

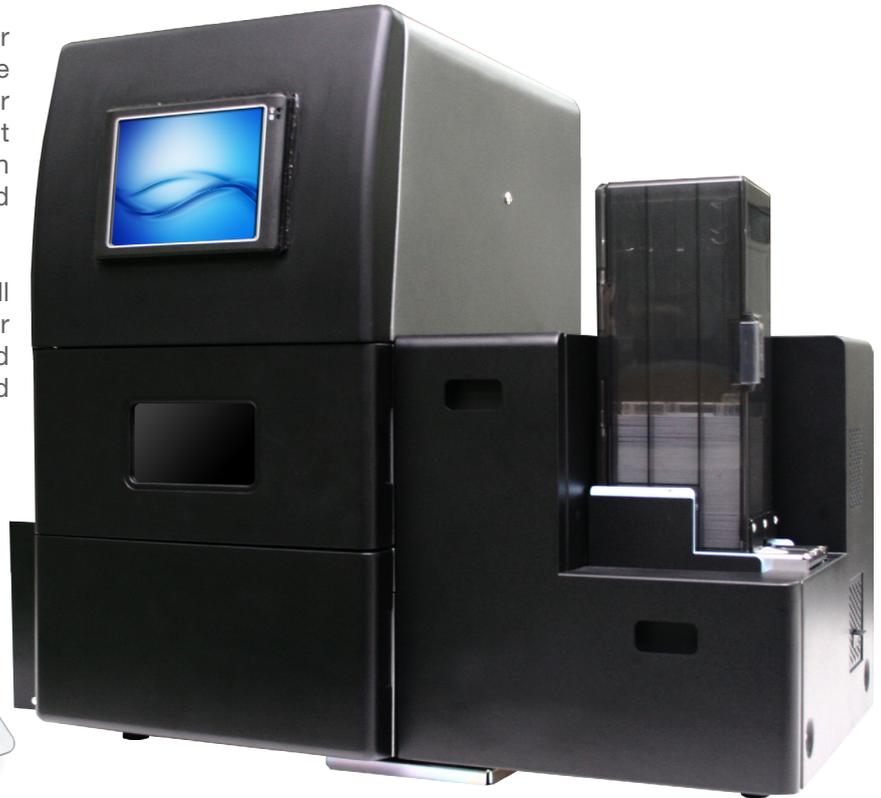
# Desktop Card Laser Engraver

By NBS Technologies

## NBS LC-200

This latest innovation is Smart Desktop Laser Engraver that brings secure ID cards to a whole new dimension. The desktop card laser engraver is ideally suited for a decentralized environment where the instant issuance of secure cards such as bank cards, health cards, driver licences and national ID cards are required.

With features such as a single card feed as well as doing away with the need for ink or ribbon for printing, the laser engraver is both easy to use and cost effective to meet all your on demand card engraving needs.



## THE LC-SERIES BRINGS SECURE CARDS TO A WHOLE NEW LEVEL

### THE LC-200 OFFERS THESE KEY FEATURES AND BENEFITS:



#### COMPACT AND FLEXIBLE

- Small footprint fits easily on the desktop in the office.
- Our software user interface complies with industry-standard interfaces world-wide.
- Can operate as a stand-alone unit



#### SECURITY AND ENCODING

- Secure laser engraving ensures world-class card security.
- Programmable CLI/MLI module.
- Personalisation of contactless cards and contact Smart Cards



#### EASY-TO-USE

- Modular components minimize the need for routine maintenance.
- No consumables.

CONSULTING

SOFTWARE

HARDWARE

SMART CARD MANUFACTURING



Total  
Card Solutions

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## Printer Specifications

<b>LASER TYPE</b>	Class 1 Laser Product IEC60825-1: 2007 - Air Cooled DPSS YAG
<b>LASER SPEED</b>	Up to 120 Cards Per Hour
<b>LASER PERSONALISATION</b> (dependent on data and image density)	CLI & MLI (programmable)
<b>INPUT/OUTPUT CAPACITY</b>	Single or optional automatic Card feeder of 250
<b>RFID FEATURE</b>	(Optional) 1x Integrated RFID Module - ISO/IEC 14443 Type A/B (PC/SC compliant coupler)
<b>CONTACT CARD FEATURES</b> (Integrated contact-card Module - ISO/IEC 7816)	(Optional) 1x Integrated Contact Module - ISO/IEC 7816 (PC/SC compliant coupler)
<b>COMMUNICATION INTERFACE</b>	10/100 Mbit Ethernet, USB 2.0
<b>PHYSICAL CHARACTERISTICS</b>	Dimension: 280mm (W) x 408mm (D) x 528mm (H) Weight: 25 kg / 55 lbs
<b>ELECTRICAL REQUIREMENT</b>	100-240 VAC 50-60Hz 300VA
<b>OPERATING ENVIRONMENT</b>	Operating temperature: 15°C to 40°C, Relative humidity: 20% to 80% non-condensing
<b>ACCESSORIES AND OPTIONS</b>	Automatic feeder of 250 cards CLI & MLI engraving Connection Unit to Retransfer Card Printer
<b>WARRANTY</b>	12 month

## Card Specifications

<b>Types</b>	PC+PET-G, Polycarbonate and laser engravable PVC
<b>Maximum print area</b>	0.100" +/- 0.010" from side edges of card
<b>Card width/length</b>	ISO CR-80-ISO 7810: 53.98mm (W) x 85.60mm (L) / 3.375" x 2.125"
<b>Card thickness</b>	0.024" (0.61 mm) to 0.030" (0.76mm)

### Works with SmartSys™ which includes:

- Intuitive User Interface,
- Machine Setup,
- Job Definition Tools,
- Card layout/design tools,
- Data Encryption tools,
- Audit trail/machine reports
- System Diagnostic tools.



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