RELIABLE CASH RECYCLING TECHNOLOGY

Cash management accounts for an average of 48% of ATM network operating costs globally—a cost that could be reduced through adoption of automated cash-recycling technology. Whether financial institutions (FIs) risk running out of cash in areas where demand for withdrawals is high, or they risk overstocking ATMs by as much as 40%, optimizing cash recycling can mean major savings ... and consumer satisfaction.

PHILOSOPHY

Our advanced cash-recycling technology is designed to provide flexibility for FIs that need solutions tailored to specific market needs and customer environments. These advanced systems significantly reduce cash-management costs and challenges, keep ATM networks supplied with the optimal level of cash, and automatically count, fitness check and detect counterfeiting while recirculating deposited notes to save FIs both time and money. With the CS 4580's added bundle check deposit, passbook module, receipt/information printer and single or integrated coin processing, the CS 4580 is designed not only for efficiency but to enhance the consumer experience as well.

AUTOMATION AND SECURITY YOU CAN COUNT ON

Faster and more reliable than any other system available, our cash-recycling systems—including the CS 4580—enable providers to offer consumers the ability to make large deposits and withdrawals while reducing the total cost of ownership of self-service systems. While optimizing cash replenishment and pick-up processes, the CS 4580 also meets the highest standards of security, ensures audit compliance and creates maximum transparency of all cash inventories. As a part of our Cash Cycle Management™ Solutions portfolio, the CS 4580 also features an innovative banknote storage system that enables operators to realize closed cash cycles thanks to the ability to interchange cassettes between all cash-dispensing and recycling systems.*

IMPRESSIVE INNOVATION

The CS 4580 is an outstanding performer, offering reliable banknote recognition and handling, as well as bundle check and integrated coin processing, passbook module, receipt and information printer. Tried and proven worldwide, the banknote recognition technology with improved sensors and innovative cassette technology are the basis for a unique and flexible system concept that can be tailored to meet individual customers' needs. High note capacity and high uptime make the CS 4580 an ideal system for high-volume outdoor applications, and optimal component accessibility and an intuitive interface mean the CS 4580 is also one of the world's most user-friendly wall cash-recycling systems.

*Interchangeable with all Diebold Nixdorf systems that feature CMD-V5 and RM3 modules.

FEATURES

APPLICATION
- Exterior rear-load through the wall cash recycler

MEDIA TECHNOLOGY
RM3 recycling module
- Cassettes
  - 3+1 (3 recycling cassettes + 1 acceptance cassettes)
  - 4+1 (4 recycling cassettes + 1 acceptance cassettes)
- Recycles up to 4 denominations
- Maximum fill level: 300 mm (large), 200 mm (small)
- Deposit/withdrawal of up to 300 notes in bundles
- Foreign object detection
- Transport speed: maximum 10 banknotes per second for deposits/dispenses

Cash cassettes
- Up to 5 cassettes
- CCMS ready with E2E cassettes
- Multipurpose cassette with up to 3 compartments
- Separate cassette for counterfeit notes
- Fill-level indicator
- Scalable cassette concept

Banknote recognition
- Banknote validation as per ECB framework
- Processes up to 120 denominations simultaneously

CCDM (Cash/Check Deposit Module)
- Bundle deposit up to 50 notes/checks
- Metal detection
- MICR and OCR recognition
- Banknote validation in compliance with ECB Article 6
- Options: fit/unfit test
- Maximum fill level per cassette: 215 mm
- Separate compartment for counterfeit notes/retracts

ENHANCED SECURITY
Physical
- Consumer awareness mirrors
- Intelligent operator authentication via CrypTA Stick
- Anti-card-trapping functionality
- Anti-manipulation card slot

Logical
- Encrypting PIN Pad
- Optical Security Guard (OSG)
- Secure channel

DIMENSIONS

WIDTH
865 mm (34 inches)

HEIGHT
1797 mm (70 ¾ inches)

DEPTH
1256 mm (49 ⅖ inches)

WHY DIEBOLD NIXDORF?

With an installed base of 1 million customer touchpoints in more than 120 countries, Diebold Nixdorf leads the industry in self-service cash systems automation innovations. This positions us to better understand the market needs of today and anticipate those of tomorrow. Leveraging our IP and expertise in cash handling, security and branch automation, we use our knowledge across peripheral markets where self-service efficiencies are emphasized for consumers who desire ease, familiarity and security with their day-to-day transactions—from branch to mobile and beyond.

SYSTEM OPTIONS

SECURITY	• Portrait, cash slot, card reader camera
	• Consumer awareness mirrors
	• Intruder alarm system
	• ASKIM
	• Multiple sensor secured cassette
	• Ink staining
	• PIN Pad Shield
	• Security safe
	  - CEN L (40 mm)
	  - CEN III
	  - CEN III EXGas
	  - CEN IV

DISPLAYS	• 15" XGA color consumer display screen • Vandal-Resistive Screen with function keys or touchscreen • High bright/semi bright • Privacy filter • 10.4" rear service operator panel
PROCESSOR	Celeron, i3, i5
ACCESSIBILITY	Headphone jack
CONSUMER EXPERIENCE	• Branding panel • Alphanumeric keyboard
POWER ARCHITECTURE	• Basic power architecture • Uninterruptable Power Supply (UPS)
ID DEVICES	• EMV-ready card reader, Motorized or DIP • Contactless card reader • Barcode scanner 1D/2D
PRINTERS	• 80 mm enhanced graphical receipt printer • 80 mm Enhanced graphical receipt printer-dual paper roll (10" roll & 7" roll) • Passbook printer • Journal printer • Statement printer (A4, letter, 6")
DISPENSER/ DEPOSITORY	• CCDM Cash Check Deposit module • Coin dispenser (4- or 8-fold count) • A6 single check scanner

DIEBOLD NIXDORF