

■ ■ EMP8050F Card
 ■ Sorting System



The EMP8050F Card Sorter has a modular design for high volume, fast and secure plastic cards sorting.

Sorting parameters driven by specific modules include contact and contact-less smart cards, magnetic strip cards, visual artwork, bar code etc.

The Windows®-based built-in EMPSorting Software Platform makes the card delivery management easy to operate, reliable and secure, and can be easily customized to customers' specific processes.

Key Technical Specification

- ★ Nominal Speed Throughout: 4000CPH (Cards Per Hour)
- ★ Card Size Compatibility: ISO/IEC 7810 ID-1; 30 mil (+/- 10%), including standard embossed banking card
- ★ Card Material Compatibility: PC, PVC, ABS, PET, PETG, and other composite materials
- ★ Chip Compatibility: ISO/IEC 7816 (Contact) and ISO/IEC 14443-1, -2, -3, -4 (Contactless)
- ★ Magnetic Strip Compatibility: ISO7811-2 (LOCO) and ISO7811-6 (HICO)
- ★ Working Environment:
 - Temperature: 5~40 Degree Celsius
 - Relative Humidity: 30%~85%
- ★ Power Supply: AC220V~240V, 50/60Hz
- ★ Dimension: 2837(L) x 480(W) x 525(H) mm (6 output magazines)
- ★ Weight: 300 KG (6 output magazines)

Customized Modular Configuration

EMP8050F can be configured in any way that is needed to sort cards quickly and efficiently. Limitless optional configurations are certain to satisfy any card sorting requirements.



Card Feeding Module

Card Feeding Magazine: 500 ISO flatcards, or 200 embossed cards
Card Feeding: Scratchless Vacuum Suction with auxiliary pushing mechanisms

Magnetic Strip Reading Module

Full range of magnetic stripe reading capabilities

Chip Reading Module

Chip reading station enables high accuracy reading of contact and contactless smartcards

Vision Recognition Module

Advanced OCR (Optical Character Recognition) technologies provide card artwork, bar code and characters recognition sorting ability.

Sorting & Output Module

Output magazine capacity: 500 ISO flatcards, or 200 embossed cards

Each Sorting module has 6 output magazines
Addition of modules will meet diverse specific requirements.

Sorting Software

The cards are sorted by recognized data which is reported by each module.

All sorting parameters can be customized according to customer's requirements.