![HTC logo]

Self-Service Bulk Cheque Deposit

Rototype CSD 2002/E.2

The only bulk cheque deposit kiosk with true Straight-Through Processing

Now in its sixth generation, the Rototype CSD 2002/E.2 transforms cheque deposit self-service with capabilities no other kiosk delivers. Featuring an AI-driven validation engine, it performs **real-time image capture, verification, and fraud detection**—delivering industry-first, fully automated clearing with zero operator input.

Purpose-built for high-traffic bank branches and 24/7 lobbies, the CSD 2002/E.2 automates the complete deposit workflow—scanning, endorsing, sorting, and validating—within a compact, accessible footprint. It is also the only kiosk equipped with the e-Lock Automation feature, a digital access system that removes the need for escorts by granting service engineers ticket-based, time-limited entry.

Trusted globally and field-proven in Hong Kong since 2004, this is next-generation cheque handling—built on Rototype's award-winning legacy.

Bulk feed deposit
Accepts up to 35 cheques in one high-speed operation.

Automatic stamping
Rotary front crossing + rear endorsement printing.

Cheques security bin
4-pocket secure sorting, up to 2,000 cheques.

Real-time image capture & AI verification
Verifies payee, amount, date, signature during scan for zero-touch clearing.

AI-powered fraud detection
Instantly flags altered or suspicious cheques.

Built-in e-Lock Automation feature
Time-limited, ticket-based access for engineers, no escorts needed.

Awards

- **Product Innovation Award 2007**, The China International Exhibition on Financial Banking Technology & Equipment (CIFTEE)

- **Best of Financial Applications 2004**, The MSC-Asia Pacific ICT Awards (APICTA)

Salient Features

- Accepts cheques of various sizes via automatic feeder.
- Performs MICR codeline verification.
- Automatic stamping (front); rear endorsement up to 5 lines / 200 characters.
- Real-time front & rear image scanning, stamped and endorsed.
- Optional UV scanning to detect tampered or cloned cheques.
- Sorts accepted cheques into 4 removable pockets, up to 500 per pocket.
- Captures and stores all codelines and cheque images for real-time transmission to processing centres.
- Records depositor's account number and transaction totals.
- Optional barcode reader for quick payment identification.
- Optional e-Lock Automation for keyless entry.
- Interchangeable service door orientation to fit deployment site.
- Optional Intelligent Character Recognition (handwriting & printed text) to decode Legal Amount, Courtesy Amount, Payee, and Date.

DPM 1002 Document Processing Module

- Automatic feeder accepting batches up to 35 cheques per transaction.
- Double-document and staple detection.
- 35 cheques deposited and receipt in 1 minute.
- MICR reader: CMC7, E13B or both; [Option] OCR reader.
- Front endorsement or cheque crossing by rotary drum with personalised logo.
- Rear endorsement by dot matrix printer, Up to 5 lines.
- **Front and rear cheque image scanning with G4 compression:**
  - 256 grey scale (100 or 200 dpi), JPEG format, black/white TIFF;
  - [Option] Colour images (200 dpi 24 bits true colour) or UV front image, 256 grey scale (200 dpi).
- Removable cheque collection box with sorting capabilities, 4 pockets capacity up to 500 cheques each, With security lock.
- **Rejected cheques handling:**
  Unreadable cheques are returned without endorsements through the output slot.
- **Uncollected cheques securing:**
  Cheques not collected from the output slot are retracted and stored in an internal pocket.

LCD Touchscreen Monitor

- 15" (1024 x 768 pixel), SAW technology.

Card Reader

- Motorised card reader: Magnetic + chip card, with shutter, EMV/2 standard, XFS compliant; [Select either option] Magnetic stripe reader or HICO reader-writer.

Receipt Printer

- Thermal printer for 80mm paper roll width.
- Transaction details printouts available in any language or fonts.
- Single or multiple cheque images, Advertising logos can be printed.
- Prints daily status reports.

Other Peripherals

- [Option] Audio speaker and headphone adapter to aid the visually impaired.
- Lighting panel with personalised logo placement at the top of the kiosk.
- [Option] Barcode reader for quick identification of payment documents.

Recommended Cheque Dimension

- Height 65 - 110 mm
- Length 125 - 220 mm
- Weight 80 - 120 gsm
- Paper Thickness 0.09 - 0.14 mm

Kiosk Dimension

- Height 1460 mm
- Width 480 mm
- Depth 668 mm
- Weight 118 kg

Interface

- Ethernet LAN connection to the HOST

Voltage

- 100 Vac (50Hz) - 240 Vac (60Hz)

Quality Trademark

- Compliance CE
- Safety: EN 60950