DIMENSIONS

Strapping Module (Optional)   Expansion Module (Optional)   Main Module

90 mm
100mm (Depth: 250mm)
610mm

480mm (Depth: 550mm)   620mm (Depth: 430mm)   800mm (Depth: 430mm)

PRODUCT SPECIFICATION

		Features	Details
Main Module	**Processable materials**	Banknote paper	Size of materials accepted: Width: 60-90mm Length: 120-180mm
		Polymer	
		Batch card	
		Casino ticket	
	Authenticity detection	Infrared properties	
		UV properties	
		Magnetic properties	
	Fitness detection	Soil	
		Tape	
		Ink wear	
		Shape	
		Holes	
		Corner folds or missing corners	
		Tears	
	Denomination detection	Full image on both sides	
	Feeding	Up to 1,000 notes/minute	Three feeding speeds at 600, 800, and 1,000 notes per minute
		Multi denomination sorting	
		2,000 notes feeding capacity	
		Continuous feeding	
		Long edge note feeding	
	Stacker	Open pocket	Four pockets (up to 50, 100, 200 notes each)
		Reject pocket	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	Four pockets (up to 50, 100, 200 notes each)
	Flipper unit	Facing	
	Alignment unit	Centering	
Strapping Module Optional		Online strapping module	Strapping per 100 notes Up to 10 straps per minute Strap printing (Alpha-numerical)
Standard	**Operating conditions**	Power	Single phase 100-240V AC, 50/60Hz
		Temperature	15-30°C / 59-86°F
		Humidity	45-80% RH
	Dimensions	Main module (excluding safety pocket)	Height: 610mm Width: 800mm Depth: 430mm
		Expansion module Optional	Height: 610mm Width: 620mm Depth: 430mm
		Strapping module Optional	Height: 610mm Width: 480mm Depth: 550mm
	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.
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TOSHIBA

Toshiba Currency Sorter
IBS-1000

High Performance
Flexible
Cost-Effective

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.

All with IBS-1000

- Large size vaults
- Middle size vaults
- Small size vaults

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)
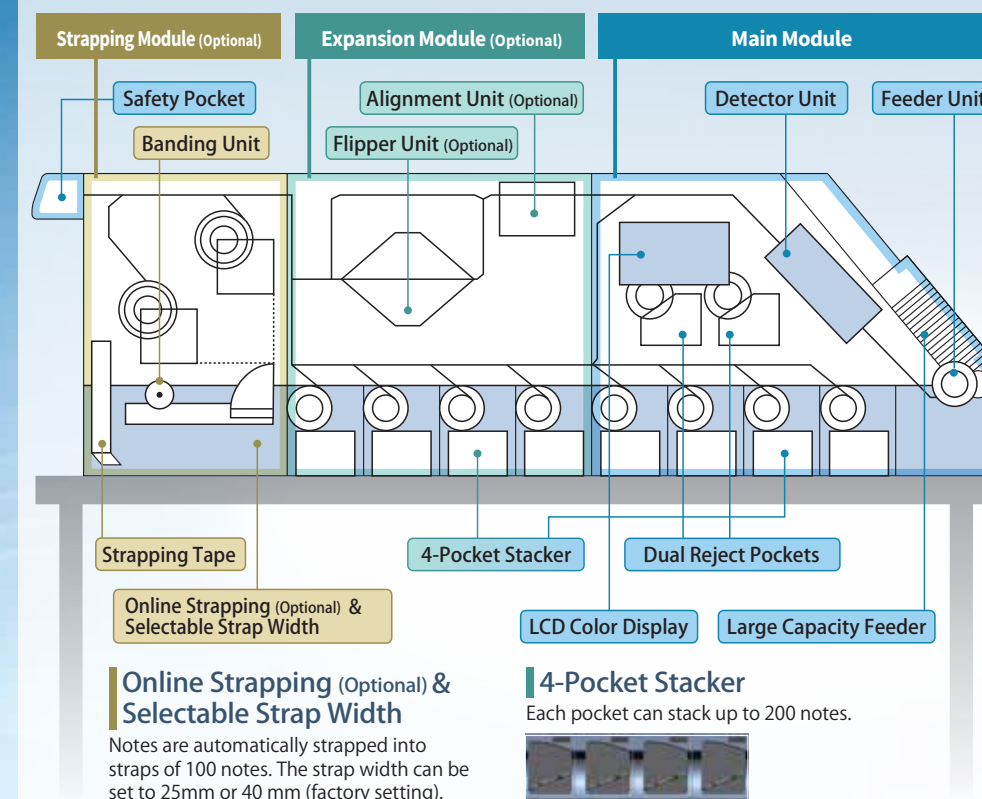- Auto feed function

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, ATM, FIT, UNFIT, etc.)

Cost-Effective

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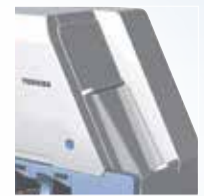
(※) Compared with our conventional products.

Strapping Module (Optional) | **Expansion Module (Optional)** | **Main Module**

- Safety Pocket
- Banding Unit
- Alignment Unit (Optional)
- Flipper Unit (Optional)
- Detector Unit
- Feeder Unit

- Strapping Tape
- Online Strapping (Optional) & Selectable Strap Width
- 4-Pocket Stacker
- Dual Reject Pockets
- LCD Color Display
- Large Capacity Feeder

Color Touch Panel
10.1-inch color touch screen monitor for easier and higher operation performance.(※)

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).

(※) Compared with our conventional products.

Online Strapping (Optional) & Selectable Strap Width
Notes are automatically strapped into straps of 100 notes. The strap width can be set to 25mm or 40 mm (factory setting).

4-Pocket Stacker
Each pocket can stack up to 200 notes.

Modular Configuration: Expandability and Flexibility just for your operation

Operation Case 1 — Minimum configuration
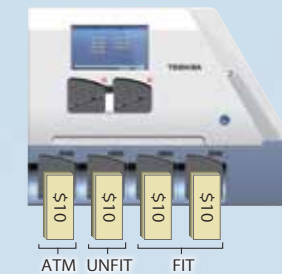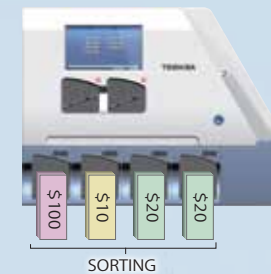
SORTING: $100, $10, $20, $20
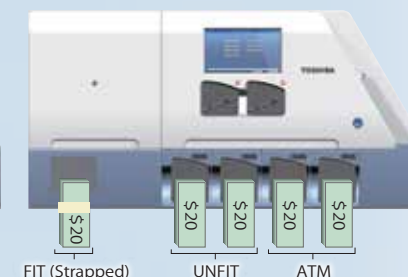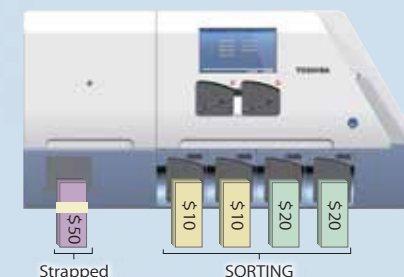
ATM $10, UNFIT $10, FIT $10

IBS-1000 for uses such as:
- Deposit, counting and authentication
- Denomination sorting
- Fitness sorting / 3-category sorting of ATM-FIT-UNFIT all in a single pass
- Manual strapping

Operation Case 2 — Online strapping configuration

Strapped $50 | SORTING $10, $10, $20, $20

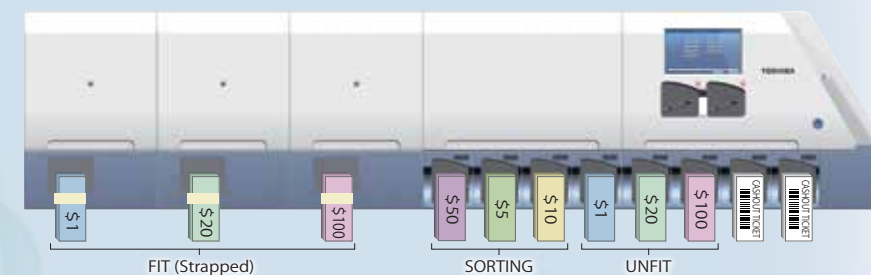FIT (Strapped) $20 | UNFIT $20, $20 | ATM $20, $20

IBS-1000 for uses such as:
- Deposit, counting and authentication
- Denomination sorting
- Fitness sorting / 3-category sorting of ATM-FIT-UNFIT all in a single pass
- Online strapping

Operation Case 3 — Multi-denomination sorting configuration

FIT (Strapped) $1, $20, $100 | SORTING $50, $5, $10, $1, $20, $100 | UNFIT

IBS-1000 for uses such as:
- Deposit, counting and authentication
- Denomination sorting
- Fitness sorting / 3-category sorting of ATM-FIT-UNFIT 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