

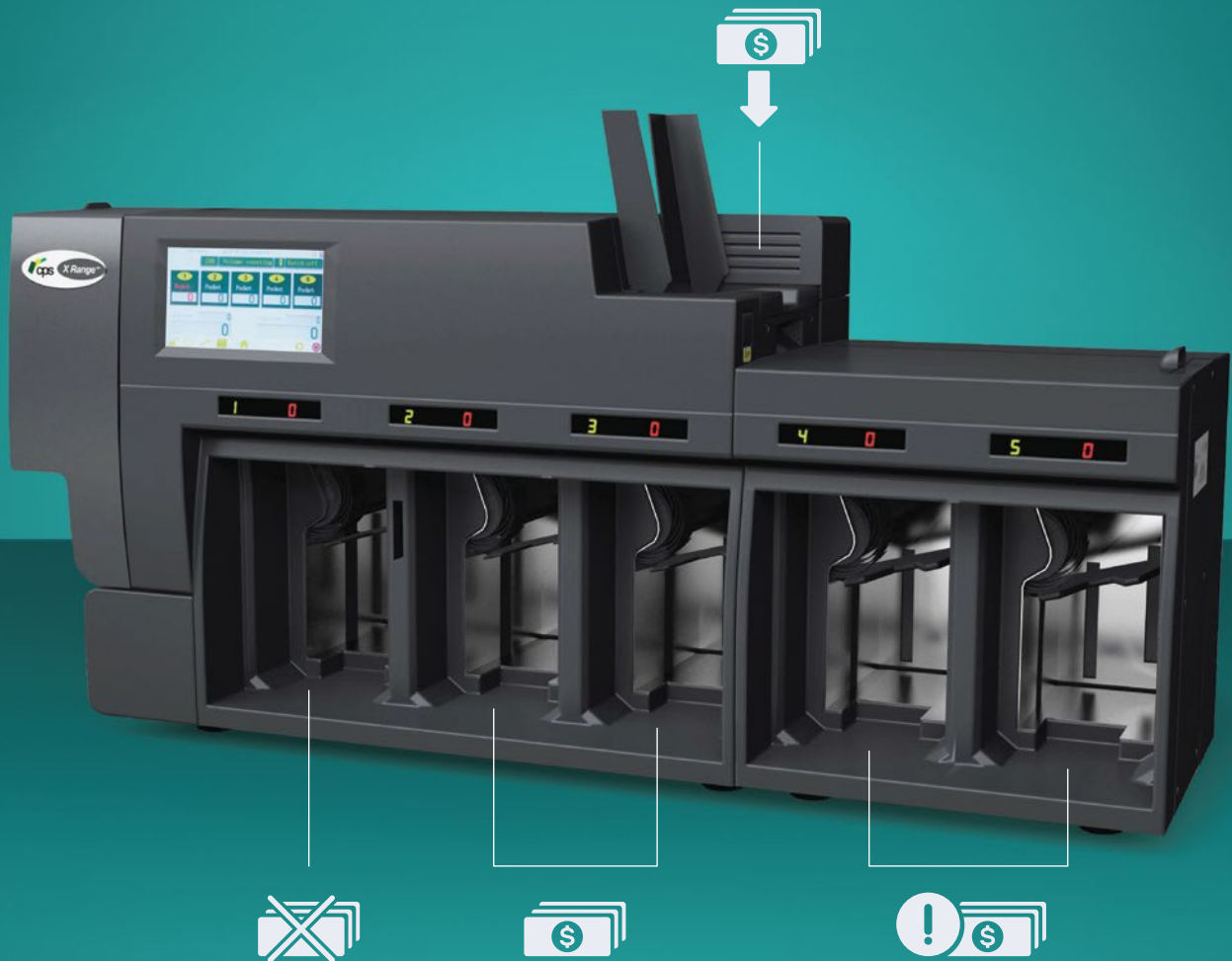


**BS2**

Penki kontinentai group

# CPS X-Range Cash Processing Equipment

## X Range™



25+

years on the market

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80

80 countries  
where BS/2  
operates

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7

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

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1500+

international  
customers

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90+

partners  
worldwide

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25+

years of  
partnership with  
Diebold Nixdorf

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400+

talented  
professionals

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# Competence at the core

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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 X-Range

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

The X Range™ is a scalable desktop counting and sorting machine that provides high-speed processing of large volumes of banknotes at a low cost of ownership. With a quick and easy installation and user-friendly operation, the X Range™ is ideal for small central banks, commercial banks, bank branches and cash centers where maximum operational performance and maintaining the highest standards of banknote sorting and security are essential.

## Scalability

The X Range™ sorter is a fully scalable solution for your cash handling organization with six different machine configurations from 2+1 to 8+1 pockets.

## Operational reporting

The X Range™ sorter allows access to operational data through an open architecture. Four types of reports are offered as part of comprehensive data logging and storage:

- End of Batch.
- End of Shift
- End of Day
- Machine Report

## Performance

The 54,000 banknotes per hour feeder capacity and pocket configuration increases the cash handling efficiency.


Productivity is also increased by a continuous feeder with a 1,000-note capacity and the largest receiving pockets in its class with a capacity of up to 500 banknotes.

## Adaptability

Up to 20 different currency templates can be programmed into the machine, depending on the size of each currency set, making the machine ideal for organizations processing foreign currency.

# X Range™ configurations

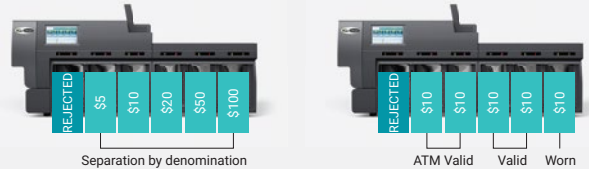
The X Range has several sorting modes that can be selected by the user. Each of them is designed to meet the specific business needs of the cash handling point.



**X3200/3500**

- Recalculation and validation
- Sorting by denomination


- Two-level sorting by physical condition of one denomination



**X6500**

- Recalculation and validation
- Two-level sorting by physical condition of one denomination in one pass
- Sorting by issue

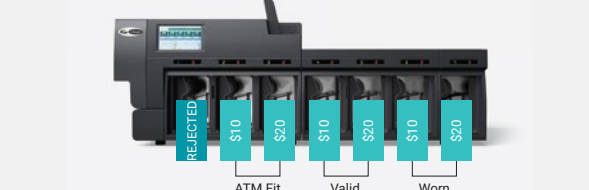
- Three-level sorting by physical condition of one denomination in one pass with one duplicate pocket for non-stop recounting
- Sorting by denomination



**X4200/4500**

- Recalculation and validation
- Two-level sorting by physical condition of one denomination with one duplicate pocket for non-stop recounting


- Three-level sorting by physical condition of one denomination
- Sorting by denomination



**X7500**

- Recalculation and validation
- Three-level sorting by physical condition of a large volume of different denominations in a single pass
- Sorting by denomination
- Sorting by issue


- Three-level sorting by physical condition of a large volume of one denomination in one pass with three redundant pockets for non-stop recounting



**X5500**

- Recalculation and validation
- Two-level sorting by physical condition of one denomination in one pass
- Sorting by issue

- Three-level sorting by physical condition of one denomination in one pass with one duplicate pocket for non-stop recounting
- Sorting by denomination



**X9500**

- Recalculation and validation
- Three-level sorting by physical condition of a large volume of different denominations in a single pass
- Sorting by denomination
- Sorting by issue

- Three-level sorting by physical condition of a large volume of one denomination in one pass with three redundant pockets for non-stop recounting



## User interface

1

- Large 7" touch screen
- Intuitive color graphic user interface
- User-definable sorting levels
- Programmable to handle one or more sets of currencies
- Easy integration with cash management systems, including Cash Management.iQ and ECM™
- Password controlled login for enhanced operational security

## Sensors

4

- Accurate and consistent sorting by physical condition, meeting global standards
- Physical condition detectors: dirt, stains/graffiti, print abrasion, holes and tears, format (bent and torn corners), tape
- Banknote verification detectors: magnetic, both side UV, fluorescent, infrared, contact image sensor (CIS)
- Serial number reader (optional)

## Feeder

2

- Capacity of 1,000 banknotes
- Continuous feeding for optimal performance
- Friction feeding device ensures fast processing even of the oldest banknotes
- Standard speed of 900 banknotes per minute with a feeder capacity of 54,000 banknotes/hour - fastest in its class

## Output options

5

- Six pocket configurations from 2+1 to 8+1
- Output pockets with a capacity of 500 banknotes
- 200 banknote pockets option on X3200 and X4200 models

## Transportation

3

- Feeding with the long side of the banknote
- User access to all transport areas for easy jam removal

## Rejected banknotes

6

- Capacity up to 500 banknotes
- Easily accessible and neatly folded banknotes for accurate and fast deposit reconciliation

6

# Specifications

Processing speeds	<ul style="list-style-type: none"> <li>Standard speed: 900npm (54,000 banknotes/hour)</li> <li>Optional speeds: 1,100npm (66,000 banknotes/hour) and 700npm (42,000 banknotes/hour)</li> </ul>
Feeder	Up to 1,000 banknotes, continuous feeding, friction design, long-edge banknote feeding
Pocket capacity	<ul style="list-style-type: none"> <li>Up to 500 banknotes (loose stack)</li> <li>Option of 200 banknotes capacity pockets with the X3200 and X4200</li> </ul>
Banknote size range	Width: Up to 85mm Length: Up to 182mm
Banknote material	Paper and polymer banknotes
Pocket configuration	X3200/3500: 2 output pockets + 1 reject pocket X4200/4500: 3 output pockets + 1 reject pocket X5500: 4 output pockets + 1 reject pocket X6500: 5 output pockets + 1 reject pocket X7500: 6 output pockets + 1 reject pocket X9500: 8 output pockets + 1 reject pocket
Reject pocket	Up to 500 banknotes capacity
Operating modes	Recounting, 2-level sorting by obsolescence (valid/worn), 3-level sorting by obsolescence (valid/worn/for ATMs), sorting by face and orientation of banknotes, separation by denomination and issue
User interface	<ul style="list-style-type: none"> <li>Display 17.78 cm (7")</li> <li>Graphic LCD color touch screen and intuitive user interface</li> </ul>
Operating system	Linux
Access control system	Setting user privileges
Connectivity	LAN, USB and Serial ports Enterprise Cash Management (ECM)

## Operating conditions

Power	Voltage: 100v-240v +/- 10% Frequency: 50/60Hz
Power ratings	X3200/3500: 240W X4200/4500: 256W X5500: 310W X6500: 330W X7500: 350W X9500: 370W
Noise	<77dB
Ergonomics	Seated or standing operation
Operating temperature	0-40°C
Humidity	30-90% RH
Dimensions (mm) and weights (kg)	X3200: 605(L) x 395(W) x 439(H) / 43kg X3500: 605(L) x 395(W) x 508(H) / 49kg X4200: 762(L) x 395(W) x 439(H) / 49kg X4500: 762(L) x 395(W) x 508(H) / 55kg X5500: 891(L) x 395(W) x 508(H) / 61kg X6500: 1022(L) x 395(W) x 508(H) / 67kg X7500: 1076(L) x 395(W) x 508(H) / 75kg X9500: 1300(L) x 395(W) x 508(H) / 90kg

## Sensors

Physical Condition Detectors:	Stains, graffiti, print abrasion, holes and tears, format (bent and torn corners), tape
Serial number reader:	Optional
Banknote validation detectors:	Magnetic, UV, fluorescent, IR (transmitted light), contact image sensor (CIS)



[connect@bs2.lt](mailto:connect@bs2.lt) | [www.bs2.lt](http://www.bs2.lt)