



X Range™

Providing scalability and flexibility
for a low capital investment



SUPPORTING FLEXIBLE BUSINESS

Cash Processing Solutions Innovation You Can Trust

Cash Processing Solutions Ltd (CPS) is a global provider of an integrated range of hardware and software solutions, consultancy and support services to the cash processing industry, designing bespoke solutions that truly enable our customers to:

- Safeguard their **REPUTATION**
- Optimise their **EFFICIENCY**
- Protect their **INVESTMENT**

Working with 230 customers across 106 countries, CPS provides a range of high-speed cash sorting and authentication systems alongside Enterprise Cash Management software which gives our customers control of cash through its entire lifecycle from production and issue to circulation processing and destruction. For banknote printers, our single note inspection systems enable new notes to be quality assured prior to issue.

With sixty years experience, our specialist knowledge of global cash cycle trends and currency management techniques ensure our customers' solutions are tailored to meet their specific cash processing objectives. Our on-going support and flexible service packages provide truly future-proofed solutions, enabled through our local presence, global knowledge and a proven ability to deliver bespoke requirements.

As central banks continue to devolve cash management responsibility to the commercial sector, there is an increasing demand to sort cash quickly and cost effectively.

Adopting a flexible business model allows you to allocate resources when and where it matters. Agility, flexibility and reliability together with minimal capital investment and maximum productivity are essential in achieving this model.

The X Range™ is a scalable desktop solution providing high-speed, high-capacity banknote sorting in return for low cost of ownership. With quick and easy installation and simple operator processes, the X Range™ is ideally suited to small central banks, commercial banks, bank branches and cash centres where maximising operating efficiencies and maintaining the highest standards of accuracy and security are vital.



Guaranteed banknote authenticity



The maintained desired condition of banknotes in circulation and ensured regulatory compliance



Improved operational security



Increased operational control and flexibility



Lowered cost of ownership and increased efficiency

X Range™



The X Range™ sort modes are user configurable and the diagrams below illustrate some of these modes. These are intended as a guide only and are not a complete list.



X3200/3500

- Counting and authentication
- Denomination sorting
- Two way fitness sorting of single denomination



X4200/4500

- Counting and authentication
- Two way fitness sorting of single denomination with one overflow pocket
- Three way fitness sorting of single denomination
- Denomination sorting



X5500

- Counting and authentication
- Two way fitness sorting of single denomination with two overflow pockets
- Issue split sorting
- Three way fitness sorting on single denomination with one overflow pocket
- Denomination sorting



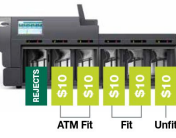
X7500

- Counting and authentication
- High volume three way fitness sorting on multiple denominations in one pass
- Denominational spread
- Issue split sorting
- High volume three way fitness sorting on single denomination in one pass with three overflow pockets



X6500

- Counting and authentication
- Denomination sorting
- Issue split sorting
- Three way fitness sorting on single denomination with two overflow pockets



X9500

- Counting and authentication
- High volume three way fitness sorting on multiple denominations in one pass
- Denominational spread
- Issue split sorting
- High volume three way fitness sorting on single denomination in one pass with three overflow pockets

Banknote transport

- Long edge note feeding
- User access to all parts of the roller transport for easy jam clearance

Detectors

- Accurate and consistent fitness sorting that meets global standards
- Fitness detection for soiling, stain/graffiti, holes & tears, cornerfolds, missing corners, tape
- Authenticity detection including full width multi channel magnetics, double sided ultra-violet (UV), fluorescence and infrared (IR), contact image sensors (CIS)
- Optional OCR detection for reading serial numbers

User interface

- Large 7" touchscreen
- Intuitive, colourful, graphical interface
- Fitness sorting levels are user configurable
- Can be programmed for single and multiple currency sets
- Integrates seamlessly with cash management systems including ECM™ ISA connectivity
- Configurable password access enhances operational security

Feeder

- 1,000 note capacity
- Continuous feed for optimal productivity
- Friction feeder handles poorest notes easily and quickly
- Standard speed of 900rpm and feeder throughput of 54,000 notes/hour – the fastest in its class

Output options

- Six pocket configurations from 2+1 to 8+1
- Output pockets with 500 banknotes capacity
- Option of 200 capacity pockets with the X3200 and X4200

Reject Pocket

- Up to 500 banknotes capacity
- Easily accessible and neatly stacked notes for accurate and efficient deposit reconciliation



Scalability

With a range of six machine configurations from 2+1 to 8+1 pockets, the X Range™ is a fully scalable solution for your cash processing environment.

It allows you to install the same equipment across your business at a configuration that meets the needs of each location relative to the volumes and type of processing required.

The range also provides a cost effective method of scaling operations up and down within a location as and when needed.

Productivity

The 54,000 notes per hour throughput and pocket configurations increase the amount of cash that can be sorted locally, thereby reducing the level of transportation of cash.

Efficiency is maximised by the 1,000 banknote capacity continuous feeder and the largest output pockets in its class, each holding up to 500 banknotes.

The large easily accessible pockets enable quick loading and removal of banknotes improving productivity levels. Quick-to-open covers reduce processing interruptions when jams occur.

Instant reporting

The X Range™ provides access to operational data through open architecture. Four reports are available as part of the sophisticated recording and data storage capability

- End of batch
- End of shift
- End of day
- Machine report

Through a direct connection, the X Range™ offers the added benefit of instant report printing.

Flexibility

Up to 20 different currency templates, depending on size of each currency set, can be programmed into the machine making it the ideal solution for locations that process foreign exchange.

The intuitive user interface allows for quick change over between currency selections.

Cost effectiveness

The X Range™ has a low cost of ownership due to a low initial capital investment and ongoing ease and efficiency of service.

The simple plug and play functionality, large 7" touchscreen and intuitive user interface minimises installation and training time meaning you can start to use the machine with minimal disruption.

The small size of the machine allows for efficient installation and storage.

HELPING YOU GROW