



Giesecke+Devrient  
Creating Confidence

# BPS<sup>®</sup> C5

On the fast track –  
with maximum efficiency



# Operating in pole position

**Tailor-made for a new level of efficiency: the BPS C5 precisely fulfills banknote processing requirements, with outstanding efficiency, flexibility, and user-friendliness**

The BPS C5 was developed to specifically meet the needs of small and medium-sized cash centers and count rooms, as well as back offices within large bank branches. In all these areas, ever-increasing competitive and price pressures necessitate streamlined processes, increased productivity, and reduced costs, as well as a high level of flexibility to adapt to future requirements.

#### **Meeting the needs of today and tomorrow**

The solution from G+D is a modular, scalable system that fulfills all process requirements with the greatest reliability, efficiency, and user-friendliness. A high nominal throughput of up to 63,000 banknotes per hour, an exceptionally

flexible modular concept, state-of-the-art, framework-compliant sensors, and a multitude of software options combine to offer significant competitive advantages. A new option is available now with the Bander Delivery Module, which will enhance the operator's productivity significantly.

#### **Equipped with the best connections**

And that's not all: the BPS C5 is ideally prepared for leveraging all the advantages that connectivity can provide. Used in conjunction with cash management software (e.g. Compass Cash Center Enterprise) or elements of the BPS Eco-System (e.g. a remote service connection), it makes the entire operation more transparent, secure, and efficient.

# 25

The modular concept of the BPS C5 allows up to 6 output modules in total and thus enables wide-ranging configuration options: e.g. opt for up to 25 output stackers to enable diverse customer requirements to be met



# Moving forward – to the next level of efficiency

**Outstanding efficiency and security along with a level of flexibility unparalleled in this class: the perfect combination to make your banknote processing even more cost-efficient and future-proof**

The touch screen enables particularly simple and intuitive operation thanks to its graphical user interface; it can be positioned flexibly by the operator



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

## Productive and efficient

Count, check for authenticity and fitness, and sort based on a wide variety of criteria: the BPS C5 processes banknotes reliably and precisely, with a nominal throughput of up to 63,000 banknotes per hour. It is suitable for all substrates (paper, hybrid, polymer) and also for 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. The BPS C5 supports both the traditional two-step process and one-step processes (e.g. with header cards). Its design also means it can be used by either one or two operators.

## Reliable and secure

The sensor system in the BPS C5 verifies and sorts banknotes quickly, precisely, and reliably. The system excels in the detection of counterfeits (including composed banknotes) and in sorting by predefined fitness criteria or central bank frameworks. For additional security, video monitoring interfaces and the industrial firewall BPS EcoProtect (see p. 7) can be provided on request and the system communicates via SFTP.

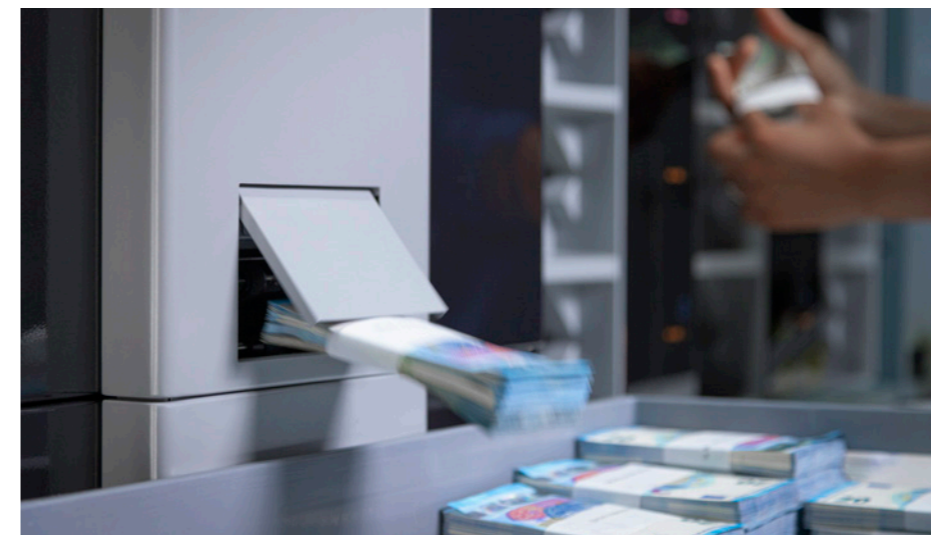
## Future-proof investment

The system's enhanced modularity makes it easy to upgrade with additional SDMs or Banders to adapt to changed operational needs.

The BPS C5 communicates via secure SFTP and features multiple interfaces required for smooth networking with cash management software or connecting to accessories.



# Improved productivity by automated banding



The BPS C5's BDM is a new optional online banding function that benefits cash center processes in several ways. Automated banding leads to significantly higher throughput enabling the operator to process either the same number of banknotes in a shorter time or more banknotes in the given time. The higher level of automation leads also to lower costs and enhanced security.

## How efficiency is improved

The most frequently occurring denominations/qualities are banded automatically, giving the operator the possibility to manually band the remaining denominations and qualities.

With this mix of automatic and manual banding, the actual throughput is significantly improved. The BDM comes with a tandem stacker, allowing continuous stacking and banding. And as soon as a banknote package is banded, it is automatically ejected (into a container or onto an optional conveyor belt), further improving productivity and performance.

The BDM contains banderole printing, providing all important processing information automatically, which again contributes to the efficiency of the operator.

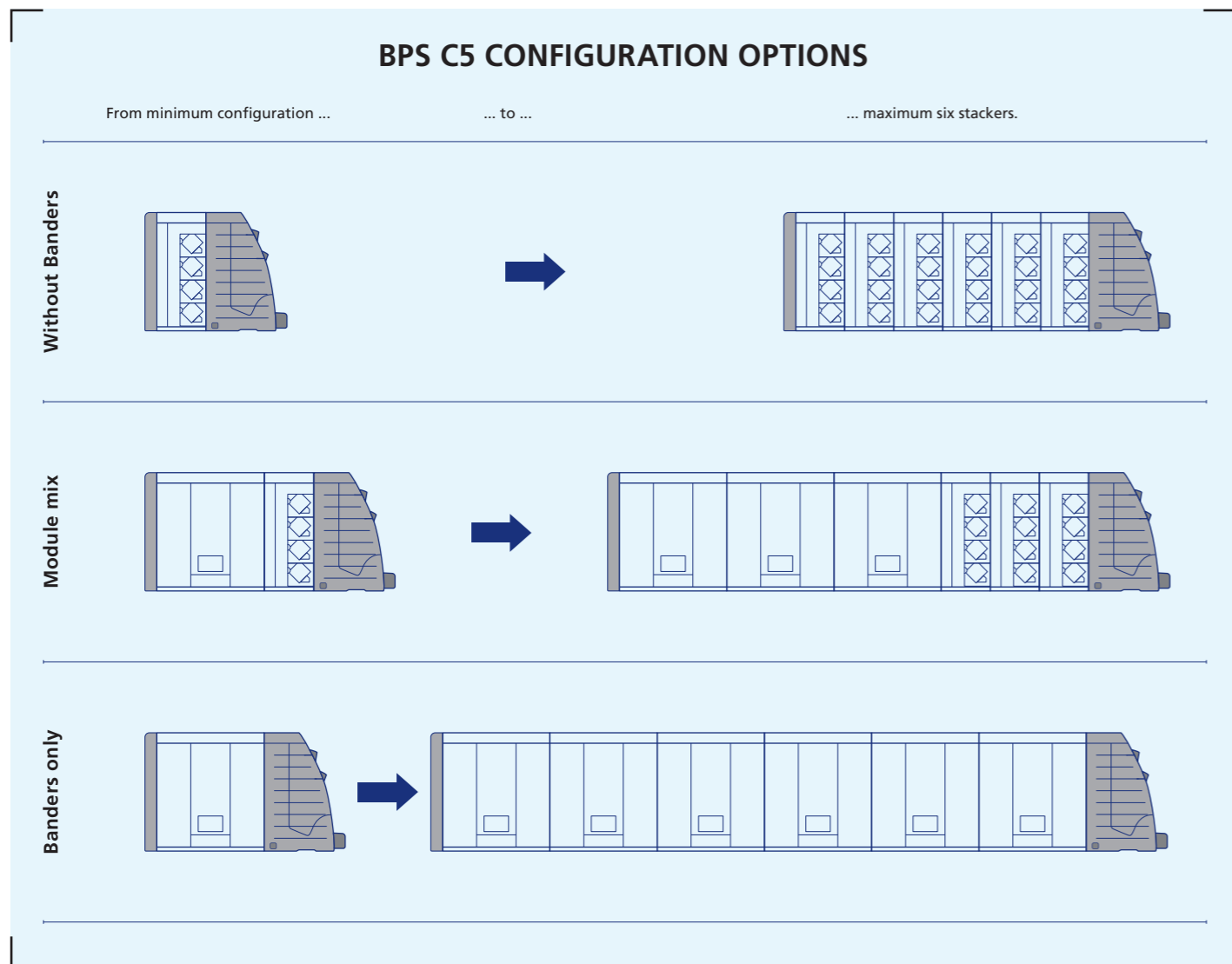
Delivering automatically banded packages of 100 banknotes (as is standard in the banknote industry), the BDM can be interfaced to the BPS C5 Input Module and SDMs, and can be upgraded to existing machines, facilitating improved productivity while securing the initial investment.

# Maximizing efficiency



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

The BPS C5 provides the customer with full flexibility regarding the output stackers:



# The basis of productivity is availability

With our needs-oriented consulting team and fully comprehensive service portfolio, Giesecke+Devrient customers benefit from full productivity and smooth operation of systems – for the entire life of the products

**G+D consulting services: for solutions that are the perfect fit**  
Our experts analyze the individual needs, existing processes, special requirements, system environment, and more. Based on this analysis, we will recommend the right solution for your operation, and it will be integrated smoothly into your production processes.

**G+D service: always at your side, whenever and wherever you need it**  
Our dense, global service network ensures that customers can rely on our support at all times. Your systems are kept up to date with frequent updates and upgrades – which can further boost productivity after installation.

**G+D Remote Support: the fastest solutions via remote access**  
Use G+D remote support to optimize up-time of your systems. A large proportion of system failures can be immediately responded to and resolved using G+D remote support. Our service specialists identify the issue and put it right in an instant.

**BPS ECO-SYSTEM: FUTURE-PROOF USE OF DIGITAL POTENTIAL**

BPS ECO-SYSTEM is an innovative portfolio of highly secure networked software products and web services that boost the efficiency of cash management and banknote processing



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



G+D REMOTE SUPPORT provides a highly secure remote management solution for BPS. It allows remote monitoring, performance management, diagnostics, and even software updates without local presence of a service engineer



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 can be readily integrated into existing IT structures. Cash management solutions such as Compass Cash Center Enterprise ensure greater transparency, security, and productivity throughout the process

# Creating Confidence

Giesecke+Devrient (G+D) is a global security technology group headquartered in Munich. As a trusted partner to customers with the highest demands, G+D secures the essential values of the world with its solutions. The company develops technology with passion and precision in four major playing fields: payment, connectivity, identities, and digital infrastructures.

G+D was founded in 1852. In the fiscal year 2021, the company generated a turnover of 2.38 billion euros with around 11,800 employees. G+D is represented by 89 subsidiaries and joint ventures in 33 countries.



Find more information  
on our website:  
[www.gi-de.com](http://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  
(depending on BN format)

### BN formats (length × width):

100–181 × 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 × up to 250 BN\*

### Reject stacker:

1 × up to 250 BN\*

### Standard Delivery Module (SDM):

4 × 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 (optional: inkjet printer)

### Dimensions (H × W × D):

(depending on configuration)

BPS C5-5 – 660 × 790 × 420 mm

BPS C5-6B – 660 × 4,360 × 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 × LAN, 4 × USB host,

1 × USB device, 1 × HDMI

### Certificates:

CE, GS, CB

\* depending on BN quality