

# HIGH PRECISION

Adding security features



**Pasaban**

# Pasaban designs and manufactures high-tech and precision machinery for the paper and cardboard, special paper and security paper converting industry.

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We have been in business for 80 years and we are recognized as a leader in different types of machinery for the paper industry and converters.

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Our machines provide added value in converting processes requiring great precision. A painstaking control of the mechanics and our proprietary electronics uniquely adapted to converting processes allow us to obtain outstanding precision levels.



## LASER PUNCHING/NOTCHING

Automated non-stop (reel to reel) laser punching system allows flexible punching with various forms. The forms are controlled by software without using any metal punches.

This new technology developed by Pasaban can be used in the security printing, wrapping, perforation industries, etc. It can be used for various materials, such as paper, cardboard or plastic.



## FOIL STAMPING

The Foil Stamping machine combines full flexibility and simplicity with the most advanced technology, integrated in a non-stop reel-to-reel, high-precision foil stamping solution. This line can work stamping foil to register with the highest precision.

The most advanced technologies integrated in a single platform, such as register control of banknote paper, iridescent printing, individual foil and stamping tension control, laser notching, ELU optical web inspection, etc.



## SHEETERS

Double rotary paper sheeter model designed for cut-to-register security paper with the highest precision. Best cutting quality in the market. Full control of valid paper sheets, recoverable defective sheets and extraction of sample sheets.



## WINDERS

Designed to supply paper reels with even edge profiles and a perfect winding structure. A reliable paper winding machine that can include all the automation required for the intended functions.

- 1 First laser punching system for 'Portrait Window'
- 2 Foil application in register over the 'Portrait Window'



## PASABAN TECHNOLOGY

In the new Europa series *banknote*

