



News Release

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## **Newly-developed Ballot Sorter model, the GTS-1000**

- with the newest functions in the industry for further labor-saving and speedier ballot counting -

GLORY has developed the GTS-1000 ballot sorter which will significantly streamline ballot-counting works in national and local elections.

The Industry's First Features:

- 1) Automatically orients ballots (up/down, front/back).  
→No need to manually orient them in the same direction (up/down, front/back) before putting them in the machine.
- 2) Accommodates up to 65 stackers.  
→ If the number of candidates is 64 or less, the sorting operation can be finished in one operation\*1.
- 3) Checks whether anything is written on the margin (back and front).  
→The ballots with scribbles on the margin are automatically sorted out.

In the elections of recent years, the ballot counting is required to be completed very quickly within the election day. To meet these requirements, local governments need to assign a lot of personnel to night duty (usually on holiday). Under this situation, many local governments have been shifting from manual counting to automatic counting using sorting machine. Ballot sorting machine reads handwritten characters and symbols on ballots, and then sort and count ballots before bringing them to each stacker prepared for individual candidates. By using such machines, ballots are processed much more quickly and accurately as compared with conventional manual operation, thus significantly reducing labor cost.

The newly-developed GTS-1000 is the fifth-generation model\*2 since GLORY developed the industry's first ballot sorter in 1996 that automatically read the ballots used for a national review of the Supreme Court judges. The functions of the GTS-1000 model have been enhanced through model changes since then.

As a new function, the new model automatically orients ballots in the same direction (up/down, front/back). Thanks to this function, ballot orientation work that used to be done manually and used to be the most time-consuming part of ballot counting operations is drastically streamlined. Also, to meet market needs, the new model accommodates up to 65 stackers, the largest number in the industry. This allows the machine to finish sorting in one operation if the number of candidates is 64 or less. Additionally, the machine checks whether anything is written on the margin (back and front) of ballots. If something is written on the margin, such ballots will be automatically sorted out.

The GTS-1000 with these new epoch-making functions, the first of its kind of the industry, will surely help to speed up and streamline ballot-counting works.

**Notes:**

\*1: Up to 64 stackers of the 65 can be used for sorting. The remaining one is used as a reject stacker.

\*2: The first-generation GTS-100 (introduced in 1996) was the industry's first ballot sorter that could automatically read symbols such as circles (○) and cross marks (×) that were written on ballots used for voting such as the national review of the Supreme Court judges.

The second-generation GTS-200 (introduced in 1999) was the industry's first ballot sorter that could read handwritten characters in addition to symbols.

The third-generation GTS-300 (introduced in 2001) had 10 stackers for enhanced sorting efficiency. The former model had only 4 stackers.

The fourth-generation GTS-500 (introduced in 2007) had 20 stackers and read ballots 1.5 times quicker than the former model.

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**About GLORY LTD.**

GLORY LTD., headquartered in Himeji, Japan, is a pioneer in the development and manufacture of money handling machines and systems. GLORY provides a variety of products such as money handling machines, cash management systems, vending machines, automatic service equipment, and cash management solutions that are built on its leading-edge recognition/identification and mechatronics technology. Committed to meet society's wide-ranging needs, GLORY serves the financial, retail, vending machine, amusement and gaming industries in over 100 countries around the world. GLORY employs approximately 9,000 people worldwide. For more information about GLORY, please visit GLORY's global website at <http://www.glory-global.com/>

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