

# NCR Cash Recycler

Would you like your branches to make the most of the time available?

YES

## A more effective use of everyone's time

NCR Cash Recycler automates the acceptance, authentication and validation of bank notes while making them instantly available for dispensing to customers. The NCR Cash Recycler has eight Rolled Storage Modules capable of accepting and dispensing numerous denominations and multiple currencies. Designed to improve the productivity of the teller's role, the NCR Cash Recycler speeds up transactions, reduces wait times and improves customer interaction.

- **Increasing productivity**

Cash deposit transaction times can be reduced by up to 50%. Cash dispense transactions times can be cut by up to 40%. And the time taken for start and end-of-day cash balancing is reduced by an average of 20 minutes as well as significantly reducing the number of vault buys and sells.

- **Improving customer satisfaction**

Average wait times are cut by up to 50% with the NCR Cash Recycler, allowing tellers to give the customer their undivided attention rather than focusing on the transaction. Customers benefit from a more personal, as well as efficient, service, which is key to improving branch sales performance.

- **Improving branch security**

NCR's Cash Recycler significantly reduces cash exposure in your branch. Cash is stored in a secure safe with restricted access. All the counting and verification is conducted inside the recycler minimizing the time that cash is exposed.

- **Built for the branch**

Designed with today's space sensitive branches in mind and offering the best ratio on the market of a high capacity coupled with a small footprint, NCR's Cash Recycler is flexible enough to be used in any bank environment.

- **Industry-leading note detection**

NCR's Cash Recycler uses note authentication technology from global leaders Giesecke and Devrient (G&D). By using preventative detection, the acceptance of potential counterfeits can be reduced.



For more information, visit [www.ncr.com](http://www.ncr.com),  
or email [financial@ncr.com](mailto:financial@ncr.com).

## Key Features

- Compact physical size and service footprint to allow placement without rework of branch furniture
- Uni Directional transport mechanism resulting in the lowest number of note movement turns in the market which maximizes uptime
- Unique continuous feed capability particularly appropriate for higher volume cash deposits
- Note storage mechanism can be completely wheeled and relocated for secure ease of service

## Why NCR?

With over 40 years of experience and knowledge, NCR is a leading global provider of payments, assisted- and self-service solutions. NCR has been the global number one manufacturer of ATMs for more than 22 consecutive years. We help our clients around the world improve their customer interactions, implement change quickly and proactively, and transform their businesses to become leaders and change agents. We can help you, too.

## Technical Specifications

### PRODUCT DIMENSIONS

- HEIGHT
  - UL 291 26.4" (670mm)
  - CEN III 28.5" (735mm)
- WIDTH
  - UL 291 17.3" (440mm)
  - CEN III 19.5" (495mm)
- DEPTH
  - UL 291 33.9" (860mm)
  - CEN III 37.0" (940mm)
- WEIGHT 441 – 1213lbs (200 – 550kg) depending on configuration

### NOTE HANDLING

- 8 Rolled Storage Modules (RSM)
- Up to 500 banknotes per RSM (depending on the dimension of the notes)

### HANDLING OF ROLLED STORAGE MODULE

- Storage by single denomination with recycling function
- Multidenomination storage with stocking function
- Each RSM can be configured to contain up to 150 different denominations

### DEPOSIT AND WITHDRAWAL SPEED

- Dispense speed of up to 8 banknotes/second, deposit speed of up to 5 banknotes/second
- Cash deposit size 150 notes (continual feed possible)
- Cash dispense size 100 notes (clear to continue dispense)

### DIMENSIONS OF BANKNOTES HANDLED

- Standard configuration:
  - Length: 100mm – 190mm
  - Width: 60mm – 82mm

### NOTE DETECTION TECHNOLOGY

- Giesecke and Devrient CashRay 90 – 3D, visible light, infrared, ultraviolet, magnetic, 1,300 samples per banknote
- Certified for the detection of counterfeits according to the Banknote Recycling Framework of the ECB (Article 6 of Council Regulation (EC) No 1338/2001 for the protection of the Euro against counterfeiting,)
- Certified for the detection of unfit Euro banknotes according to the BRF available as an option

### SECURITY

- Wide range of locks available including Mas Hamilton and LaGard
- Can be fixed/bolted to the floor and can house a seismic sensor
- Safes - 5mm, UL 291 12mm, CEN L 12mm, CEN III 40mm
- Timed distribution of banknotes - Cash dispense can be phased based on the amount requested to enhance security. Up to 7 time zones available with different delays to avoid emptying the device in case of robbery

- Time zones - 20 operation zones, which enable planning of times of the day and days of the week when the Cash Recycler can be used
- Illuminated indicator arrow to identify teller cash
- Alarms - 3 alarm outputs with external contacts (ON/OFF)

### COMMUNICATION OPTIONS

- 2 x Serial RS232 port
- 2 x USB 1.1 port
- Ethernet

### POWER REQUIREMENTS

- Voltage: 110 - 240VAC
- Power: 600W
- Frequency: 50/60/400Hz



Experience a new world of interaction

NCR Cash Recycler

NCR continually improves products as new technologies and components become available. NCR, therefore, reserves the right to change specifications without prior notice.

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