


NEC NATIONAL ELECTION
 COMMISSION
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Automatic Ballot Counting & Sorting Machine

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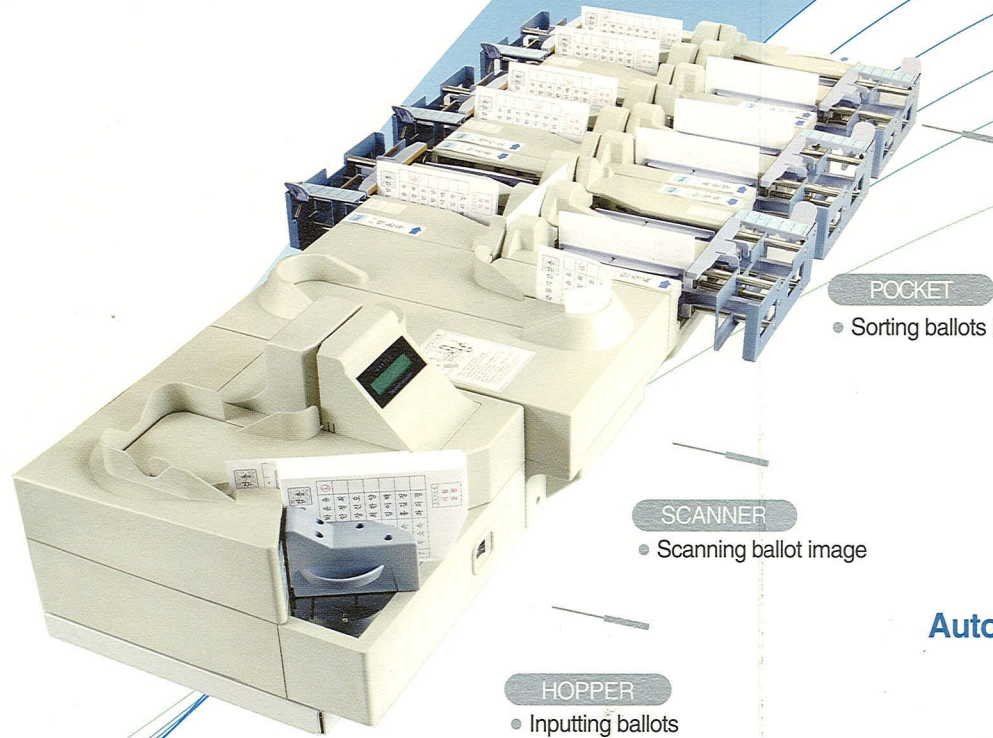
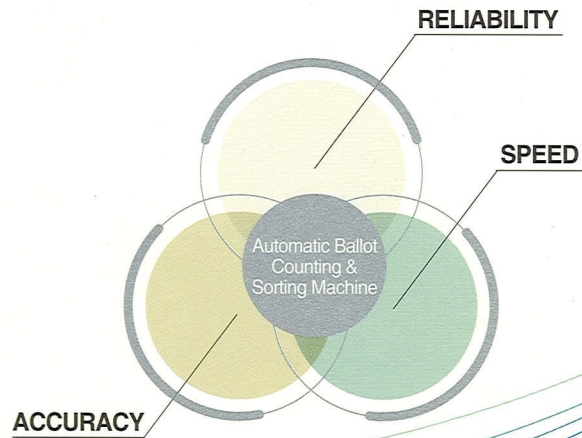
- Automatically counting and totalling ballots
- Sorting by candidates or parties
- Saving data image(for audit)
- Automatic Ballot Counting and Sorting Machine has been used for all public elections since 2002

Automatic Ballot Counting & Sorting Machine,

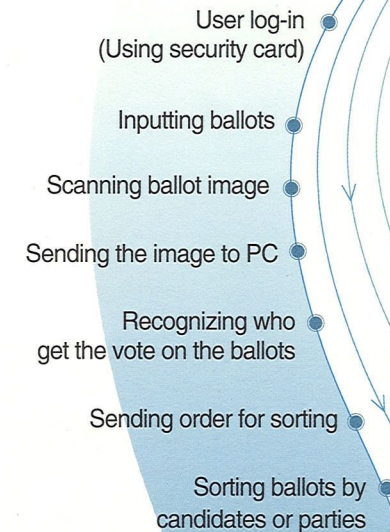
It raises reliability of counting results through accurate and secured counting

This machine enhances the accuracy of ballot counting results by preventing ballot-mixing on candidates

For the purpose of security, it adopts stand-alone type and no hacking is allowed



Operation process of Automatic Ballot Counting & Sorting Machine



- Reliability**
- Hacking is prevented through the use of stand-alone type system that is not connected to the external network.
 - Authentication of users with security cards
 - People in charge check more than twice the sorting results by the naked eye

- Accuracy**
- No ballot-mixing on candidates
 - Accuracy was proved by re-inspection of the Supreme Court (16th Presidential election)

- Speed**
- Processing Speed : 320 ~ 340 ballots per minute (Based on 7 candidates)
 - Total time of counting : Average 3 hours and 40 minutes (based on 17th Presidential election)



- Computer (Operation Program)**
- Recognizing ballot image and totalling the number of votes obtained by candidates or parties
 - Saving each ballot image



- Security Card**
- User authentication