

CutLink X

End-to-end solution for efficient finishing with the BPS® X9



A new solution for maximum precision

For years, Giesecke & Devrient (G&D) has been providing banknote printers and central banks with innovative product and system solutions for banknote processing and quality control. Now, it has taken finishing to a whole new level with a perfectly dovetailed combination of the CutLink X cutting machine from Koenig & Bauer (KBA-NotaSys) and G&D's BPS X9 inspection system.

Ideal cut for complex banknote designs

The solution delivers maximum precision in banknote quality control and extreme accuracy when cutting sheets into individual banknotes. The CutLink X, a compact, cost-effective system, is directly connected to the BPS X9. It can dynamically adapt the width and length of single banknotes to material- and print-specific tolerances in order to comply automatically with product quality standards.

Inspecting individual banknotes at top speed

The BPS X9 only inspects single banknotes after they have been numbered, coated and cut. This approach offers a clear advantage: it can evaluate these final steps for quality and precision. It exhaustively inspects the produced banknotes, even verifying their optical and machine-readable authentication features. At the same time, it seamlessly registers the serial numbers of all processed banknotes

and ensures none are missing. Individual banknotes with misprints or quality defects are immediately destroyed on-line by the BPS X9. No manual intervention is required.

The BPS X9 ensures a high degree of productivity. It supplies flawless banknotes, packaged and wrapped in tamperproof bundles.



Giesecke & Devrient
Creating Confidence.

Benefits of the integrated solution



Fully automatic finishing for superior banknote quality

We combine the CutLink X with the high-performance system BPS X9 and dovetail the cutting process with the final inspection. If the BPS X9 detects deviations from the normal cutting position, it reports them directly to the cutting machine. The CutLink X then adjusts the cutting parameters. This minimizes off-specification cutting and maximizes banknote quality and yield. The entire process is fine-tuned to deliver superior quality. Machines are no longer needed to individually number usable banknotes from defective sheets (partial spoilage).

Gains for banknote printers

Banknote printers can assure the quality of their entire banknote shipment in one end-to-end finishing process. The integrated system solution continuously checks and documents quality parameters. The production process is rendered transparent and unit costs cut by increasing yields – all with simpler processes and fewer personnel.

Gains for central banks

Central banks can trust that every supplied banknote complies fully with the defined quality parameters. This ensures trouble-free banknote circulation.

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