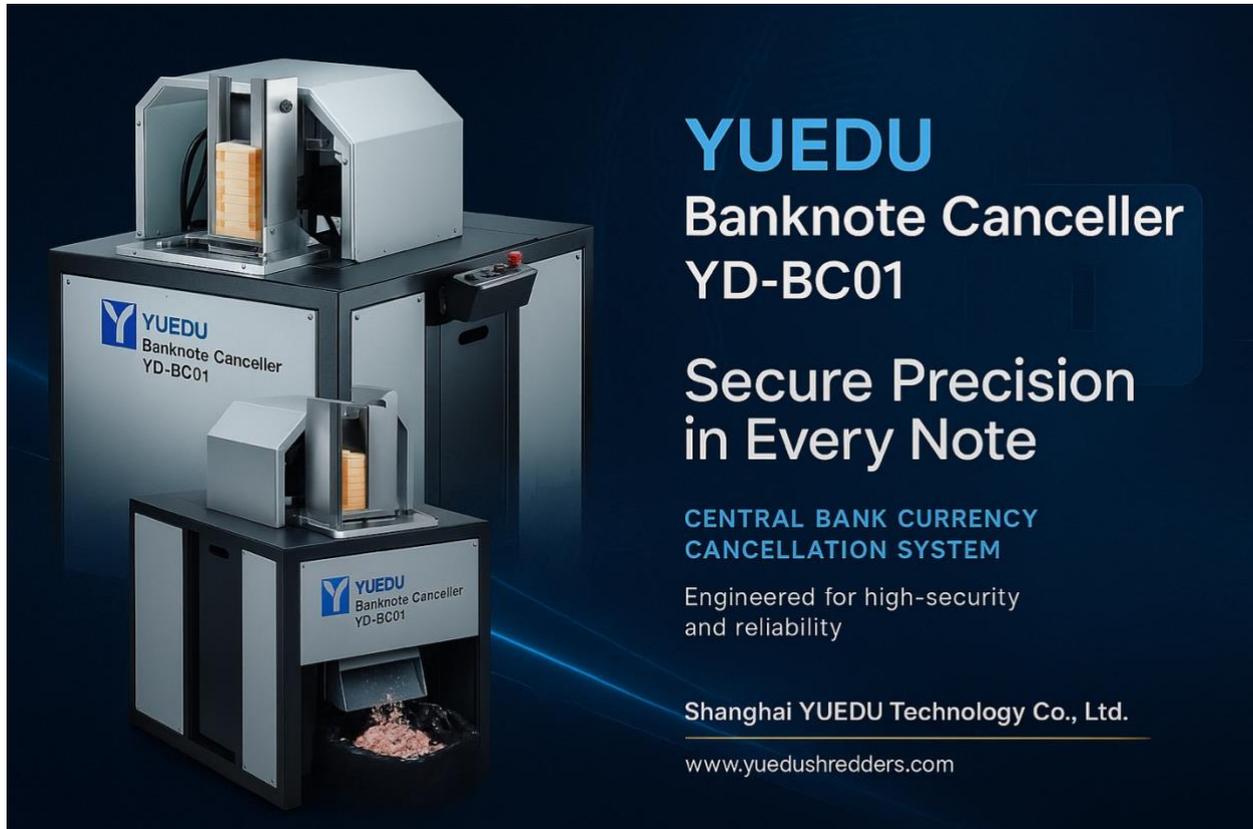




## YUEDU Banknote Cancellor YD-BC01

### Central Bank Currency Cancellation System

Shanghai YUEDU Technology Co., Ltd.



### Product Overview

The **YD-BC01** is a high-security banknote cancellation machine designed for central banks, national mints, and financial supervision agencies.

It adopts a modular electro-hydraulic system with intelligent control and precision detection to perforate banknotes immediately after sorting — reducing transportation risks and ensuring full traceability and destruction integrity.

Developed from YUEDU's extensive experience in secure destruction, hydraulic control, and EHS-compliant safety design, the system is ideal for **central banks, security printing plants, banknote processing centers, and confidential destruction facilities.**

### Design Features

- **High-Security Punching Structure** — The perforation die meets strict central-bank standards and supports various hole patterns or coded shapes. Each pattern can be customized for regulatory or identification purposes.

- **Modular Hydraulic Drive** – Independent power module with smart pressure stabilization delivers smooth punching, low noise, and extended lifetime.
- **Ergonomic Human-Machine Interface** – Optimized working height, simple control layout, and comfortable operation even during continuous use.
- **Immediate “Sort-and-Cancel” Workflow** – Can be linked directly to banknote sorting lines to realize “Sorting → Cancellation → Bundling” in one automated sequence, minimizing manual handling and security exposure.

### Key Advantages

- Processes **up to 2,500 bundles per hour** automatically.
- Configurable for **single- or dual-operator** modes to meet different security levels.
- Easy annual maintenance: hydraulic oil replacement and blade sharpening only; light lubrication every 2–3 months under heavy duty.
- **Industrial-grade components** and simplified mechanical layout ensure reliability and long service life.
- Equipped with **electrical interlock safety cover** and emergency-stop system compliant with EHS standards.
- Can be integrated with YUEDU shredders or briquetting presses to form a complete destruction line.

### Operation Sequence

1. Power on — system enters standby mode.
2. Place the sorted banknote bundles into the automatic feeder.
3. Notes are automatically separated, positioned beneath the die, and perforated.
4. Each processed bundle is pushed to the delivery tray.
5. Waste chads are collected in a sealed container below the punching area.
6. The cycle repeats automatically until the feeder is empty.

### Machine Configuration

- Electro-hydraulic drive system (smart pressure control)
- Automatic banknote feeding unit
- Multi-mode operator panel with load monitoring
- Replaceable punching die assembly
- Waste-collection container (optional vacuum system)
- Maintenance tool & spare-parts kit (optional)
- Operation / maintenance manual

### Technical Specifications

Item	Specification
Dimensions (L×W×H)	900 × 770 × 1 370 mm

Item	Specification
Net Weight	≈ 260 kg
Punch Die	Standard 6-hole Ø12 mm (custom patterns optional)
Processing Speed	Up to 25 bundles / min
Banknote Size	200 × 100 mm (adjustable upon request)
Power Supply	380 V / 50 Hz (3 Phase) or 220 V / 50 Hz option
Rated Power	3.5 kW
Control System	PLC intelligent control + sensor protection
Noise Level	≤ 72 dB(A)
Safety Compliance	CE / GB-T 5226.1 / YUEDU internal EHS standard

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Specifications subject to change without prior notice.

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