



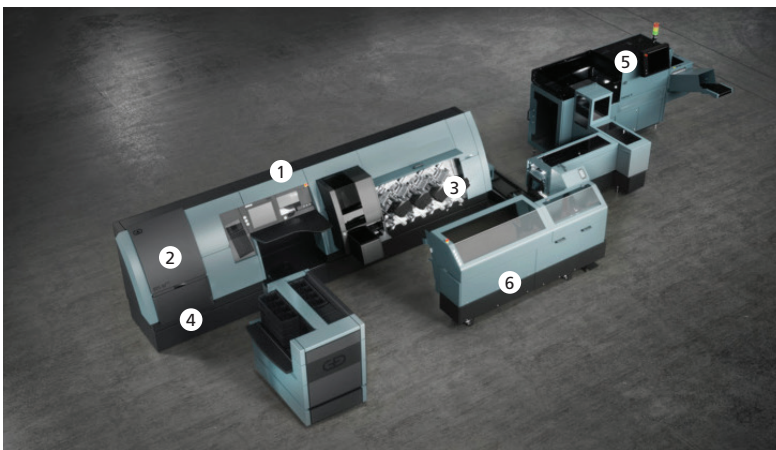
Giesecke+Devrient



BPS[®] M^{evo}[®]

Inspiring evolution.

BPS[®] M7



What makes the new BPS M^{evo} series stand out?

The new BPS M^{evo} series takes high-speed banknote processing to a new level. Systems are engineered to provide a leap in efficiency, sustainability, security, reliability, and ease of use, with advanced features, including:

- 1 M^{evo} software: a future-proof platform that sets new standards in user-friendliness and IT security, offering enhanced software maintenance and DIY tools
- 2 State-of-the-art visual design (for new BPS M^{evo} systems)
- 3 NotaTray[®] Filling module that streamlines operations by reducing manual handling and promoting more sustainable cash processing
- 4 Superior banknote classification with SensorFusion[®] algorithms, high-resolution UV feature detection and discrimination of the UV colors used
- 5 NotaPack: Automated and tamper-proof banknote bundle shrink wrapping

G+D's new BPS M^{evo} series is built with innovation at its core – to meet different cash center needs today and in the future.

BPS M^{evo} series: Evolving for a new era

Today's cash processing faces increasing demand for greater efficiency, sustainability, security, and resilience – the new BPS M^{evo} series from G+D will help to meet those needs.

This latest generation of the popular BPS M series, which has delivered over 1,200 BPS M7 systems to central bank customers worldwide, features a sleek design facelift

with a new delivery module that, paired with the M^{evo} software and sensor innovations at its core, is designed to meet today's and tomorrow's challenges.

Future-proofed innovation

With a new unified and consistent platform for all BPS M systems, the M^{evo} software provides the foundation for all future innovations. The platform features an easy-to-use interface with

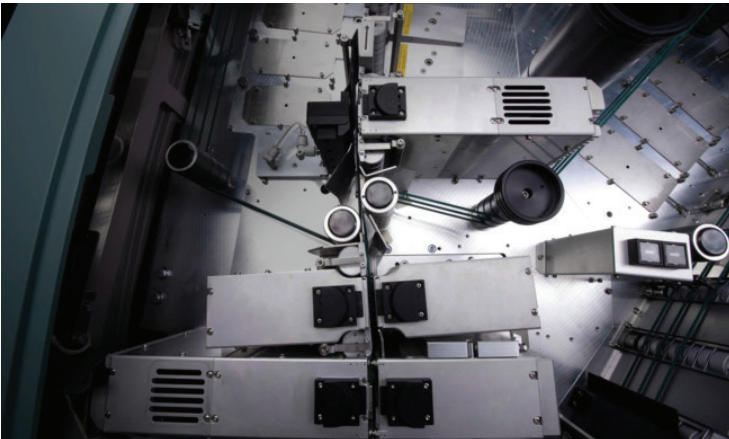
configuration and report editor capabilities that streamline machine operations and increase productivity, while the integrated firewall and encrypted data transmission ensure the system is more secure than ever before. Software maintenance is also enhanced through the implementation of independent software layers, ensuring optimal system cohesion and flexibility.

Start-to-finish service portfolio

Efficient and reliable end-to-end cash handling processes are crucial for any expert in the cash cycle. Our premium support, with over 1,400 service experts worldwide, ensures optimal solutions in every phase of the product life cycle.

BPS M7: High-speed excellence for central banks

The new BPS M7, G+D's most advanced high-speed system, is designed to meet all the demands of a modern central bank cash center. Built for continuous, heavy-duty operation with a throughput of up to 120,000 banknotes per hour, the system ensures maximum counting and sorting accuracy.



SensorFusion: delivering unchallenged precision for banknote authentication, counting, and sorting

Automation options

NotaTray banknote boxes improve cash cycle efficiency by, apart from logistics, further automating the loading and packing processes:

» The NotaTray Loading module utilizes a robotic gripper to load notes into the BPS M7 with a buffer capacity of up to 24,000 banknotes, enabling continuous, uninterrupted operation for up to 20 minutes.

» The NotaTray Filling module streamlines operations and reduces the cash center's carbon footprint by using robotics to load loose, processed banknotes into standardized NotaTrays. This eliminates the use of consumables like single-use paper and plastics.

» By increasing the reject note capacity, the Large Reject Stacker module reduces

the frequency to manually remove ten times more reject notes compared to the classic reject pocket.

New sensor innovations

» Superior banknote classification by SensorFusion algorithms, High-resolution UV feature detection and discrimination of the UV colors used.

» NotaScan Bright sensor detects defects and tampering in the clear window area of polymer banknotes, including holograms.

Proven modularity

» The BPS M7's modular design can be easily configured or upgraded to suit all central bank needs.

» The optional online shredder module immediately destroys up to 100% of processed unfit banknotes in continuous operation.

» Supports various operation modes for efficiently processing different deposit sizes.



BPS M^{ev} software: a state-of-the-art and future-proof innovation platform

TECH FACTS

Throughput:
up to 120,000 banknotes/h

Singler capacity:
up to 4,000 banknotes (24,000 banknotes with NotaTray Loading)

Banknote formats (length × width):
100–180 × 60–90 mm

Dimensions (height × width × depth):
Example: BPS M7-4S
1,210 × 4,930 × 1,600 mm

Weight:
Example: BPS M7-4S
~1,065 kg

Power supply options:
230 V/400 V, 50/60 Hz
120 V/208 V, 50/60 Hz

Power consumption:
Example: M7-4SB32
~3.6 kW

Power consumption of the required LVM pneumatic module:
~3.3 kW

Noise level:
64–71 dB(A)

Temperature range:
15°C–30°C

Relative humidity:
30%–80%

Certificates:
CE, GS



Find more information on our website:
<https://t1p.de/84ky9>

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