



ADAPTAFORM ADAPTABOX

BOX FORMING
AND CLOSING
MACHINES

PANOTEC®

ADAPTAFORM & ADAPTABOX

Modular systems for custom box making, forming and sealing

AdaptaForm and AdaptaBox are Panotec systems designed for the automated management of **custom-sized packaging creation, forming and sealing**, engineered for production environments with **high dimensional variability** and the need for **operational flexibility**.

The two systems can be installed **independently** or **integrated into complete lines dedicated to the FEFCO 410 format**, thanks to a **modular architecture** configurable according to available space, production volumes and required automation level.

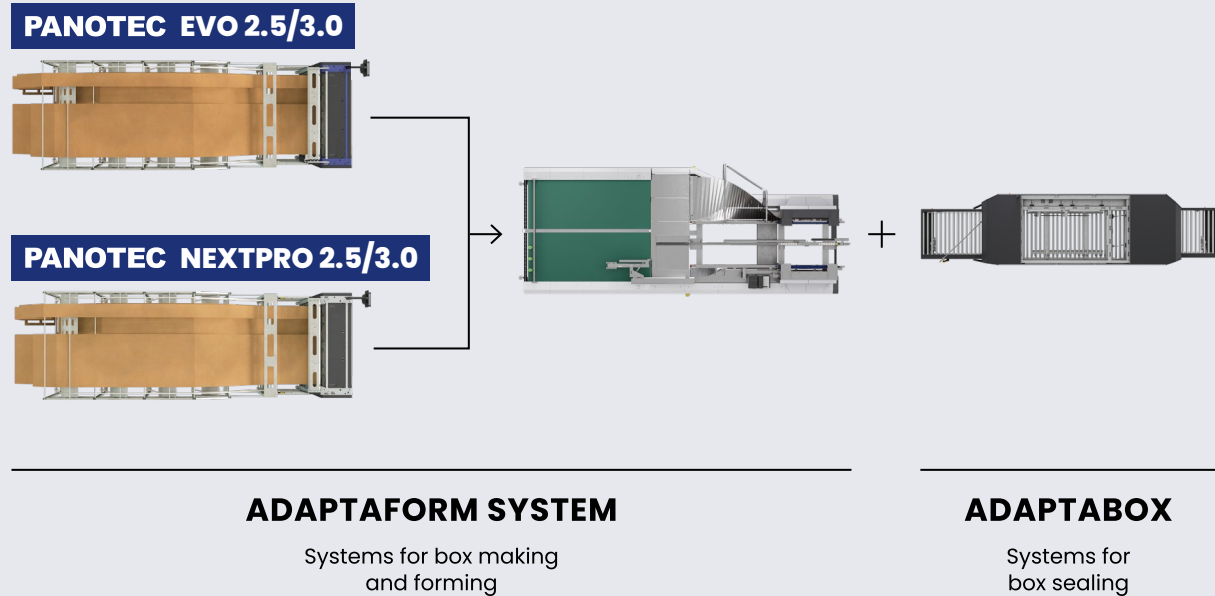
AdaptaForm and AdaptaBox precisely address the needs of high-variability sectors such as furniture, shower enclosures and digital printing, ensuring compactness, efficiency and plant scalability in right-size packaging.



Maximum modularity

The modular design of our box sealing and forming machines offers flexible configurations, ideal for adapting to any production layout.

They integrate seamlessly with Panotec packaging systems, creating a complete and optimized solution.



Application Sectors

AdaptaForm and AdaptaBox fully meet the requirements of numerous industrial sectors, fully automating the end-of-line process and therefore reducing both processing time and labor requirements.

	Flat-pack furniture		Panels
	Radiators		Shower enclosures and shower trays
	Doors, panels and windows		Digital printing



ADAPTAFORM

Automatic creation and forming of custom-sized boxes

Configurable with

Evo 2.5/3.0

Nextpro 2.5/3.0

AdaptaForm is the Panotec system designed for the automatic production of custom-sized boxes in a single compact solution.

Starting from a continuous cardboard module, it performs cutting and creasing and completes the process with box forming, integrating all operational phases in line.

An optimal configuration that reduces intermediate steps, simplifies management and ensures maximum efficiency even in limited industrial spaces.

AdaptaForm can be configured with Panotec Evo or Panotec NextPro packaging machines, allowing the most suitable combination to be selected according to product size and production performance.

KEY ADVANTAGES

Productivity and production flexibility

Designed to manage both batch production and highly variable production flows, with rapid transitions between different formats and operating conditions.

Compact and integrable solution

A compact architecture that combines box making and forming in a single unit, reducing footprint and simplifying integration into existing lines or new production configurations.

Workforce optimization

An automated process that eliminates repetitive manual operations, reducing the need for dedicated personnel and minimizing the risk of human error in the packaging process.

Handling of large boxes

Designed to manage long lengths and large formats, ensuring stability, precision and consistent forming quality even on large-surface packaging.



ADAPTABOX

Automatic sealing of FEFCO 410 boxes

AdaptaBox is the Panotec modular solution for the automatic sealing of custom-sized cardboard boxes compatible with FEFCO 410 and similar formats.

Using hot-melt glue, it ensures secure and precise sealing on boxes of different sizes, operating continuously without interruptions.

Thanks to automatic format change management and its modular configuration, it optimizes the end-of-line process, improves production efficiency and ensures consistent quality throughout the packaging process.

VANTAGGI PRINCIPALI

Consistent sealing quality

Hot-melt gluing system for reliable, uniform and repeatable sealing over time, enabling tamper-evident boxes and consistent quality standards even in continuous production.

Efficient handling of variable sizes

Automatic format change without machine downtime, enabling the management of dynamic and highly variable production while reducing interruptions.

Flexible operating modes

Operational configuration suitable for both batch production and variable workflows, maintaining high performance and consistent sealing quality under all production conditions.

Modular architecture

Designed to operate either as a stand-alone unit or integrated into automated lines, with customizable configurations according to the specific requirements of the production process.

TECHNICAL FEATURES

AdaptaForm

Integrated version with EVO packaging machine

● TECHNICAL TABLE

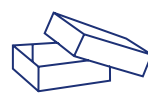
PARAMETER	VALUE
Box type	410, 300, 453
Batch production	up to 7 pcs/min
Flexible production	up to 3 pcs/min
Processable box length	350 – 3000 mm
Processable box width	210 – 1200 mm*
Processable box height	30 – 250 mm
Cardboard thickness	3 – 7 mm

Custom versions with different minimum and maximum box dimensions and different production outputs are available on request. Ask our packaging experts.

● PROCESSABLE BOX MODELS



FEFCO 410
and similar



FEFCO 300
(bottom and lid)



FEFCO 453
(box tray)

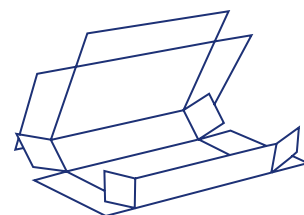
AdaptaBox

● TECHNICAL TABLE

PARAMETER	VALUE
Box type	410
Batch production	approx 7 pcs/min
Flexible production	approx 5 pcs/min
Processable box length	350 – 3000 mm
Processable box width	200 – 1200 mm
Processable box height	25** – 250 mm
Cardboard thickness	3 – 7 mm

Custom versions with different minimum and maximum box dimensions and different production outputs are available on request. Ask our packaging experts.

● PROCESSABLE BOX MODELS



FEFCO 410
and similar

* Based on the usable width of the packaging machine and the height of the box

** With specific cardboard types and box layouts

AN INTEGRATED SYSTEM WITH ADAPTAFORM & ADAPTABOX

The complete solution for FEFCO 410 box model

The integration between AdaptaForm and AdaptaBox enables the creation of a complete modular line for handling the FEFCO 410 format, from box creation to custom box forming and finally the sealing phase.

This configuration allows multiple stages of the process to be consolidated into a single solution, optimizing space, workflow and performance. A structured foundation already prepared to evolve into a fully customized plant.



1 AdaptaForm System

3 Box protections application

5 Box closing with AdaptaBox

2 Box protections forming machine

4 Product insertion

6 Palletizing

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