

# HIGH SECURITY ISSUANCE SYSTEM

## LUX50

Portable Embossing Solution



Contact@ho-brostechnology.com  
+86 756 380-8666



No. 88, Kexin Road, Nanping Town,  
Xiangzhou District | Zhuhai, 519000



[www.ho-brostechnology.com](http://www.ho-brostechnology.com)

The LUX50 is a cost-effective solution that being tailored for financial institutions who are seeking a portable and compact card issuance system for low to medium volume requirements.

This innovative, unique pre-configured platform integrates Chip Encoding, Embossing, and Tipping capabilities, ensuring the production of high-quality cards which stands out for its unique combination of affordability and functionality, making it an ideal choice for institutions that value both quality and efficiency.

## Fast & Low-cost Embossing

- The LUX50 features many standard encoding options and capable of embossing, indenting with all in one single step, it is the preferable choice for card production volumes of 50-90 cards per hour.
- Std. Gothic and OCR7B embossing
- OCRA1 and CVV2 rear indenting

## Reliable Encoding

- Choose the smart card encoding options according to your needs. LUX50 can incorporate single contact or contactless chip encoder and magstripe encoder.
- Magnetic stripe card encoding module: Support ISO7811 Hi-co/Low-co, 3-Track read & write
- Support contact CPU card (ISO 7816, T=1 & T=0)
- Support contactless CPU card (ISO14443 TYPE A/B)

|                           |                                                                                                                                                                                                                                                                                    |                |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Dimension                 | 600 x 500 x 300mm                                                                                                                                                                                                                                                                  |                |
| Weight                    | About 30 Kg                                                                                                                                                                                                                                                                        |                |
| Power                     | 110~220V (-5%~+10%), 50Hz, 1.0KW                                                                                                                                                                                                                                                   |                |
| Display                   | Supported                                                                                                                                                                                                                                                                          |                |
| Chip Encoding             | Standard Contact read/write EMV card reader<br>– ISO 7816 T=0 & T=1<br>Optional Contactless read/write EMV card reader<br>– ISO 14443 A/B                                                                                                                                          |                |
| Magnetic Stripe Encoding  | HiCo/LoCo 1,2, and 3 track encoding                                                                                                                                                                                                                                                |                |
| Input Hopper              | Support 1 input hopper, capacity 100 pcs                                                                                                                                                                                                                                           |                |
| Reject Card Hopper        | Support 1 reject card hopper, capacity 10 pcs                                                                                                                                                                                                                                      |                |
| Manual Input/ Output slot | Support 1 manual input/output slot                                                                                                                                                                                                                                                 |                |
| Embossing/ Indent         | Support front side embossing and back side CVV indenting,<br>Optional front side indenting                                                                                                                                                                                         |                |
| Tipping                   | Supported.<br>Optional dual tipping module                                                                                                                                                                                                                                         |                |
| Speed                     | Full Cycle (Mag/Print/Emboss/indent/Chip): 50 – 90 pcs/h                                                                                                                                                                                                                           |                |
| Connectivity              | Ethernet                                                                                                                                                                                                                                                                           |                |
| Others                    | <ul style="list-style-type: none"> <li>• Electric and physical lock is supported</li> <li>• Integrate with non-reset counter</li> <li>• Slim size and easy to store in carry-on baggage</li> <li>• Strong steel case, shockproof, sealed, moisture-proof and waterproof</li> </ul> |                |
| Consumables               | Indent Ribbon                                                                                                                                                                                                                                                                      | 2000 pcs/ Roll |
|                           | Topping Ribbon Gold                                                                                                                                                                                                                                                                | 2000 pcs/ Roll |
|                           | Topping Ribbon Silver                                                                                                                                                                                                                                                              | 2000 pcs/ Roll |
|                           | Topping Ribbon Black                                                                                                                                                                                                                                                               | 2000 pcs/ Roll |