

newtown



FELIX

CNC GLUING PLOTTER

FELIX GLUER - automatic CNC glueing plotter

FELIX GLUER from LYNX Poland is a state-of-the-art solution for precise dispensing of both hot melt and cold glues – a CNC controlled glue dispensing machine. The machine is universal and versatile, dedicated for the packaging and POS manufacturing industries. What sets it apart from standard gluers is the ability to simultaneously apply glue to a few elements that differ in shape. Glue is applied with high speed and precision; the amount of glue is identical along the entire application length. The work area of the machine is divided into two independent moving work shelves. This facilitates the application of the adhesive to two elements that vary in thickness, at the same time. The plotter makes production faster by determining work cycles for the operator and eliminating time waste typical to manual application of glue.

HOW DOES THE PLOTTER WORK?

Prepare your design, mark with different colours paths for hot and cold glue. Place a pile of elements cardboard (or other) on the plotter. Start glue dispensing process. After all glue paths are applied to an element or a group of elements, the glue head moves to the standby position and remain there for the chosen amount of time, to give the operator a chance to remove element/elements covered with glue. The plotter automatically raise the pile of elements up by the thickness of the removed element/elements. The glue application process will start over again.



WORK TABLE

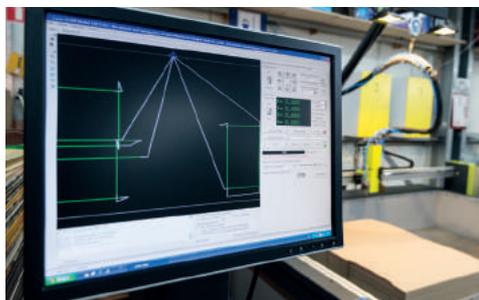
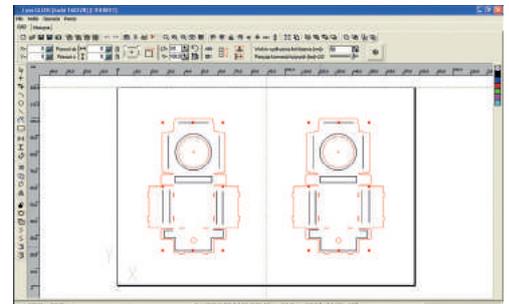
One, two or four independent, automatic, moving tables. Each of the table can be divided into any number of glue dispensing zones. Since each section moves independently, you can simultaneously apply glue to two types of cardboard (or other material) that differ in thickness. All tables are equipped with positioning devices. Tables in one machine can work separately, or together, as one table.

DESIGNED AND PRODUCED IN EUROPE

CAD-CAM Software

LYNX Gluer – it is an intuitive CAD-CAM software for designing glue patterns and machine steering.

Both steps: preparation of the project and plotter control is done in the same software window. It makes machine operation fast and errorless. LYNX Gluer enables advanced object design facilitates an easy creation of user defined projects (from simple lines and geometric shapes, to more complex patterns) but also enables uploading projects saved in CAD formats (e.g. DXF) in external software, thus making life easier for companies who already use other software for determining glue application patterns.



LYNX QUICK-PATH

The positioning system used to locate position of elements on the working area. LYNX QUICK-PATH ensures that even most complicated, rounded shaped elements, placed anywhere at the working area, will be precisely covered with glue.

Advantages of the LYNX-GLUER Software:

- ✓ unlimited working fields on one work table
- ✓ glue application to a group of elements
- ✓ automatic repetition of glue applying operation
- ✓ adjustable length of a pause between the glue dispensing cycles
- ✓ unlimited number of presets
- ✓ easy glue paths edition
- ✓ different glue paths differentiated by colour
- ✓ production time and employment optimization
- ✓ fast positioning system
- ✓ LED counter of processed elements

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COMBO

FELIX COMBO

This is the largest gluer, with the two or four working tables. Its performance is up to four times higher than the basic model - Felix Single. Thanks to the large working areas and the ability to prepare separate projects for each area, Felix Combo allows simultaneous work on two, three or four different projects, and also on cardboards of different thicknesses.

SPEED AND EFFICIENCY

Cost-effective

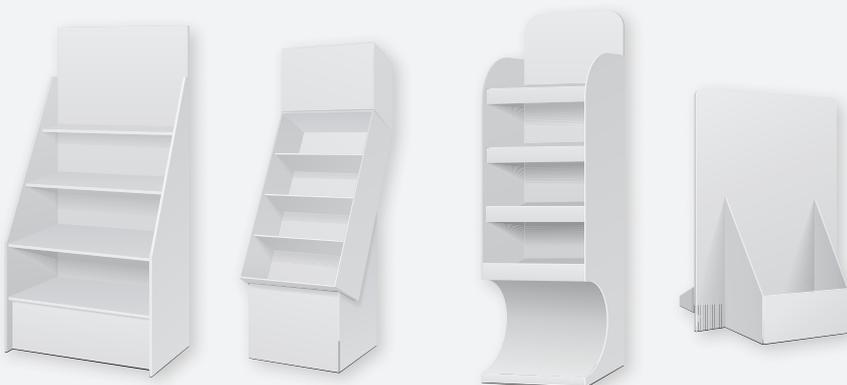
Great for high volume production – fast and precise gluing system that reduces the production cost of a single element

Employees

Reduces the demand for staff



TAILORED TO YOUR BUSINESS



TECHNICAL DATA:

- ✓ gluing head: 2 independently controlled glue head (cold glue, hot melt glue)
- ✓ work tables: with integrated automatic elevating platforms
- ✓ work tables size: from 1250x1650 mm up to 2000x3000 mm
- ✓ stack height: 500-900 mm
- ✓ glue application speed: up to 2,5 m/s

Felix Single: one or two independent work tables

Felix Combo: one, two, three or four independent work tables

Felix Liner: one or two independent work tables with the automatic feeding

COMPATIBLE
WITH GLUING
SYSTEMS



FELIX

CNC GLUER

- 🚩 EUROPEAN QUALITY
- ⚙️ CONFIGURABILITY
- 💰 EFFICIENCY
- ✳️ PRECISION

FELIX SINGLE

It is a basic model (single working area), with a possibility of dividing the working area into two separate moving sections. Felix Gluer has a large working area (1250x1600mm), but still whole machine is compact and easy to work with. Using this model, you can glue both small and large elements, such as whole POSm walls.

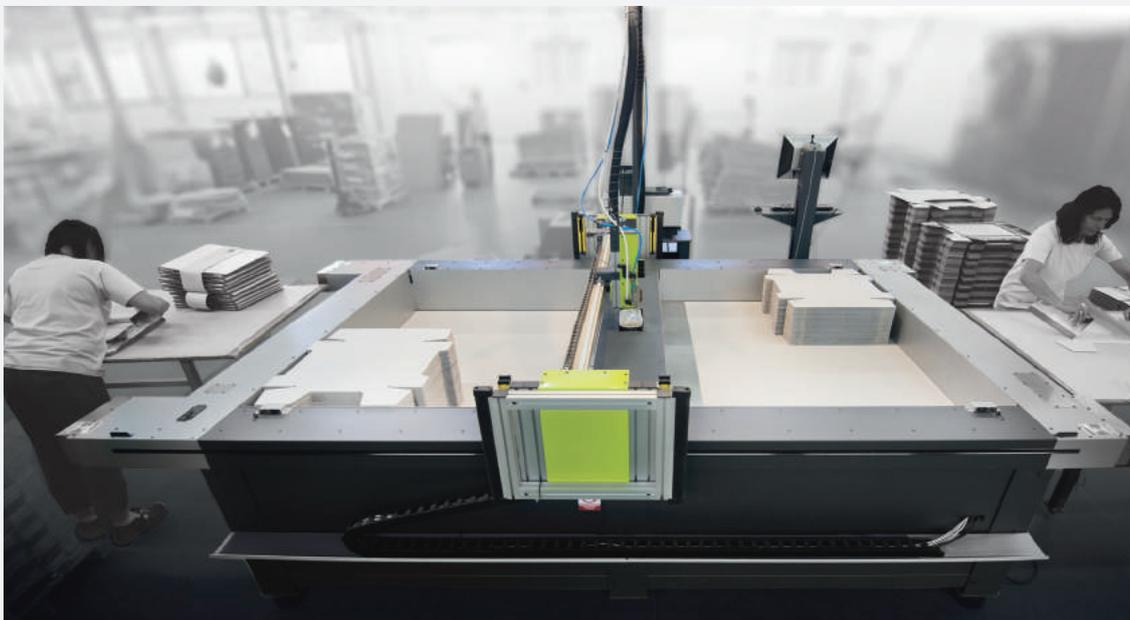
FELIX plotters are used to automate gluing process of listed products:

- ✓ POSm
- ✓ large cardboard boxes
- ✓ complicated cardboard boxes (eg with "windows")
- ✓ personalized packaging elements
- ✓ cardboard pallets

Flexibility

Samples and small production runs are now possible and cost-effective – preparing glue application patterns takes but a moment, the production of a new element does not require retooling the plotter.

PRECISION AND FLEXIBILITY



FELIX LINER

A model with an automatic feeding system for cardboard stacks. This solution provides continuous operation without any unnecessary downtime for reloading of material on the table, as material is constantly shifted towards the working area. New stacks of material can be loaded onto a feeder, even during the machine operation.

AUTOMATIZATION

Precision

The glue line is identical along its entire length, also on curves, which ensures the highest possible quality of the end-product.

Any path of glue

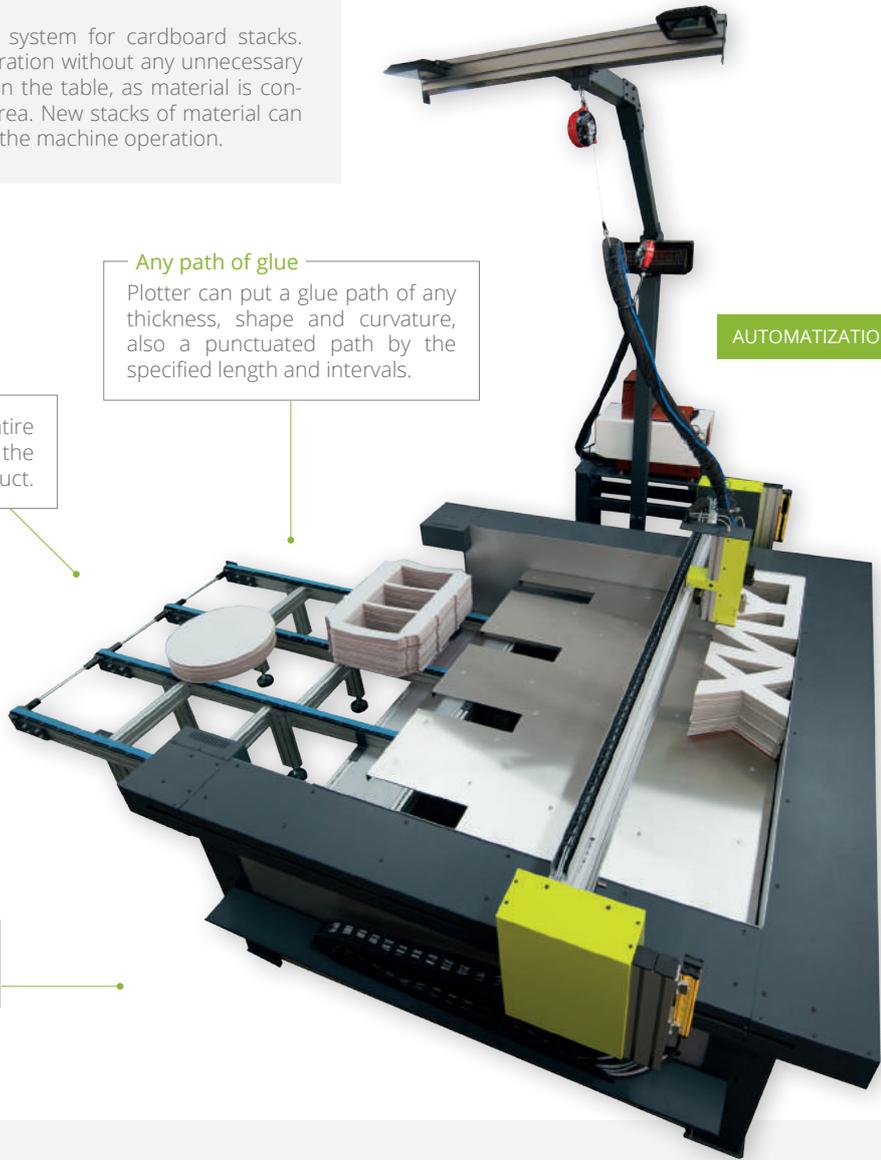
Plotter can put a glue path of any thickness, shape and curvature, also a punctuated path by the specified length and intervals.

Efficiency

The maximum cost reduction per one element.

Intuitive operation

One day operator training is enough.



LYNX

DESIGN • INNOVATION • EXPERIENCE

For any further questions please don't hesitate to contact us:

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Choose LYNX?

- ✓ quick response to reported problems;
- ✓ constant access to technical assistance;
 - ✓ spare parts always in stock;
- ✓ by keeping production in the EU, we are able to provide a comprehensive and fast servicing.

Start production just after the installation!

- ✓ We provide a complete training for machine operators.
- ✓ Machine settings will be adjust to your company needs.
- ✓ Our specialists will pick the best glue for the production.



Produced in EU

CE