

# JL8010

## The Professional Sorting and Bundling Machine



Julong's multi-pocket sorter JL8010 is the total package. Not only can it be equipped with up to seven output-pockets but it also has an integrated bundling system, making it the perfect solution for cash centers, where large quantities of banknotes are processed.

The machine contains innovative technology and design, pioneered by Julong and unique to Julong machines: virtual pockets, multiple-CIS image recognition, and straight transportation lines.

### Virtual Pockets

The JL8010 is equipped with Julong's patented concept of "virtual pockets". Once a pocket reaches its limit the banknotes are put in a depository, thus freeing up the pocket for further

processing. The banknotes in the depository are either pushed to the front, where they can be collected, or move down to the bundling station.

This allows for a continuous use of every available pocket, and a smooth workflow. Each pocket can thus be used twofold: for processing and holding, effectively doubling the amount of available pockets.

### Highlights:

- Number of pockets doubled thanks to Julong's innovative concept of "virtual pockets"
- A straight transportation line minimizes the risk of jamming
- The unique image recognition module provides the highest level of security
- Quiet and eco-friendly

### Julong Europe GmbH

Friedrich-Ebert-Anlage 36 - 60325 Frankfurt am Main  
Tel: +49 (0)69 / 244 333 – 122, Fax: +49 (0)69 / 244 333 – 200  
Web: [www.julong.de](http://www.julong.de)



## Minimized Jamming

The entire transportation route is straight and flat, which greatly reduces the risk of jamming or banknote overlay. And although the JL8010 is a closed system, keeping the operator from being exposed to the dust emitted by the processed banknotes, every part of it can be easily accessed. So in the unlikely event of a jam the problem can quickly be fixed without significantly stalling the process.

## The Sensors

The detection module within the JL8010 contains three CIS image detectors and one light source. The entire surface area is photographed and scanned on both sides of the banknote, ensuring that any irregularities are detected. The abundance of sensors raises the security of the cash handling process to the highest level, unmatched by competing machines.

The software programming ensures that new currencies can be easily integrated into the system, giving the machine unrivalled longevity.

## Data Monitoring

The operating system of the JL8010 ensures that the cash handling process is transparent, accountable, and safe. The system tracks a multitude of useful data and information, such as customer ID, date, time, number of notes, split ratio, request for service, etc. It will recognize each banknote's individual serial number, fully decode it and make it available for further database processing.

The JL8010 offers full automation for your sorting and bundling process, minimizing the potential for error, while simultaneously increasing workflow efficiency and throughput

The intelligent software applications let you track the entire cash handling process in real-time while maintaining the highest security standards.

## “Our Money” – ECB Certificate

The machine's cutting-edge ES2-platform ensures that you are able to process future ES2-banknotes, and lets you be prepared for anything the new banknotes from the ECB-Europe-series, have to offer.

## Serial Number Recognition

The image recognition module with its multiple CIS is able to recognize each banknote's individual serial number and fully decode it. It can compare the serial numbers to blacklists, either stored internally or externally via network, and will notify the operator if a blacklisted number was found. This will stop counterfeit money at the most vital level and facilitate communication between central- and commercial banks.

## Technical Data

Pocket-Capacities	1000 Notes (Feeder) 500 Notes (Output Pockets) 100 Notes (Reject Pockets)
Number of Pockets	4 or 7 Output Pockets 2 or 1 Reject Pocket(s) 1 Bundling Pocket
Speed	700-900 Notes/Min.
Bundling Speed	7 Bundles/Min.
Power Supply	220V ± 10%, 50-60Hz
Dimensions	from: 1310mm x 494mm x 1173mm (L x W x H)
Net Weight	from: 150 kg

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