

MAILok Card Inspection & Sorting System - CISS

Card sorting, collecting, grouping, packaging and labelling

With its manifold functions the Card Inspection & Sorting System (CISS) optimizes time intensive and security relevant production steps. Steps that had to be carried out manually can now be automated. Furthermore, the CISS offers an effective solution for the packaging of plastic cards. In the CISS variable numbers of cards are collected in different card stacks and are grouped. 2 to 50 cards can be packed in one group. After grouping the single different card stacks

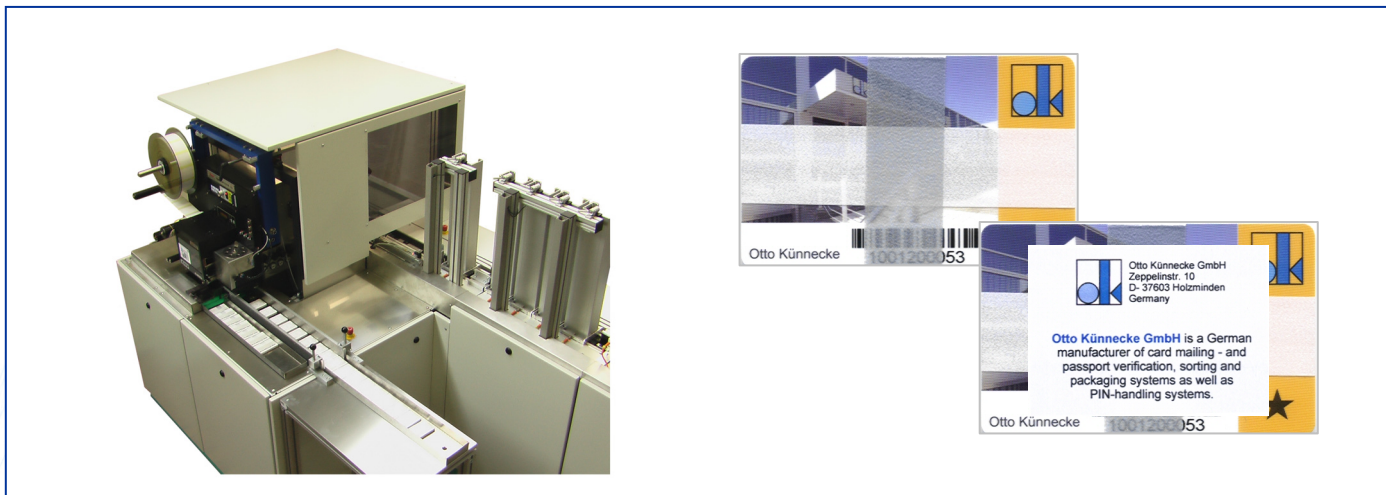
are transported to the banding unit. In a CISS one or two banding units can be integrated – for single banding or cross-banding.

Integration of a network connection enables a 100% data logging (in- and output) as well as communication with the input files for different sorting and packaging criteria.

The modular structure of the CISS caters for different configuration possibilities for various requirements, as well as for vari-

able upgrades for future needs. For sorting and control functions all current reading devices such as chip, magnetic stripe, barcode (linear and data matrix) as well as OCR systems can be integrated. Furthermore, colors, logos and even photos can be matched.

Card separation is done from magazines for which different adaptors are available. That way also magazines from existing personalization systems can be used.



Performance features:

- Up to 6000 cards per hour
- Collecting and grouping of cards
- Packaging of different card stacks
- Single and cross-banding
- Label print and application
- 1-n input magazine
- 1-n output magazine
- Compatibility with all card magazines from all current personalization systems
- Upgradable, modular design
- Communication with DLC and an external data base

Performance features with DLC-connection:

- 100% data logging (in- and output)
- Network connection via DLC
- Data base driven functions
- Card control, reading
- Process criteria can be freely selected

Card verification:

- Video reading OCR and also character/ symbol recognition
- OCR, barcode, clear text recognition
- Chip reading (bottom, top, contactless)
- Reading of magnetic stripe

Additional features:

- Personalization of magnetic stripe, chip contact or contactless (e.g. Mi-fare)
- Stand-alone or network integration
- 100% quality control before and after personalization



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