MDS 9000R (Cash-in, Cash-Out & Bulk Cheque Deposit)

A multifunction ATM that offers bulk cheque handling and cash recycling capabilities

Automatic stamping

Front crossing on each cheque using rotary stamp.

Automatic cheque sorting bin

Enables cheque sorting into 4 pockets, eliminating additional cheque handling.

Large cash storage capacity

5 cassettes, Total capacity of up to 16,400 banknotes.

Banknote serial number reader

Automatic recognition of serial numbers to aggregate useful analytic data.

Supports image-based cheque clearing

Equipped with automatic front stamping and rear endorsement printers, and on-board scanner.

Cash recycling module

Optimise your cash management resources.

Full XFS Compliance

Certified on Kalignite platform (KAL)

The best of breeds in 1 kiosk

The Rototype MDS 9000R is the latest addition to our range of multifunction self-service solutions which offers three of the most frequently used 24-hours services within a single footprint.

It boasts our flagship module for bulk cheque deposit that accepts up to 35 cheques in a single feed operation, and is capable of real-time endorsements and image capture to support image-based cheque processing standards in your country.

The MDS 9000R also incorporates a worldwide-accepted cash recycling module that enables cash-in and cash-out functionalities with recycling capabilities, so that your bank can now fully optimise the use of physical space and cash management resources.

The MDS 9000R is what every bank needs to fulfil your customers' basic banking needs in 24-hour lobbies, commuter stations and street corners.

Salient features

- Advanced recycling functions for cash deposit and cash withdrawal.
- Full feature cheque deposit function with 4 pocket sorting removable security box, Capacity up to 2,000 cheques.
- Cash acceptor slot for up to 300 banknotes, Bulk cheque deposit up to 35 cheques.
- Processing of entire banknote on both sides with 4 ways of insertion.
- Safe and fast cash recognition with serial number reading (optional).
- Up to 4 recycling cassettes and 1 configurable deposit cassette, Total capacity of 16,400 banknotes.
- Slim and modern design with 15" touchscreen.

Technical Specifications

MDS 9000R Multifunctional Module

- Separated slot for cash and cheque deposit with secured shutters.
- Input bundles of up to 300 banknotes in any direction.
- Automatic cheque feeder for batches up to 35 pieces in a single direction.
- Double feed and staple detection.
- **Rejected cheque/banknote handling:** Unreadable banknotes and cheques are rejected and returned to the customer.
- **Retain bins:** Uncollected cheques/banknotes not taken by the customer within a time limit are retracted into its respective document retain bins.
- **Escrow function:** Roll storage up to 300 banknotes.

Banknote Processing

- **Banknote reader:** Processing of entire banknote on both sides. Programmable to any combination of up to 127 banknotes of different denominations and currencies.
- 1 configurable deposit cassette; Capacity up to 2,800 banknotes.
- Up to 4 recycling cassettes: Capacity up to 3400 banknotes each, flexible configurations.
- 1 box for counterfeit banknotes.
- Serial number recognition (optional).
- ECB Art. 6 compliant.
- XFS compliant.

Cheque Processing

- **MICR reading:** CMC7, E13B or both.
- Front stamp by rotary drum with personalised logo.
- Rear endorser by dot matrix printer up to 5 lines.
- **Front and rear cheque image scanning:** At 100 or 200 dpi, 256 grey scale, JPEG format, black/white TIFF with G4 compression.
- Optional front and rear colour images (200 dpi 24 bites true colour) or UV front image (200 dpi, 256 grey scale).
- **Removable collecting box:** Reliable metal box with four pockets capacity up to 500 cheques each - security key.
- Single cheque escrow function.
- XFS compliant.

Card Reader

- Motorised-hybrid (Magnetic + Chip Card).
- Shutter + EMV/2 Standard, XFS compliant.
- Two options available: Magnetic band reader or HICO reader-writer.

Printers

- Thermal receipt printer for 80mm paper roll format.
- Transaction details printouts available in any language or font type/size.
- Single/Multiple cheque images and advertising logo available.
- Personalised stamping on each receipt (optional).
- Thermal journal printer (optional).

LCD Monitor

- LCD touchscreen monitor.
- 15” (1024 x 768 pixel), SAW technology.

Customer Keypad

- Stainless steel 130 x 110mm with 12 numeric + 4 function keys.
- Data encryption (Triple DES Standard), VISA Compliant (optional), XFS compliant.
- 8 display screen buttons: 4 keys on each side of the display screen.

Barcode Reader

- 2D barcode reader to recognise QR code.

Audio System

- Audio speaker and headphone adapter to aid the visually impaired.

Other Security Features

- Safe: Safety level UL 291 24h.
- Security camera (optional).
- Anti-skimming protection.
- Wide range of security sensors.

Operating System

Windows 10

Recommended Document Dimensions

Cheques:

- Height 65 - 100 mm
- Length 120 - 200 mm

Banknotes:

- Height 60 - 85 mm
- Length 120 - 177 mm

Kiosk Dimensions

- Height: 135 cm
- Width: 73 cm
- Depth: 95 cm

Interface

- Ethernet LAN connection

Voltage

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

Quality Trademark

- Compliance CE
- Safety: EN 60950

SPECS

ROTOTYPE INTERNATIONAL

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.

Rototype International is the sole and exclusive distributor of Rototype products in Hong Kong. All Rototype products are manufactured by Rototype S.p.A of Italy.

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