CM Series

Intelligent Banknote Sorting Machines

Powerful & Easy-to-use

Flexible Sorting Schemes

Accurate Identification

Integrate to Switch

Reliable Quality & Durability

Convenient Maintenance

GRG CM series is comprised of high performance banknote sorting machines with cutting-edge banknote detection technology to improve cash processing speed and accuracy. By utilizing CIS (Contact Image Sensor) and OCR (Optical Character Recognition) technology, image of both sides as well as serial number of the banknote can be captured and recorded.

The intelligent operating system ensures the system's scalability and 7-inch large LCD touch screen enhances user experience. Extendable configuration based on main cash sorting unit applies to various cash processing scenarios in cash center and branch back office.

Banknote Sorting Machine
CM400

An ideal cash counting and sorting solution
for banks, retails and CITs.

Based on GRGBanking's 20 years experience in currency recognition and cash processing industry, CM400 is a 4 stackers sorting machine, with high processing speed of 720 notes/minute for sorting and 1,000 notes/minute for counting, which is able to provide reliable and efficient cash sorting service in cash center.

Precise Cash Processing

• Diversified banknote sorting schemes, enable more convenient, flexible and efficient cash processing management. Once the sorting criteria are set, the banknotes can be sorted accordingly.

- ✓ Fitness sorting
- ✓ Denomination sorting
- ✓ Orientation sorting
- ✓ Version sorting
- ✓ Customized sorting
- ✓ Value counting

• Professional and comprehensive banknote detection technology is able to detect soiled, stained, taped, torn and dog-eared notes. Customized currency recognition algorithm divides the banknote conditions into 10 different levels, which offers accurate criteria for banknote sorting.

Soiling   Hole   Adhesive tape   Missing part   Dog-ears

Stain   Tear

• Optional automatic serial number capturing at a speed of 12 notes/second, the serial number can be recorded and the both sides' image of each note can be kept in an optional image recorder. Users can check the banknote's serial number and image information.

• Innovative anti-static design effectively eliminates the static electricity on the banknote and therefore enables our unit to handle polymer note.

Optimum User Experience

• 7" LCD touch screen with clear operation prompts and user guides, improve the user experience.

• With operation hopper user can keep feeding the notes.

• The Android operating system ensures the scalability of CM400 for a better cash processing and management solution.

• High brightness digital display to indicate the number of banknote in the stacker.

• Non-stop operating stacker is able to automatically push out the sorted notes, release them on the note collection tray and carry on its operation without a stop.

• With USB RS-232 and LAN interface, CM400 is able to connect with external LCD, printer and PC for sorting report management.

USB, RS-232,LAN Interface   Non-stop Operating Stacker   Serial Number and Image Recording

Easy Maintenance   Dust Collection Board   7'' LCD Touch Screen

Easy Maintenance

• Supports quick and easy access to the banknote transport to remove jammed notes and conduct cleaning.

• The dust generated during operation will be automatically collected into dust board to increase the uptime of the machine.

• Supports remote upgrade and diagnosis.

Sorting Report Management

• Customer can check the sorting report on the machine, such as the cash processing amount, denomination and fitness information, for rejected note, the machine is able to record and display the reason of rejecting.

• With instant sorting report printing function, a receipt can be printed for each sorting movement.

• The sorting report can be exported to external device such as USB disk, PC, as well as any other data storage device, for future analysis.

Security Feature

CM400 is configurable with GRG GSECOne security solution, which is a comprehensive and specific software for terminal security, to protect the system and files from software attack.

GSECOne

Features

★ Excellent feature in the industry	● Standard feature in the industry	
High processing speed		●
Accurate cash recognition	★	
7 inch touch screen	★	
Android operating system	★	
Non-stop operating hopper		●
Non-stop operating stacker	★	
Serial number reading	★	
Banknote Image recording	★	
External printer and screen		●
Cash sorting report management	★	
Remote monitoring and distribution	★	
Security Solution	★	

Banknote Sorting Solution for Cash Center

With successful experience of launching CM400, GRGBanking has further developed 6 and 8 stackers' sorting machine. Based on the main cash sorting module of CM400, designed for large volume cash processing, the CM series is able to improve the cash processing efficiency and productivity in cash center with reliable performance.

CM600/CM800
-Banknote Sorting Machine for Cash Center

The CM600 and CM800 are designed for large volume cash processing in cash center of CIT company and bank. With reliable performance, advanced cash recognition technology and comprehensive management software, the machines are able to provide one-stop cash sorting automation solution to cash centers.