GLORY

UW-500 UW-600
Banknote sorting machine

High-performance banknote sorters to meet
the need for more efficient cash handling

UW-600

UW-500

Glory Global Solutions is a World Expert in cash management, delivering technology and solutions that provide security, productivity and innovation to our customers. These solutions are supported by the technical expertise of GLORY Group of Japan, the pioneer in development and manufacture of money handling machines across the financial, retail, vending machine, amusement and gaming industries for nearly 100 years.

Across the world, Glory Global Solutions is trusted by thousands of organisations to ensure their cash is managed securely and efficiently whilst delivering the ultimate in productivity. 2,500 professionals, including over 1,300 service and support staff and 350 business partners cover over 128 countries delivering these solutions – wherever money moves.

UW-500 UW-600 Banknote sorting machine

Higher work efficiency and lower initial cost, the advanced UW-500 and UW600 models are based on a concept of simplicity, to improve the efficiency of cash handling operations.

The state-of-the-art Glory UW-500 and UW-600 were developed based on an in-depth analysis of banknote handling processes in order to lower the operator's workload and further reduce overall processing time. They are equipped with a variety of new features, such as a multi-stacker system that improves sorting and separating performance, a twin reject stacker system that can hold more rejected notes, and a large-capacity hopper with an Assisted Feeding Mechanism.
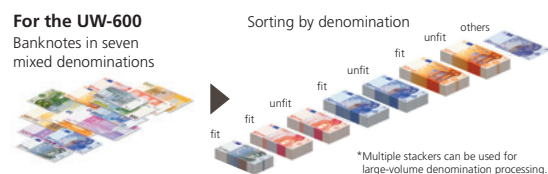
The UW-500/600 also offers outstanding cost-performance features at a high return on investment. They are Glory's latest answer to the need for smoother, more efficient, continuous processing of large amounts of banknotes. The UW-500/600 will optimise your work processes and dramatically reduce your costs.

High-tech recognition capability with superb authentication

Banknote handling machines must deliver both high efficiency and a combination of speed and accuracy. Glory's UW-500 and UW-600 offer high-tech fitness sorting sensors and superb authentication sensors while processing at a remarkably high speed of 720 notes per minute.

Multi-stacker configurations for diverse sorting patterns with fewer re-sorting steps

The UW-500 is equipped with four stackers, and the UW-600 comes with eight stackers. This allows diverse sorting and arrangement patterns for each banknote setting operation, and reduces the number of re-sorting steps required by machines with fewer stackers.

For the UW-600
Banknotes in seven mixed denominations

Sorting by denomination

*Multiple stackers can be used for large-volume denomination processing.

Larger stackers with up to 500-note capacity – higher efficiency for continuous, large-volume processing

Each of the UW-500/600 stackers hold up to 500 banknotes. This significantly increases efficiency and speed while continuously processing a large volume of banknotes, reducing the frequency of stopping and starting.

Large-capacity hopper with an assisted feeding mechanism for a lower incidence of feeding issues of due to poor quality banknotes

The large-capacity hopper holds 1,000 banknotes. With the Assisted Feeding Mechanism, the hopper reliably feeds one note at a time to prevent jamming or high rejects due to double feeding. The open-type hopper provides visibility of the banknote feeding process so more notes can be added in continuous large-volume deposits.

Designed throughout for higher processing efficiency
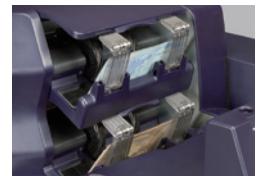
Typical workflow for the UW-500/600

- More stackers and larger stacker capacity let you sort by denomination, fitness and orientation with fewer steps and a shorter overall processing cycle. Increased twin reject pocket capacity improves processing time.

Mixed denominations	▶	UW-500 UW-600	Recognition	Authentication	▶	• Denomination sorting
					▶	• Fitness sorting
					▶	• Orientation sorting
					▶	• Batching arrangement

- **Denomination sorting** – Mixed banknotes are counted as received and sorted into the corresponding denomination assigned stackers. The notes can be quickly sorted, hand strapped and processed, significantly reducing labour time.

- **Fitness sorting** – The UW's fitness sorting function is effective in reducing damaged-banknote reissue and ATM downtime. Accurate fit/unfit sorting improves productivity with much greater speed than manual sorting.

- **Orientation sorting** – Banknotes already sorted in different denominations and/or in mixed denominations can be oriented face up/down and portrait up/down.

- **Batching arrangement** – The UW's batch function is efficient for fast banknote bundling. The default batch setting is 100 banknotes. The numeric keypad can also be used to manually set the batch capacity up to 500 banknotes of each denomination.

Twin reject stacker system – less work for sorting rejected banknotes

Two reject stackers, with a 150 banknotes capacity, helps reduce frequent stopping and starting. Two enlarged reject stackers have greatly improved the UW's "Non-Stop Operation" and allow suspected counterfeits to be diverted to a dedicated reject stacker, saving time when reconciling the deposit. This reduces the amount of work normally required for sorting rejected banknotes.

Double-LCD display with illustrated operator guidance for ease of use and operation

The display features two side-by-side LCDs, one for displaying data and messages and the other for use as an illustrated system guide. Wide display screens substantially improve visibility.

Counting result and status

The display section shows the total amount and number of banknotes by denomination and the total processing data. In the event of an error, the display section indicates a description of how to reset the system.
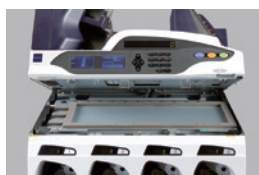
Example of error reset procedure display

The display shows the status of the system. If an error occurs, the display section describes the status and location of the error.

Easier maintenance – quick recovery reduces processing interruptions

The system features a fully opening top that allows easy maintenance of the banknote transport section. Should banknotes or foreign objects jam in the counting or transport section, the wide-opening upper section of the main unit makes it easy to find and remove the jammed notes or foreign object. A dust tray is also provided for easy removal of accumulated dust.

Dust tray (photo shows the UW-500)

Removing jammed note and foreign object from the transport section

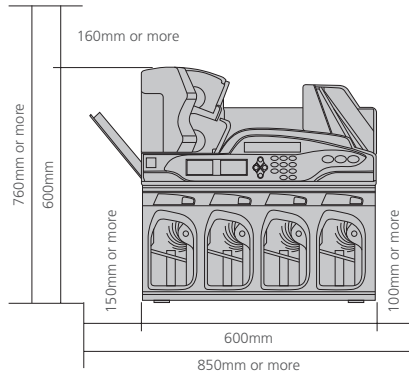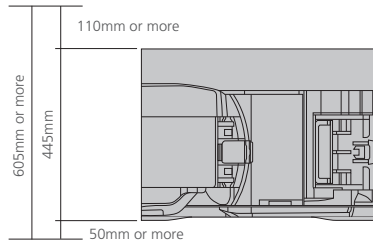Removing jammed notes and foreign object from the counting section
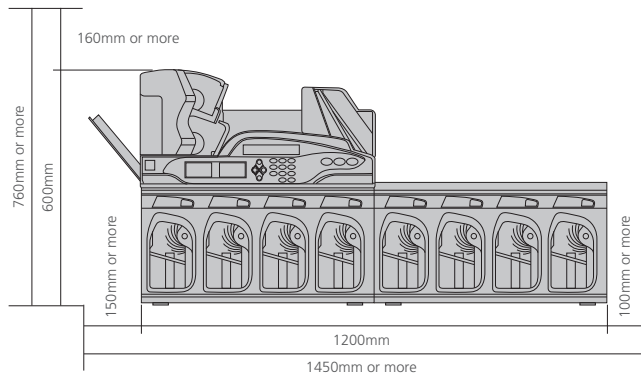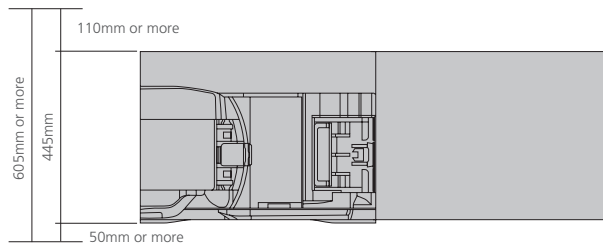
(Photo shows the UW-600)

UW-500 UW-600
Dimensions and required installation space

UW-500

UW-600

UW-500 UW-600
Technical Information

UW-500

Counting Speed:	Approx. 720 notes/min.
Hopper Capacity:	Approx. 1,000 notes
Stacker Capacity:	Approx. 500 notes × 4
Reject Stacker Capacity:	Approx. 150 notes × 2
Power supply:	100–240 V ±10%, 50/60 Hz, 1.9–1.4A
Dimensions:	600 (W) × 445 (D) × 600 (H) mm
Weight:	Approx. 80 kg
External Connection (option):	RS-232C × 2 for PC and Printer Interface (CITIZEN iDP-3550, STAR MICRONICS TSP-600 series) PS2 × 1 for Numeric Keypad

UW-600

Counting Speed:	Approx. 720 notes/min.
Hopper Capacity:	Approx. 1,000 notes
Stacker Capacity:	Approx. 500 notes × 8
Reject Stacker Capacity:	Approx. 150 notes × 2
Power supply:	100–240 V ±10%, 50/60 Hz, 2.0–1.5A
Dimensions:	1200 (W) × 445 (D) × 600 (H) mm
Weight:	Approx. 120 kg
External Connection (option):	RS-232C × 2 for PC and Printer Interface (CITIZEN iDP-3550, STAR MICRONICS TSP-600 series) PS2 × 1 for Numeric Keypad

*Specifications are subject to change without notice.
*Please read the instruction manual carefully to ensure correct equipment usage.

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