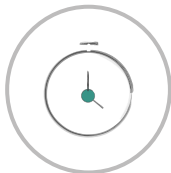




# MDS 9000

High performance, Dual-function ATM in a sleek cabinet



## High processing speed

Able to accept and process 120 pieces of deposits, and print receipt within 1 minute



## High deposit transactions

Ultrasonic sensors automatically detect document irregularities



## 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



## XFS compliant

XFS 3.20 with CIM, IPM and Mixed-mode support



## Large cash storage capacity

5 cassettes, Total capacity of up to 10,000 banknotes

MDS  
9000

## Speed and reliability at its best

State of the art, User friendly and Secure are three reasons why the Rototype Cheque and Cash Deposit Machine is a leader in its own right.

It is a high speed self-service machine that accepts up to 120 cheques and banknotes in a single feed operation because of its high transport speed and efficient scanning time.

Designed specifically with your customer in mind, this machine displays straight forward instructions on its touch-screen panel and emits clear lighting indicators to guide the customer through a seamless transaction.

For further ease of use, the machine is built with an automatic acceptor feature that enables your customer to feed cheques and banknotes in any orientation or alignment without compromising the quality used for identification or verification. At the end of each successful transaction, a receipt complete with transaction data and images of all deposited cheques can be requested as proof of deposit.

The MDS 9000 is ideal for banks that strive to improve customer service and satisfaction levels. Ergonomically designed with minimal footprint, it can be easily introduced in your 24-hour banking facilities or highly frequented places to meet the needs of your customers who deem banking flexibility and convenience Number One.







# Salient Features

Escrow function to allow all accepted banknotes or cheques to be returned should user choose to cancel the transaction

## Cheque processing

- MICR codeline verification and fraud detection
- Automatic stamping on the front of each cheque and ability to encode using HP inkjet technology
- Front & Rear capture of cheque images -- stamped and endorsed
- Automatically stores all codelines and cheque images
- Automatic acceptor so that cheques / banknotes in any orientation or alignment can be fed into the kiosk

## Banknote processing

- Ability to perform verification on both sides of the banknotes
- Deposit transactions collected in real-time through secured LAN
- Barcode reader to enable payment identification of utility bills

## Cassettes capacity

Banknote: 5 cassettes (2,000 notes each cassette)

Cheque: 1 cassette (2,000 cheques in total)

- Full XFS 3.2 compliance (CIM, IPM and mixed-mode support)



# MDS 9000

## Specifications and Features





## MDM 9000 Multi Deposit Module

- **Single slot for cash and cheque deposit**  
secured by aluminum shutter
- **Automatic feeder for batches up to 120**  
cheques and/or banknotes per feed
- **Double cheque and staple detection**
- **Rejected cheques/banknotes handling**  
Unreadable documents are returned to the customer through the output slot
- **Rejected cheques/banknotes**  
Uncollected cheques/banknotes in the output slot are retracted into its respective document retain bins
- **Escrow function**  
Roll storage up to 120 cheques/banknotes

## Cheque Processing

- **MICR Reader:** CMC7, E13B; OCR Reader
- **Front stamping by high resolution inkjet printer (300 dpi) for personalised logo**
- **Rear endorsing by high resolution inkjet printer up to 4 lines**
- **Cheque image scanning monochrome/24 bit color front & rear side at:**  
100, 200, 300dpi. JPEG or TIFF B/W format with G4 compression, optional UV scanning
- **1 cheque cassette; Capacity up to 2,000 cheques**
- **High processing capabilities of 2.5 cheques per second**

## Customer Keypad

- **Stainless steel 130 x 110mm with 12 numeric + 4 function keys**
- **Data encryption (Triple DES Standard), VISA Compliant (Optional), XFS compliant**

## Receipt Printer

- **Thermal 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)**

## Banknote Processing

- **Four-way insertion of banknotes up to 120 pieces per feed**
- **Banknote Reader**  
Ability to perform verification on both sides of a banknote;  
Programmable to verify up to 120 banknotes of various currency types and denominations
- **5 Banknote Cassettes; Capacity up to 2,000 banknotes per cassette**
- **1 Reject box to collect rejected/counterfeit banknotes**
- **High speed processing of 5 banknotes per second ECB Art.6 compliance**

## LCD Monitor

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

## Card Reader

- Motorized-hybrid (Magnetic + Chip Card)
- Shutter+ EMV/2 Standard, XFS compliant

## Barcode Reader

- For payment of utility bills

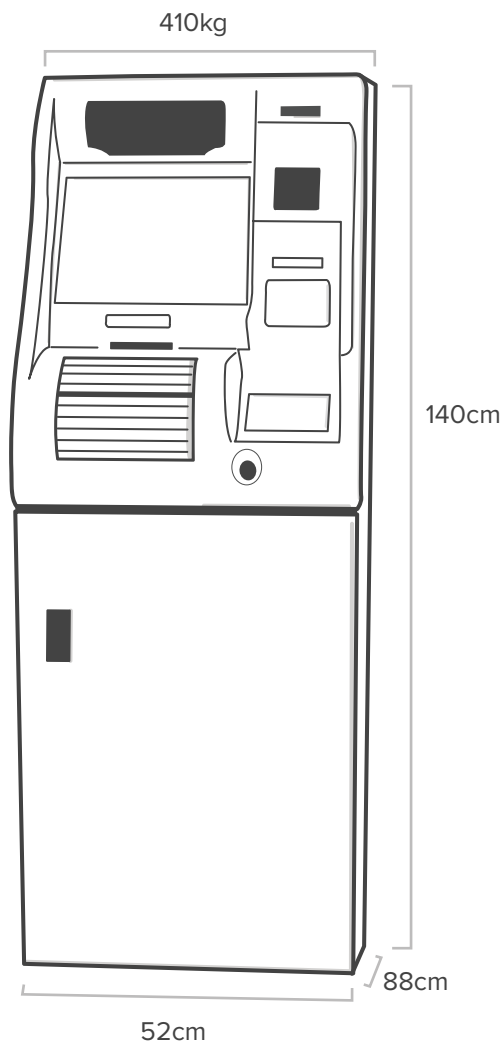
## Audio System

- Audio speaker and headphone adapter to aid the visually impaired

## Lighting Panel

- Personalised logo placement at the top of the kiosk

## Other Information



### Cheque Dimensions:

Height 65 - 100 mm  
Length 120 - 200 mm

### Banknote Dimensions:

Height 60 - 82 mm  
Length 120 - 180 mm

### Kiosk Features:

- Disability Discrimination Act (UK) & American for Disability Act (ADA) compliant
- Support bolting to the floor
- Robust and tamper resistant to minimize vandalism
- Restricted supervisor function access - reserved only for authorized staff

### Safe:

- Safety level CEN L (UNI EN 1143-1: 2012)
- Wide range of security sensors

### Voltage:

100 - 240 VAC (50 - 60Hz)

### Interface:

Ethernet LAN

### Quality Trademark:

Compliance

Safety: EN60950





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 holds 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.

## Contact Us

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E: [inquiry@rototypeintl.com](mailto:inquiry@rototypeintl.com)

T: +852 2850 6356

[www.rototypeintl.com](http://www.rototypeintl.com)

### **Rototype International (HK & China) Limited**

Unit 04, 8th Floor

Eastern Centre 1065

King's Road, Quarry Bay

Hong Kong

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