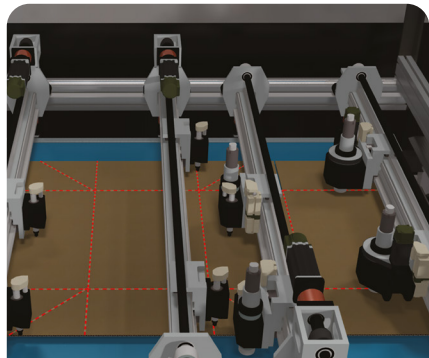
DYNAMIC CORRUGATED CUTTING



EASY OPENING AND RESEALING STRIP



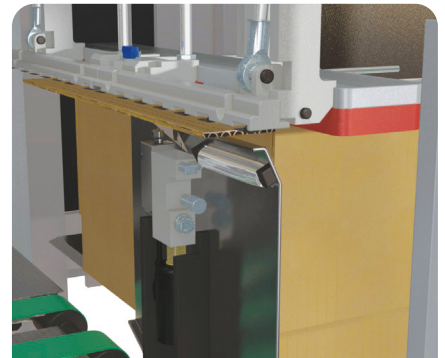
SIDE TRIMMING



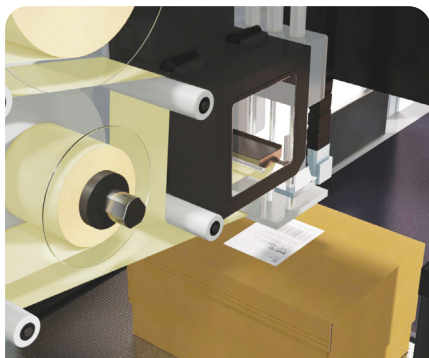
PLOTTER CUTTING AND SCORING



PICK AND PLACE - PRODUCT INSERTING



BOX CLOSING



LABEL PRINT & APPLY



FINAL BOX



WHY IT PAYS TO GO CMC 3D PACKAGING

3D packaging is a packaging concept brought to market by CMC in 2013: highly customised and perfect sized boxes for any order, just-in-time.

- Reduce box size. On average today shipped parcels contain 40% empty space
- Save on cardboard creating a right-sized package for each order
- Save on shipping costs
- Eliminate unsustainable void fill with right sized boxes
- Simplify box inventory with only fanfold to be stocked
- Increase sustainability. Generate less waste and reduce carbon footprint with more boxes loaded on trucks
- Make your box more robust and reduce product damages eliminating empty space
- Reduce labour costs through automation
- Improve customer satisfaction and create the WOW effect with CMC Packvertizing 1:1 full colour printing

Caring for the environment, caring for your profits



BENEFITS



OUTSTANDING TECHNICAL FEATURES

- *Multi-line orders are fulfilled without pre-consolidation*
- *No need to strap or wrap items together*
- *Single workflow for both singles and multis*
- *Quick diagnostic and maintenance*



OUTSTANDING MATERIAL AND PROCESS SAVINGS

- *Labor savings by eliminating any human loading and operations*
- *Less carboard consumption*
- *Improved shipping costs with less volume shipped*
- *No void fill*



OUTSTANDING CUSTOMER EXPERIENCE

- *Exceptional box strength*
- *Improved customer experience with easy-opening resealing and Packvertizing*
- *Less environmental impact*
- *Multi-channel ready*