



Giesecke+Devrient
Creating Confidence

BPS[®] C5[®]evo[®]

High-volume performance
with maximum efficiency



www.gi-de.com/bps-c5

Smarter cash operations

Purpose-built for a new level of efficiency: the BPS C5^{evo} is engineered to meet the evolving demands of modern cash operations, delivering peak efficiency, advanced flexibility, and exceptional throughput.

At G+D, we know that efficiency, security, and reliability are non-negotiable for commercial banks, cash centers, and casinos. That's why we developed the BPS C5^{evo}, a next generation banknote processing system designed to help organizations maximize throughput, streamline operations, and adapt to future challenges with confidence.

Engineered for today's challenges, and tomorrow's demands

Designed to meet the needs of dynamic, high-volume cash-handling environments, the BPS C5^{evo} is specifically designed to deliver:

- Up to 68,000 banknotes per hour in nominal throughput
- A modular, scalable design for flexible configurations
- State-of-the-art sensors for fitness detection and authentication
- A suite of software options to support advanced processing modes

With its high-speed performance and adaptability, the state-of-the-art sensors for fitness enables institutions to reduce operating costs, increase processing

accuracy, and enhance staff productivity, all while maintaining operational resilience.

Empower operators with next-level automation

The optional Bander Delivery Module (BDM) takes efficiency even further by automating the banding of banknotes. This reduces manual steps, shortens processing times, and frees up operators to focus on more valuable tasks, resulting in a significant productivity boost for your operation.

Fully connected for seamless cash management

Connectivity is key in today's cash ecosystems. The BPS C5^{evo} integrates seamlessly with G+D's Compass Cash Center Suite enabling:

- Real-time operational insights
- Improved transparency and control

Whether you're looking to optimize cash center performance, meet compliance standards, or gain full visibility into your processing workflow, the state-of-the-art sensors for fitness delivers.



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The modular concept of the BPS C5^{evo} allows up to six output modules in total and thus enables wide-ranging configuration options: e.g., opt for up to 25 output stackers to meet diverse customer requirements.



04 Moving forward to the next level of efficiency

Outstanding efficiency and security, combined with unparalleled flexibility. The perfect combination to make your banknote processing even more cost-efficient and future-proof.

Productive and efficient

The BPS C5^{evo} offers extensive processing options for user-tailored work experience. Operators are guided intuitively through system operations via light signals and newly structured, clear menus.

Count, check for authenticity and fitness, and sort based on a wide variety of criteria: the BPS C5^{evo} processes banknotes reliably and precisely, with a nominal throughput of up to 68,000 banknotes per hour. It is suitable for all substrates (paper, hybrid, polymer) and all banknote quality as well as casino tickets. With its high number of output stackers, it supports multiple and even complex sorting requirements. The system is extremely easy to use, sustainably facilitating the necessary throughput and efficiency.

Modular and flexible

The modular and scalable system can be equipped with up to six modules, either Standard Delivery Modules (SDMs), Bander Delivery Modules (BDMs), or any combination of both. Each SDM contains four output stackers for up to 250 banknotes. The BDM automatically bands one denomination at a time and contains two stackers for tandem operation and a dot matrix printer. Up to 50 different operation modes can be defined per currency, and they are easy to choose for the operator.

With the optional Config Optimizer, users can change extremely flexible system configuration to streamline tasks and optimize banknote sorting. From hardware to software, from more flexibility to less jams and rejects, the BPS C5^{evo} offers superior performance. The BPS C5^{evo} supports both the traditional two-step process and one-step processes (e.g., with header cards). Its design also allows it to be used by either one or two operators.

Reliable and secure

Security is a top priority in today's cash-handling industry, and the BPS C5^{evo} doesn't disappoint. It runs on a resilient Linux-based software platform, known for its stability and security. The system also utilizes encrypted communication protocols, ensuring that sensitive data is fully protected.

For additional security, video monitoring interfaces and the industrial firewall BPS Eco-Protect (see page 7) can be provided on request and the system communicates via SFTP.

The touch screen delivers simple, intuitive operation via a graphical user interface and offers flexible positioning for the operator.



The large feeder holds up to 1,500 banknotes, ensuring a continuous workflow



Improved productivity by automated banding

Future-proof investment

The BPS C5^{evo} is designed to evolve with your operation. Its modular architecture allows for easy upgrades with additional SDMs or BDMs, adapting effortlessly to changing cash center requirements. With secure SFTP connectivity and multiple interface options, the system integrates smoothly with cash management platforms and accessories, supporting digital transformation and efficient workflow automation.

The optional BDM brings a new level of productivity by automating the banding process. This significantly increases throughput, enabling operators to process more banknotes in less time while also lowering labor costs and enhancing security.

How efficiency is improved

- Automatic banding of the most frequent denominations streamlines processing and reduces manual tasks.
- A tandem stacker ensures continuous stacking and banding, while auto-ejection of completed bundles eliminates bottlenecks.
- Integrated banderole printing adds all necessary tracking data automatically, boosting operational accuracy.
- BDM produces standard 100-note bundles, compatible with the BPS C5^{evo} input module and SDMs, even for existing systems securing the initial investment.

By combining automation, scalability, and compatibility, the BPS C5^{evo} helps cash centers achieve higher output, lower operational costs, and long-term return on investment.



Maximizing efficiency

Connecting the BPS C5^{evo} with conveyor belts can also be an effective way to establish smooth workflows and enhance the overall productivity



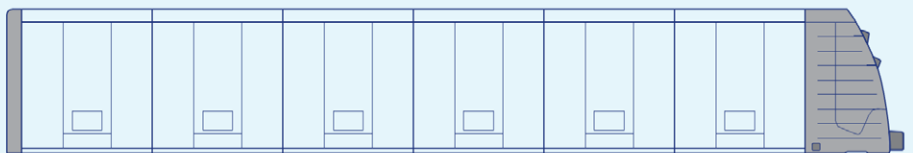
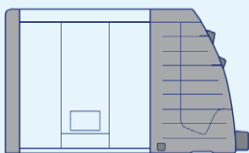
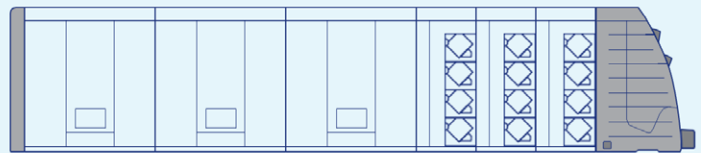
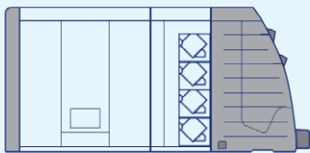
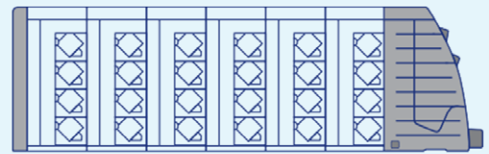
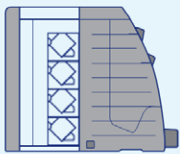
The BPS C5^{evo} provides customers with full flexibility regarding the output stackers:

BPS C5^{evo} CONFIGURATION OPTIONS

From minimum configuration ...

... to ...

... maximum six stackers.





The basis of productivity is availability

At G+D, we believe that productivity starts with system availability. Our innovative service solutions and consulting portfolio are designed to keep your BPS C5^{evo} systems operating at peak performance – from day one and throughout their entire lifecycle.

G+D Consulting Services: for solutions that are the perfect partner

Our experienced consultants work closely with you to analyze your operation's specific needs, existing infrastructure, and business goals. We deliver customized solutions that integrate smoothly into your production workflows – maximizing uptime, efficiency, and return on investment.

G+D Service Solutions: for more efficient cash operations

With over 1,600 highly qualified service experts, G+D provides first-class on-site and remote support worldwide. Regular software updates and hardware upgrades ensure your systems remain secure, compliant, and future-ready. This proactive approach extends system lifespan and ensures high productivity.

G+D Remote Solutions: always at your side, anytime and anywhere

G+D's remote service solutions enable remote experts to resolve issues quickly and efficiently through real-time diagnostics and repairs, ensuring your systems perform optimally – wherever you are. Built with robust security measures and the highest safety standards, you retain full control over your system data and access at all times.

FUTURE-PROOF USE OF DIGITAL POTENTIAL



BPS ECO-PROTECT is an industry firewall that efficiently protects a BPS in a customer's environment against malware attacks, and enables secure communication from both to and from the BPS systems.



G+D REMOTE SUPPORT provides a highly secure remote connection to BPS systems. It allows remote diagnostics and even software updates without the local presence of a service technician.



THE COMPASS CASH CENTER

SUITE is a comprehensive, process-oriented cash center management solution, enabling all of your cash management processes to be automated, optimized, and reliably monitored.

The BPS C5^{evo} can be readily integrated into existing IT infrastructures. Cash management software solutions such as Compass Cash Center ensure greater transparency, security, and productivity throughout the process.

Creating Confidence

Giesecke+Devrient (G+D) is a global SecurityTech company headquartered in Munich, Germany. G+D makes the lives of billions of people more secure. The company shapes trust in the digital age, with built-in security technology in three segments: Digital Security, Financial Platforms and Currency Technology.

G+D was founded in 1852 and today has a workforce of more than 14,000 employees. In the fiscal year 2024, the company generated a turnover of 3.1 billion euros. G+D is represented by 118 subsidiaries and joint ventures in 41 countries.



Find more information
on our website:
www.gi-de.com

Giesecke+Devrient Currency Technology GmbH
Prinzregentenstrasse 161
P.O. Box 80 07 29
81677 Munich, Germany
Phone: +49 (0) 89 41190
Web: www.gi-de.com

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All technical data subject to change

TECH FACTS

Singling speed:

up to 1,050 BN/min with SDM, up to 800 BN/min with BDM

Dynamic singling:

up to 1,200 BN/min with SDM, up to 900 BN/min with BDM

BN formats with BDM

(length x width):
120-176 x 60-85 mm

Currencies:

up to 60 currencies

Singler capacity:

up to 1,500 BN*

Output stacker in base module:

(configurable either for sorting or as 2nd reject)
1 x up to 250 BN*

Reject stacker:

1 x up to 250 BN*

Standard Delivery Module (SDM):

4 x up to 250 BN per module*

Bander Delivery Module (BDM):

- 2 stackers for tandem operation
Automatic alignment to banknote formats
- Presenter for pushing packages out
- Banderole width: 40 mm
- Dot matrix printer

Dimensions (H x W x D):

(depending on configuration)
BPS C5-5 – 660 x 790 x 420 mm
BPS C5-6B – 660 x 4,360 x 540 mm

Weight:

(depending on configuration)
79–760 kg

Operational temperature range:

15°C–35°C

Electrical specifications:

100–240 VA, 50/60 Hz

External connections:

1 x LAN, 4 x USB host,
1 x USB device

Certificates:

CE, GS, CB

*depending on BN quality