



OPERETTA

PICK AND PACK
IN A GLANCE

PANOTEC®

**Discover our innovative box.
Your parcel's shield.**

OPERETTA, our cutting-edge solution designed to transform the way you approach packaging in logistics and e-commerce.

High-speed system for the production of erected and customized boxes.

FEATURES

OPERETTA's Cutting-Edge Features

Perfectly Tailored Boxes: OPERETTA enables the creation of custom-sized boxes tailored precisely to the items they will contain. Say goodbye to excess packaging material and hello to a perfect fit.

Filling Material: With OPERETTA, there's no need for unnecessary filler material. Experience a significant reduction in the use of packing materials, contributing to cost savings and environmental sustainability.

Streamlined Process: By reducing operators' involvement during the process, OPERETTA minimizes potential human errors and increases packing speed.

Reduced Packaging Time: OPERETTA's automated technology minimizes handling and box procurement times, enabling your team to focus on the filling phase.

Logistic Optimization: Custom-sized boxes mean optimized use of space during transportation, leading to more efficient logistics. OPERETTA contributes to reduced shipping costs and increased overall operational efficiency.

Eco-Friendly Solution: Minimize cardboard waste with OPERETTA's on-demand packaging, making it a green alternative for sustainable packaging practices.

FIELDS OF APPLICATIONS

E-commerce
Logistics centers
Spare parts warehouses

TYPE OF ORDERS SHIPPED

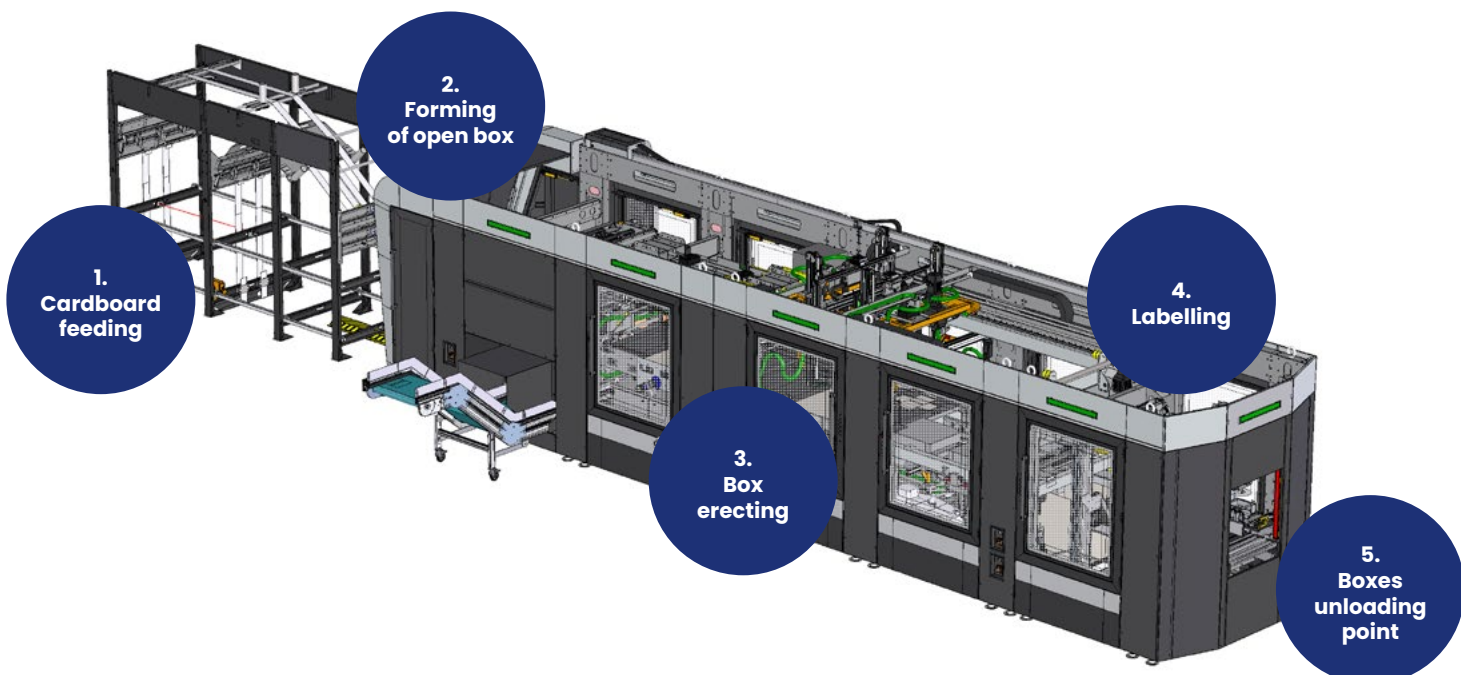
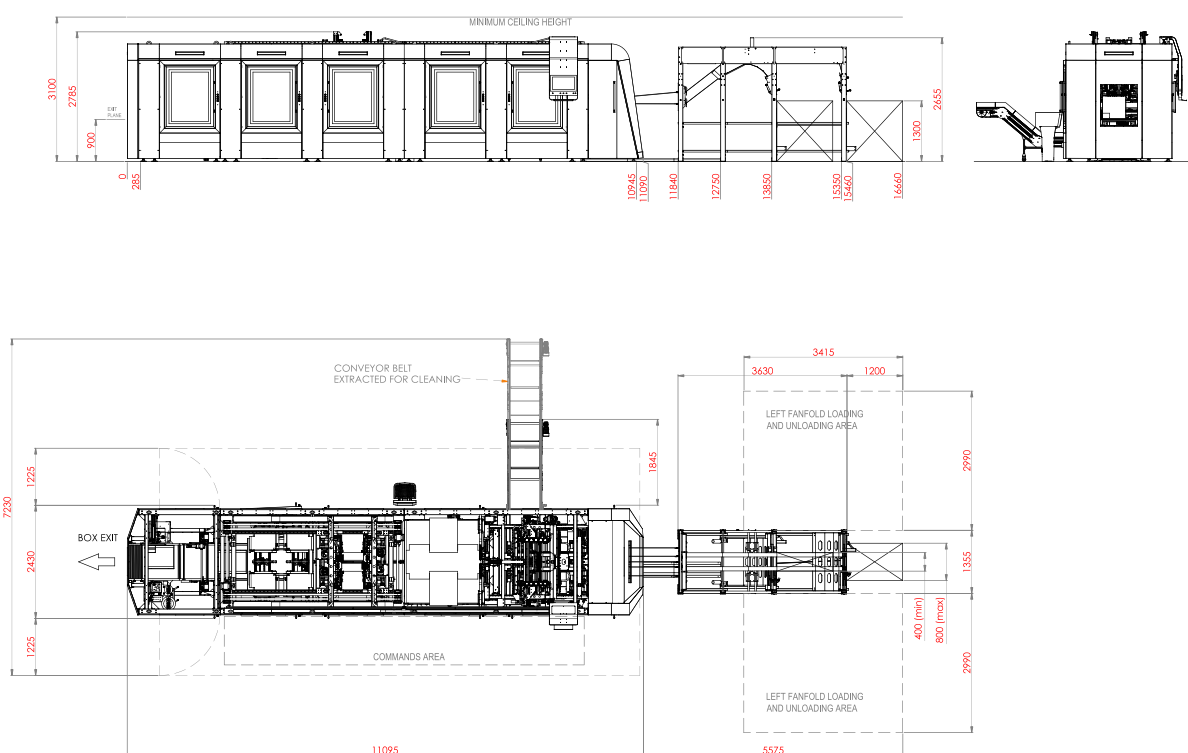
Single or multiple items
with high flexibility in size



TECHNICAL INFO

Layout

The compact and linear design of OPERETTA's footprint enables customers to simplify the integration of the line into their current workflows.



TECHNICAL INFO

Bye bye damaged packaging

The box is designed to be reinforced on its four sides to ensure high protection of the product during transport. The reinforced corners allow the boxes to be stacked on top of each other without being damaged or crushed under their weight.



BOX DIMENSIONS

Max: L 600mm / W 500mm / H 450mm
Min: L 200mm / W 150mm / H 50mm

THICKNESS

From 1.8mm to 4mm

FLUTE

Single wall B or E, Double wall E/E

PRODUCTIVITY

Max size
7 pcs / min

Min size
15 pcs / min



FANFOLD WIDTHS

MAX FORMAT: width 800mm
MIN FORMAT: width 400mm

Just 2 narrow cardboard widths to create a very wide variety of boxes.

HOW IT WORKS

Let's understand the process!

OPERETTA, a cutting-edge solution crafted by Panotec, revolutionizes the packaging process with its seamless and efficient operation.

Here's a step-by-step breakdown of how OPERETTA works:

01

Client Software Order Placement:

- The client initiates the process by sending orders through specialized software.

02

QBOX Software Integration:

- Every order detail seamlessly transfers to QBOX, a sophisticated software developed by Panotec.
- QBOX analyzes the items list for each box, optimizing dimensions for precise packaging.

03

OPERETTA Production:

- OPERETTA, the state-of-the-art machine, manages the production of on-demand cardboard boxes with exact specifications and applies the RFID label.
- The boxes are tailored to accommodate a variety of item sizes, ensuring efficiency and minimizing wasted space.

04

Operator Involvement:

- Operators, equipped with the perfectly sized boxes, receive them for filling.
- The QBOX software shows operators a preview of the products in the box for correct insertion.
- They efficiently place the various items into the boxes, ensuring a snug fit and preventing unnecessary empty spaces.

05

Box Closure:

- After filling, operators securely close the boxes, preparing them for the next stage of the process.
- OPERETTA box model mirrors the configuration commonly found in American FEFCO 0201 boxes, allowing for seamless integration with standard taping machines available in the market.

06

Conveyor Integration:

- The closed boxes are placed back onto conveyor rollers for smooth transition and ease of movement.

07

Final Shipment Preparation:

- The conveyor system seamlessly moves the filled and closed boxes towards the final shipment stage.
- By optimizing box sizes, OPERETTA minimizes the risk of half-empty trucks, reducing transportation costs and environmental impact.

08

Strength and Durability:

- OPERETTA's box design ensures superior strength, minimizing the risk of items breaking during transit.
- This unique feature not only enhances the overall reliability of the packaging but also contributes to customer satisfaction.

09

Adaptability to Any Layout:

- OPERETTA's flexible design allows it to seamlessly integrate into any production or logistics layout.
- This adaptability ensures that the solution can be tailored to the specific needs of different businesses.

In essence, OPERETTA streamlines the packaging process, offering a bespoke solution that not only reduces operational inefficiencies but also contributes to cost savings and customer satisfaction.

GREEN VISION

OPERETTA is designed to minimize waste and reduce environmental impact.



Custom on-demand packaging

OPERETTA’s custom packaging is created on demand using the QBOX software developed by Panotec. This innovative software enables our customers to produce boxes tailored to the specific dimensions of individual or multiple items, ensuring a perfect fit every time.

Eliminating the need for filler materials

Our optimized custom packaging solutions eliminate the need for filler materials, reducing unnecessary waste and minimizing environmental impact.

Efficient shipping and reduced emissions

By utilizing custom-fit boxes, shipments are packed more efficiently, maximizing space in trucks and reducing the number of required shipments. This leads to decreased emissions and a significant reduction in the environmental impact of transportation.

4 WORDS TO DESCRIBE OPERETTA



PRECISION
Create the perfect fit for every item, minimizing excess material usage.



SUSTAINABILITY
Embrace a greener packaging solution with reduced waste and environmental impact.



EFFICIENCY
Streamline your packaging process, saving time and resources.



COST SAVINGS
Optimize logistics, reduce shipping costs, and enhance your bottom line.

Upgrade your packaging experience with OPERETTA.

Embrace innovation, sustainability and efficiency.

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