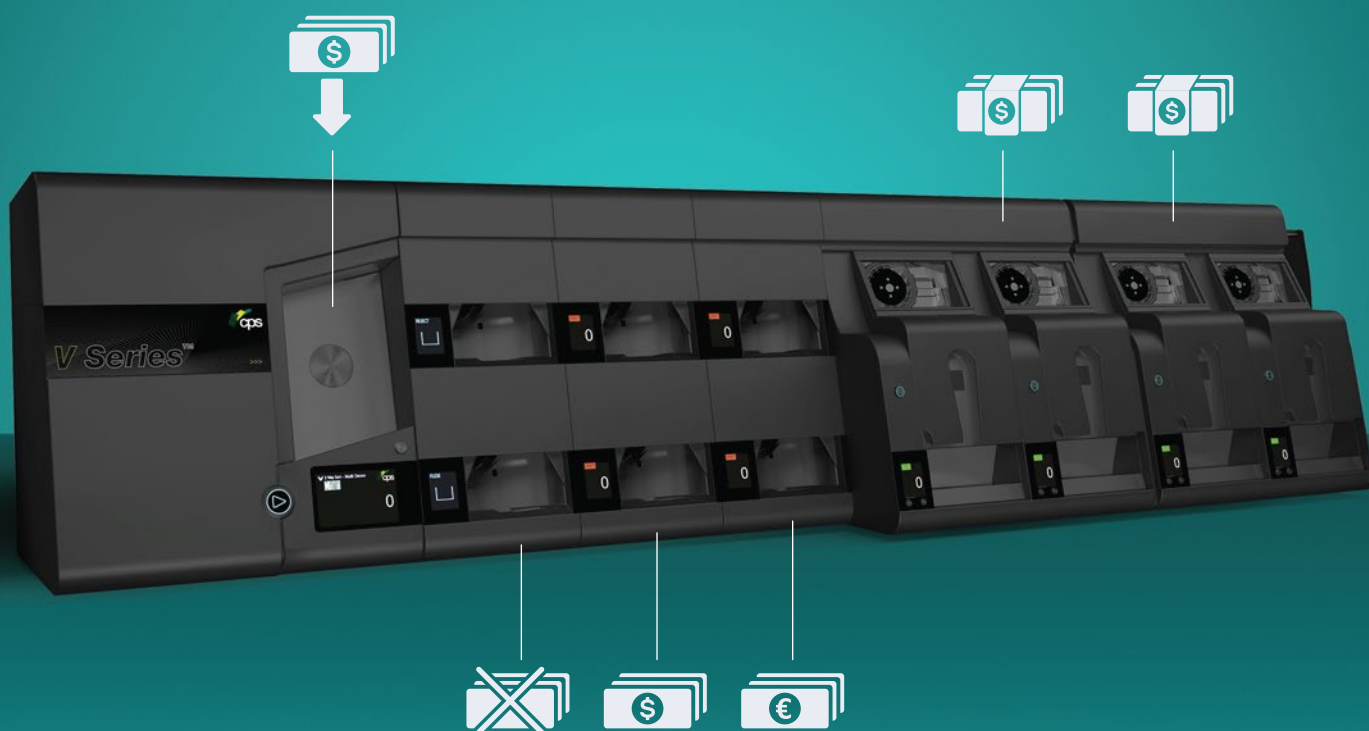


CPS V Series™ counting and sorting devices

V Series™





25+

years on the market

80

countries
where BS/2
operates

7

subsidiaries
in Azerbaijan,
Estonia, Georgia,
Kazakhstan,
Kyrgyzstan,
Latvia and
Uzbekistan

1500+

international
customers

90+

partners
worldwide

25+

years of
partnership with
Diebold Nixdorf

400+

talented
professionals

Competence at the core

The company Penkių Kontinentų Bankinės Technologijos (BS/2) is the part of Penki Kontinentai group of companies, provides services in 80 countries, creating software solutions that help automate and optimize your business.

For more than 25 years, we are developing specialized innovative software and technological solutions for banks, financial institutions and retail companies. We offer high-quality IT products that meet your customers' needs.

Our Services

- Software development, sales, installation, support and systems integration services
- IT service outsourcing
- Maintenance and repair of banking, telecommunication, acquiring and retail equipment
- Monitoring of IT infrastructure
- Staff training and consulting
- Spare parts supply
- Sales of specialized equipment for banking and retail companies

Certificates

ISO 27001, ISO 20000, ITIL V3, PCI PA- DSS.



Our Clients

- Banks and financial institutions
- Retail companies
- Gas stations
- Postal services
- Other companies (casinos, hippodromes and others)

International Recognition and Awards

Diebold Nixdorf / Wincor Nixdorf

- Innovation SPIRIT banking 2018.
- Special Achievement Banking 2007, 2013, 2014, 2017, 2019.
- Best Banking Solution 2012, 2013, 2016.
- Best Banking Service 2002, 2003, 2012, 2013, 2014.
- Most Innovative Software Solution 2004, 2005.
- Most Innovative Concept 2002, 2003, 2004, 2005.

ATM Industry Association

- Best ATM Security Technology 2002.

Lithuanian Confederation of Industrialists

- Innovation Prize 2016.
- Lithuanian Product of the Year 2001, 2005, 2006, 2007, 2008, 2012, 2017.

CPS V Series™

Cash Processing Solutions Ltd (CPS) is a global provider of cash processing efficiency. In cooperation with its partners, the company implements specialized equipment and software delivery projects, as well as provides system integration and consulting services.

V Series™ is the most advanced line of compact counting and sorting machines in the world today. This equipment provides the fastest speed of cash handling for central and commercial banks, as well as for cash collection and handling services.

Scalability

The CPS V Series™ counting and sorting equipment is available in a variety of configurations. In addition to the FDM banknote feeder and the DFM flexible dual banknote module, up to nine double banknote feeder units (DMM/DSM) can be connected to the machine. This allows you to choose the optimal solution for each cash handling point.

Performance

These machines have the highest cash processing speed in their class and can operate in continuous cash processing mode (up to 72,000 banknotes per hour) using the ACDP solution. This allows you to increase the capacity of your cash handling point without investing in additional workstations.

Quality

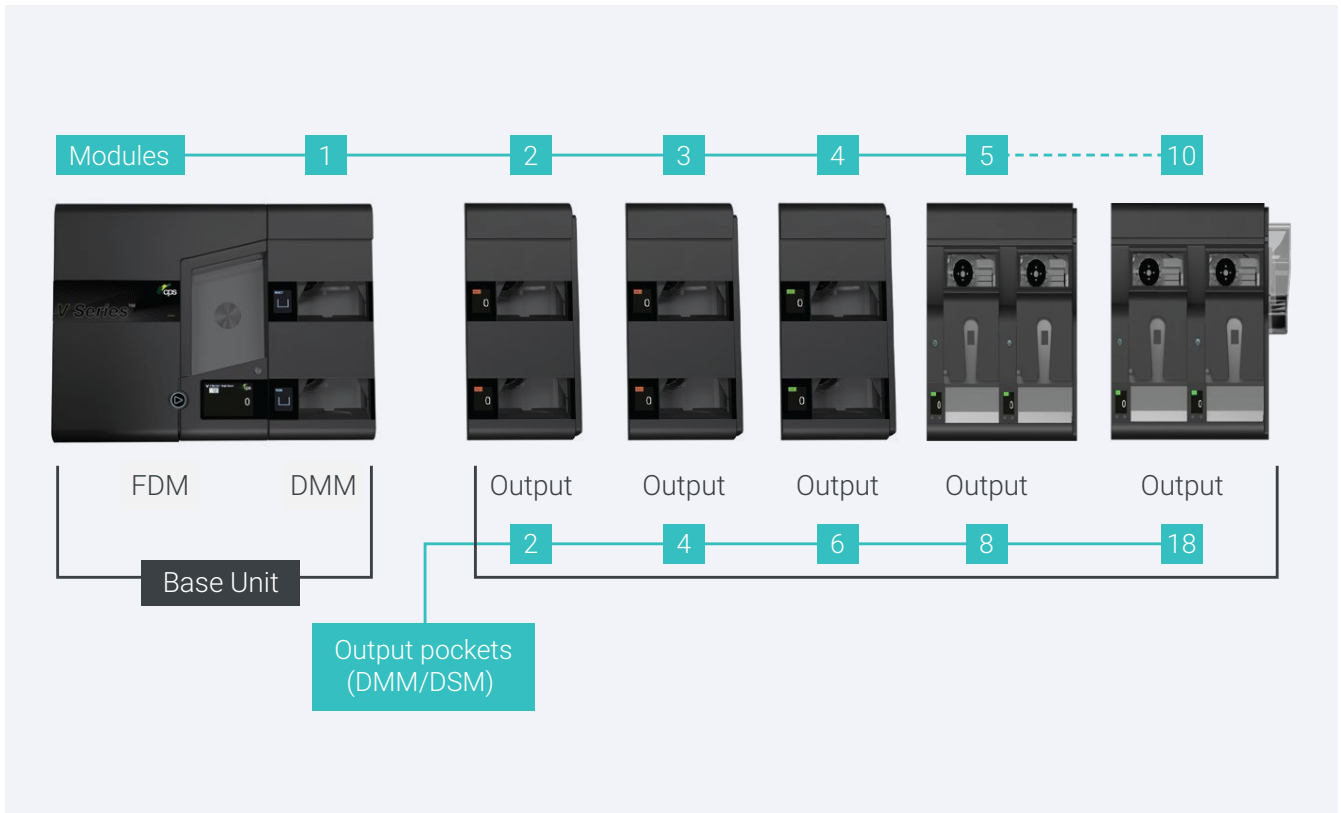
Modern equipment components and high quality of assembly, manufactured in the UK, provides the highest rates of equipment fault tolerance and reduce the total cost of ownership in the planning for several years.

Solution development

The unique design of the CPS V Series™ allows the device to be reconfigured at any time and additional banknote dispensing modules (DMM/DSM) can be added, which is often necessary when the amount of cash handled increases, requirements for sorting principles change or technological improvements in sensors are made. Thus, ensuring protection in your investments.

V Series™ configurations

This model of equipment allows flexible configuration of rejection and dispensing modules by various parameters: authenticity, denominations, level of decrepitude, other machine-readable features.



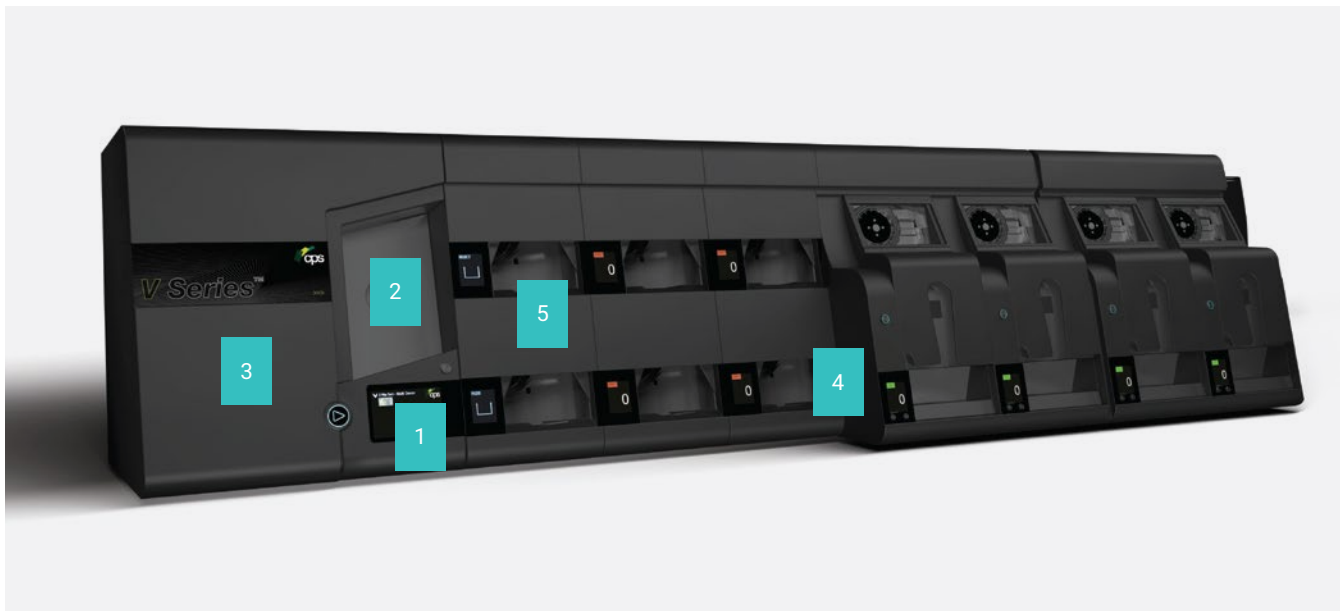
Base Unit

- Feeder Detector Module (FDM)
- Dual Manual Module: (DMM)

Output options

- Dual Manual Modules (DMM)
- Dual Strapper Modules (DSM)

In the highest configuration can be equipped with up to 9 additional modules, that is, up to 20 individually configurable dispensing pockets, including pockets for rejection and separate inspection of banknotes.



User interface

1

- 5" touchscreen
- Intuitive, colourful, graphical interface
- Fitness sorting levels are user configurable
- Can be programmed for single and multiple currency sets
- Production Tool provides unrivalled live business reporting and performance evaluation
- Integrates seamlessly with cash management systems including ECM™ ISA

Output options

4

- V Core configuration up to 20 pockets
- V Core pockets up to 200 banknote capacity
- V Prime configuration up to 20 pockets
- V Prime Strapper pockets from 2-16
- V Prime Strapper pockets up to 500 banknote capacity
- V Prime strapping volume options 50/100/125 notes
- Dynamic Pocket Allocation available on all machine configurations, maximising operator efficiency

Feeder & banknote transport

2

- 2,000 banknotes capacity feeder
- Short-edge banknote feeder
- Continuous feed for optimal productivity
- Friction feeder handles even the poorest quality banknotes easily and quickly
- Standard speed of 1,200 npm and throughput of 72,000 banknotes/hour. Optional speeds range from 600 npm
- Quick-to-open covers and access to all parts of the roller transport for easy jam clearance, reducing processing interruptions

Reject Pocket(s)

5

- Up to 200 banknote capacity
- Easily accessible and neatly stacked banknotes for accurate and efficient deposit reconciliation

Detectors

3

- Accurate and consistent fitness sorting that meets global standards
- Fitness detection for soiling, stain/graffiti, ink wear, holes & tears, cornerfolds, missing corners, tape
- Authenticity detection including Infra-red (IR) reflective and transmissive, ultra-violet (UV), magnetic features, contact image sensors (CIS)
- Optional OCR for serial number reading

6

Product specification

Processing capability	Up to 1,200 npm (72,000 banknotes/hour)
Feeder	Up to 2,000 banknotes, continuous feeding, friction design
Dispense pockets	<ul style="list-style-type: none"> • Dispense pocket configurations are V Core and V Prime. • Core module (FDM + two-pocket module). • Additional modules - up to 18 pockets. • Dispense pockets with capacity up to 200 banknotes, Reject pocket - up to 100 banknotes.
Banknote size range	Width: up to 92mm Length: up to 190mm
Banknote substrate	Paper, polymer and mixed substrate
Operating modes	<ul style="list-style-type: none"> • Multiple user defined sort modes • Single and mixed denomination • Single and mixed issue • Facing • Automated Commercial Deposit Processing (ACDP)
User interface	<ul style="list-style-type: none"> • Full colour touch screen • Visual display for each output pocket
Security	PIN access on machine
Operating system	Windows 10
Connectivity	<ul style="list-style-type: none"> • Ethernet • ECM™ ISA and BI

Operating conditions

Power	<ul style="list-style-type: none"> • Voltage: 95V – 265V • Frequency: 50Hz / 60Hz
Power consumption	<ul style="list-style-type: none"> • 300 W for the FDM module. • 250 W for each DMM/DSM module
Noise	<80 dB
Ergonomics	Seated or standing operation
Operating ambient temperature	15-30 °C
Humidity	30-70% (no condensation)
Dimensions (mm) and weights (kg)	<ul style="list-style-type: none"> • Base unit (FDM + DMM with reject pocket): 807(L) x 350(W) x 580(H) / 60kg • Each DMM: 272(L) x 350(W) x 580(H) / 20kg • Each DSM: 570(L) x 600(W) x 580(H) / 40kg

Detectors

Physical condition checkers	Dirt, stains/graffiti, print abrasion, holes and tears, format (bent and torn corners), tape detectors.
Serial number reader	Optional
Banknote Verification Detectors	Magnetic, UV, fluorescent, IR (transmitted light), contact image sensor (CIS).



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