

# AST 7000 NT5

## 8 Roller Teller Cash Recycler

The AST 7000 NT5 is an automatic cash in-cash out recycling unit. Designed to guarantee very high performances in counters with many cash transactions, the AST 7000 NT5 ensures the security and reliability needed to protect open branches, and simultaneously speed up cash processing operations.

This teller cash recycler handles the storage, safekeeping, and distribution of bank notes through one input pocket.

This unit is equipped with **8 recycling drums with a capacity up to 500 US bank notes each**. The drums utilize rolled storage technology.

Bank notes recognition is performed by CIMA's sensor BV 5000 bill validator employing all the most advanced technologies: magnetic, infrared, fluorescence, ultraviolet, visible light.

The compact size and innovative design make the unit suitable for any bank environment. The AST 7000 NT5 stores and withdraws bank notes at a speed of 7 and 6 bank notes per second respectively.

For easy service, the frame has been devised to be completely removable so that maintenance can be done in a remote area without interrupting the teller's normal operations.

The AST 7000 NT5 enables you to reduce teller cash deposit transaction times by up to 50%, cut cash dispense transactions times by up to 40%, and reduce the time taken for start and end-of-day cash balancing by an average of 20 minutes, significantly reducing the number of vault buys and sells. Automating the cash counting process virtually removes teller errors, leaving you and your staff to concentrate on relationship building instead of process management.



### Features:

- ❖ High security level allows open branch design.
- ❖ Up to 4,000 US bank notes in recycling.
- ❖ Excellent ergonomics.
- ❖ Small footprint allows the unit installation in any layout.
- ❖ Does not require any structural modifications of the counters.
- ❖ Real time update of balances and cash in handling.
- ❖ High level authenticity detectors prevent human errors.
- ❖ Multicurrency operation.
- ❖ Potential to return the last deposit made.
- ❖ Considerably reduces the cash in hand within the branch.
- ❖ Provided with software and hardware for the management of alarms and security locks.
- ❖ Compact maintenance footprint to allow remote servicing.
- ❖ When equipped with the fitness feature, the bank notes distributed by the unit can be directly fed into ATM devices without using the CIT money.



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# Technical Specifications *AST 7000 NT5*

## HEIGHT:

UL291 - 26.4" (670mm)  
CEN III - 29" (737mm)

## WIDTH:

UL 291 - 17.3" (440mm)  
CEN III - 19.5" (495mm)

## DEPTH:

UL 291 - 33.9" (860mm)  
CEN III - 39.4" (1000 mm)

## WEIGHT:

From 363 pounds (165 kg) to 1058 pounds (480 kg) depending on configuration.

## HANDLING OF ROLLED STORAGE MODULE

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

## DEPOSIT AND WITHDRAWAL SPEED

- Deposit and dispense speed of up to 7 bank notes/second
- Cash deposit size unlimited (a physical initial bundle of 150 notes, which can then be continually topped up without restarting)
- Cash dispense size 100 notes, clear to continue uninterrupted dispense

## DIMENSIONS OF BANK NOTES HANDLED

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

## BILL VALIDATION DETECTION TECHNOLOGY

- BV 5000 bill validator
- 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 bank notes according to the ECB

## SECURITY

- LaGard lock
- Can be fixed/bolted to the floor and can house a seismic sensor
- Safes– UL 291 and CEN III
- Timed distribution of bank notes - 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 that enable planning of times of the day and days of the week when the Cash Recycler can be used
- Illuminated indicator arrow to identify the owner of the cash when in shared teller mode
- Alarms - 3 alarm outputs with external contacts (ON/OFF)

## NOTE HANDLING CAPACITY

- 8 Rolled Storage Modules (RSM)
- 700 bank notes per RSM for Euro
- 500 bank notes for US dollars
- Others, depending on note length

## COMMUNICATION OPTIONS

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

## POWER REQUIREMENTS

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



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