



CBX 6000V (Advanced Branch Capture)

High performance solution for centralised cheque processing



Economical and scalable

Units can be deployed according to your growing needs.



Modularly designed

Comprises of 5 modules: Feeder, Sorting, Verification, Encoding and Scanning.



International cheque truncation standards

Quality data to support image-based cheque processing.



Ease of maintenance

Fast repair due to its modular design.



Deployed at centralised processing hubs for high-volume cheque processing

The CBX 6000V is a unique advanced branch capture solution designed to combine high performance and flexibility in processing documents such as bank cheques and payment vouchers. Modularly designed to offer exceptional flexibility, the CBX 6000V is made up of 5 base modules – Feeder, Encoder, Scanner, Verification and Sorter modules; which can be easily connected to form a variety of configurations to suit your operational needs.

The implementation of this advanced processing system in your bank will increase your operational throughput and productivity by streamlining your processing methods into a single operation. Without compromising processing efficiency, it offers the most cost-effective processing method because its modularly designed concept easily adapts to your evolving operational needs, whereby you can add or subtract its modules accordingly.

Salient features

- Automatic feeder with single drop slot.
- MICR/OCR Barcode reader.
- Encoder (front-wheel type) for MICR and OCR.
- Front printer and Rear endorser.
- Front and Rear scanner.
- MICR validation.
- Sorter with 6 pockets.
- RS232-SCSI II interfacing provides total system integration.

CBX 6000V Performance

Operation Mode	Speed
Reading	12,000 docs/hour
Reading + Scanning	10,000 docs/hour
Reading + Scanning & Amount Encoding	5000 docs/hour



***Processing Speed represents hardware capability**

Actual throughput is determined by the processing speed of the host computer and its application software.

The above table represents performance based on: Document size = 160 mm
Encoding field = 13 characters.

Technical Specifications



Automatic Feeder

- Capacity of up to 500 - 1500 documents.
- Single feed capacity, Double-feed detector.

Verification

- **Magnetic CMC7, CMC0, E13B.**
- **Optical characters recognition OCRA, OCRB, Barcode.**
- **MICR Validation: MICR reader is an available option.**

Front-Rear Scanner

- Resolution: 200 DPI, 100 DPI programmable.
- Grey levels: 16 or black & white.
- Single or dual-sided.

Sorter

- Single pocket / 2 pockets / 6 pockets module.
- Capacity: 200 per-pocket.
- Maximum number of pockets: 24 (4 sorter modules).

Endorser

- Front or rear rotary drum with or without date and personalised logo.
- Front or rear dot matrix 9 needles printer.

Encoder

- High quality CMC7, E13B, OCRB encoding system.

Voltage

- 230 Vac (50Hz) - 115 Vac (60Hz)


Document Formats

- Width: 110mm -220mm
- Height: 60mm - 110mm
- Weight: 80 - 120 gr/sqmt
- Paper thickness: 0.09mm - 0.14mm

Interface

- Serial RS 232 standard.
- SCSI II standard - for image acquisition.

Quality Trademark

- Compliance 
- Safety: EN 60950



Sorter Module

Sorting station can be increased in units of 6-pockets.

Maximum no. of pockets:

24 pockets (4 sorter modules)

Sorter options:

- Single pocket module
- 2 pockets module
- 6 pockets module

Verification Module

MICR verifier
MICR reader (optional)

Scanner Module

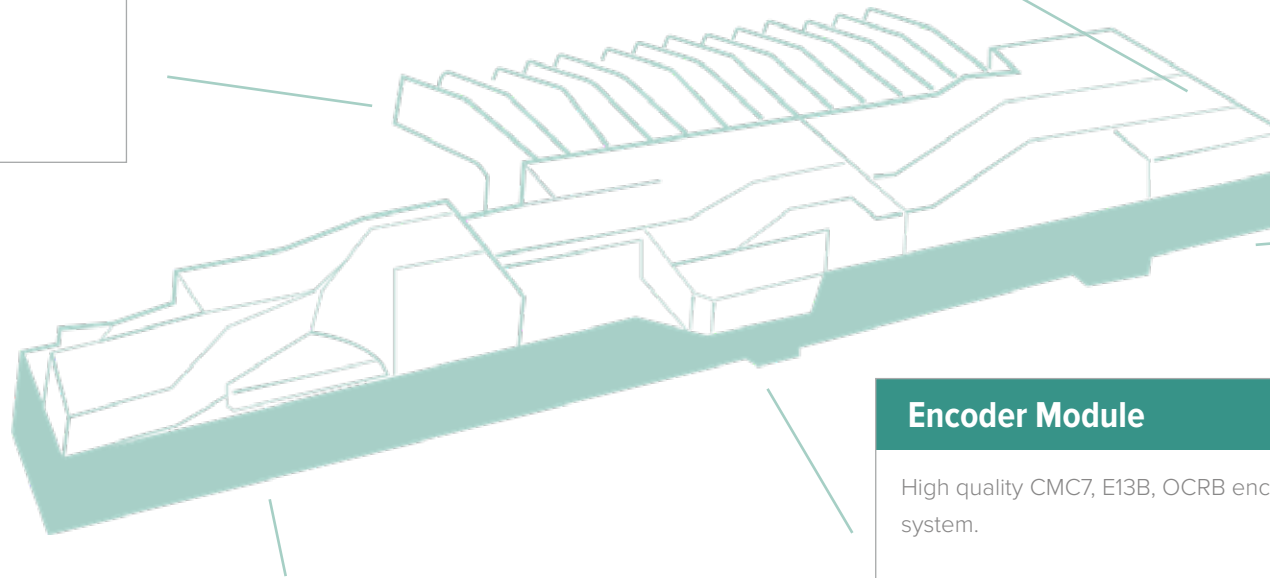
Single/dual-sided image capture.

Resolution:

200 dpi, 100 dpi

Grey Levels:

16 or Black & White



Feeder Module

Capacity 500 - 1500 documents.
Single feed capacity.
Double feed detection.

Includes:

- a. Automatic feeder.**
- b. Hand feed slot to for single feed documents.**
- c. MICR reader (CMC7 IE13B) OCR reader (OCRA / OCRB) Bar code reader.**

Encoder Module

High quality CMC7, E13B, OCRB encoding system.

Includes:

d. Encoder for MICR code line or OCR code line.

e. Endorser (printer):

- Front & Rear rotary drum
- Max print area:
23 x 16mm + date print
38 x 16mm w/out date print

f. Back Endorser:

- Front & Rear dot matrix 9 needles printer.
- Character height: 3.175mm

g. Viewing Station



At Rototype International, challenge is integral to who we are. We challenge ourselves to improve the lives of ordinary people by creating easy-to-use banking solutions. We challenge ourselves to realise the plans that banks have, using technology. And together, we challenge barriers that hold us from innovation, progress and competition.

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