## Processable Materials
- Banknote paper
- Polymer
- Batch card
- Casino ticket

## Authenticity Detection
- Infrared properties
- UV properties
- Magnetic properties

## Fitness Detection
- Soil
- Tape
- Ink smear
- Shrink
- Holes
- Corner folds or missing corners
- Tears

## Denomination Detection
- Full image on both sides

## Feeding
- Up to 3,000 notes/minute
- Three feeding speeds at 600, 800, and 1,000 notes per minute

## Stacker
- Open pocket
- Reject pocket
- Four pockets (up to 50, 100, 200 notes each)
- Two pockets (up to 200 notes each)

## Batch card processing
- Secure-continuous mode
- Full-continuous mode

## Journal report
- Printing of operation logs

## User interface
- Operation system

## Connectivity
- Interface with host systems: RS-232 or LAN

## Expansion Module (Optional)
- Stacker: Open pocket
- Fixing
- Five pockets (up to 50, 100, 200 notes each)

## Strapping Module (Optional)
- On-line strapping module
- Strapping per 100 notes
- Up to 10 straps per minute
- Strap printing (alpha-numerical)

## Dimensions
- Size of materials accepted:
  - Width: 60-90mm
  - Length: 120-180mm

- Main module (excluding safety pocket):
  - Height: 82mm
  - Width: 800mm
  - Depth: 430mm

- Expansion module:
  - Height: 82mm
  - Width: 650mm
  - Depth: 430mm

- Strapping module:
  - Height: 82mm
  - Width: 840mm
  - Depth: 500mm

## Approvals
- UL, CE, CQC

---

**Note:**
- All specifications are subject to change without prior notice.
- When using the IBS-1000, please be sure to read the instruction manual carefully to ensure correct equipment usage.
- The information contained herein is as of July 1, 2017.
- The information contained herein is presented only as a guide for the applications of our products. No responsibility is assumed by Toshiba for any infringement of patents or other rights of the third parties which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of Toshiba or others.
- Toshiba does not take any responsibility for incidental damage (including loss of business profit, business interruption, loss of business information, and other pecuniary damage) arising out of the use or disability to use the products in this brochure.

---

**Toshiba Currency Sorter IBS-1000**

---

**Toshiba Infrastructure Systems & Solutions Corporation**

Security & Automation Systems Division

72-34, Horikawa-cho, Saiwai-ku, Kawasaki-shi 212-8585, Japan

Tel: +81-44-331-1666  Fax: +81-44-548-9552

Toshiba Currency Sorter

**IBS-1000**

Since the 1980s, Toshiba has long been cultivating experiences and technologies of the banknote processing machines for both central banks and commercial sectors. As our latest accomplishment, we bring to the market our next generation, innovatively compact online strapping desktop currency sorter, IBS-1000.

The IBS-1000 consists of the main expansion, and strapping modules and offers highly efficient, various system solutions according to customer operations. While maintaining the industry’s highest level processing speed, ergonomics design has been adopted for easy-to-use, seated operation.

---

### High Performance

- Feeding speed up to 1,000 notes/min.
- Feeder capacity up to 2,000 notes
- High speed, online strapping module
- Batch card processing
- 2 reject pockets (for mechanical/detector rejects)
- Easy continuous loading of notes at the feeder
- 10-inch color touch screen monitor
- Interface with host systems
- Ultrasonic sensor for thickness detection
- Serial number reading of notes (optional, for specific countries only)
- Multi-currency and multi detection processing (optional, for specific countries only)
- Facing function with flipper unit
- Auto assign function (optional, for specific countries only)
- Auto feed function

### Flexible

- Machine operable from 1 module (main module) and expandable up to an additional 10 modules (flexible combination of expansion and/or strapping module)
- Compact online strapping module
- Variable feeding speed (at 600, 800, and 1,000 notes per minute)
- Selectable strap width (25mm / 40mm factory setting)
- Configurable stacker assignment (denomination, ATIM, FIT, UNIFIT, etc.)

### Cost-Effective

- Lower processing cost all-in-a-single-pass operation (III)
- Easy maintenance with shorter MTTR for a lower maintenance cost (III)
- With flipper unit, usage of pocket(s) will be halved

(III) Compared with our conventional products.

---

### Modular Configuration: Expandability and Flexibility just for your operation

#### Operation Case 1 - Minimum configuration

- Deposit, counting and authentication
- Denomination sorting
- Fitness sorting / 3-category sorting of ATM-FIT-UNIFIT all in a single pass
- Manual strapping

#### Operation Case 2 - Online strapping configuration

- Deposit, counting and authentication
- Denomination sorting
- Fitness sorting / 3-category sorting of ATM-FIT-UNIFIT all in a single pass
- Online strapping

#### Operation Case 3 - Multi-denomination sorting configuration

- Deposit, counting and authentication
- Denomination sorting
- Fitness sorting / 3-category sorting of ATM-FIT-UNIFIT all in a single pass
- Online strapping
- Batch card processing
- Up to a total of 11 modules can be configured
- Facing possible by one pass

---

### Expansion Module

- 10 inch color touch screen monitor for easier and higher operation performance (III)

### Large Capacity Feeder

Up to 2,000 notes can be placed at one time, enhancing work efficiency. Variable feeding speed available at 600, 800, and 1,000 notes/min.

### Dual Reject Pockets

2 reject pockets can be used for mechanical and/or detector reject(s).