



EDIsecure® OLM Overlamination Module

THE FLEXIBLE LAMINATION PROGRAM FOR HEAVY DUTY APPLICATIONS

- The most flexible lamination program for inline and offline lamination
- Single- and double-sided lamination possible
- Built-in operating panel with LCD for convenient set-up and operation
- High capacity lamination foils (patch and overlay) reduces operator interaction
- Enables to apply a range of EDIsecure® clear and secure laminates that extend card life and enhance security
- Custom design and generic holographic foils are available to combat fraud and counterfeiting
- Highest positioning accuracy through adjustable laminate position in all 4 directions
- "Jumbo Patches" provide for almost up to the edge lamination of durable patch materials
- Allows highest possible flexibility in artwork design for customized holograms in continuous form or in precise registration
- Utilized in heavy duty applications where card security and durability are critically important

Responding to the growing demand for durable and secure, tamper-resistant cards, we have developed the most flexible lamination program on the market. The *EDIsecure*® OLM Overlamination Modules help to meet the demanding needs of applications such as national ID, military ID, driving license, voter registration system, secure employee and visitor card. The OLM offers an enormous flexibility to accommodate total cost, throughput requirements, and reliability. With applying *EDIsecure*® clear and secure laminates on the card, the surface will be protected against physical damage and the card life extended. Custom design or generic holographic foils help to protect the cards against tampering.

The user-friendly front-loading system makes changing of supplies fast and simple. Operation settings (speed, temperature, etc.) for the various card materials can be adjusted and controlled via the front panel display separately for each module and lamination material. This allows the use of OLM and DS OLM with all card materials, including PVC, Composite PVC, ABS, PET, and even Polycarbonate for longest card life. Even smart cards (contact or contactless) can be laminated without affecting the chip.

With the optional Turn-Over Unit the OLM can be upgraded to double-side lamination for extended card durability and security. Various combinations of OLM and DS OLM allow meeting all your lamination needs even of extreme demanding requirements. The overlamination module is designed to operate in combination with the *EDIsecure*® XID Retransfer Printers, but allows also offline lamination using an optional automatic card feeder.

A variety of laminating media is available: clear or holographic patches in various thicknesses, patches with chip cut-out for contact smart cards, as well as holographic overlays.



THERE IS ONE FOR EVERYBODY



FEATURES:

- Card lamination single- or double-sided
- Various combinations of joining OLM and DS OLM allow to match any lamination requirement
- Parallel operation of joint modules saves the total time for high performance
- Flexible adjustment of temperature and speed settings (via front panel display)
- User-friendly front-loading of supplies
- A significant number of EDIsecure® clear and secure laminates is available
- Field up-gradable to all EDIsecure® XID Retransfer Printers
- Optional Card Feeder available for offline lamination

SUPPLIES:

- EDIsecure® Overlay Ribbon with generic 2-D design
- EDIsecure® Customized Overlay Ribbon
- EDIsecure® Clear Patch Ribbon 0,013 mm
- EDIsecure® Clear Patch Ribbon 0,025 mm
- EDIsecure® Clear Patch Ribbon 0,013 mm with ISO Contact Chip Cut-Out
- EDIsecure® Holographic Patch Ribbon with generic 2-D Design 0,015 mm
- EDIsecure® Customized Holographic Patch Ribbon 0,015 mm

Note: All patch ribbons provide for "Jumbo Type" size lamination, the largest patches in the industry

CONFIGURE YOUR CARD IDENTITY SYSTEM, ASK FOR:

- EDIsecure® XID 5xxie Retransfer Printers for card printing with inline lamination
- EDIsecure® Card Management Software Suite
- EDIsecure® Image Capture Modules
- EDIsecure® Image Enhancement Software
- EDIsecure® Card Materials

SPECIFICATIONS OF OLM

Lamination Method	Thermal transfer
Lamination Mode	Single-sided or double-sided with optional external Turn-Over Unit
Lamination Speed	20 – 35 seconds per card (Single-side, depending on settings)
Speed Settings	2 mm/s – 22 mm/s
Temperature Settings	70°C – 180°C adjustable in 1°C steps
Card Materials	PVC, Composite PVC, ABS, PET, and Polycarbonate Cards of ISO ID-1/CR-80 size, 85.60 x 53.98 mm
Card Thickness	0.25 – 2 mm
Dimensions OLM and DS OLM Weight	345 x 275 x 300 mm (HxWxD) 12 kg
Dimensions Docking Module Weight	280 x 190 x 220 mm (HxWxD) 4 kg
Dimensions Standard and DS Turn-Over Unit Weight	280 x 100 x 260 mm (HxWxD) 3 kg
Power Supply	100/120 V and 220/240 V, 50/60Hz FCC, CE, and UL approved
Operating Environment	15°C to 35°C, 30% to 70% non-condensing humidity

OLM CONFIGURATIONS AND OPTIONS

Docking Station

- OLM
- OLM + Mounting Bracket + OLM
- DS OLM + DS Turn-Over Unit
- OLM + Turn-Over Unit + OLM
- DS OLM + DS Turn-Over Unit + DS OLM + DS Turn-Over Unit

- Card Feeder
- Card Stacker

To join the OLM or DS OLM with an EDIsecure® XID Retransfer Printer
 Single-sided lamination of overlay or patch
 Single-sided sandwich lamination of overlay and clear patch on top
 Double-sided lamination of overlay or patch using DS OLM
 Double-sided lamination of overlay or patch using OLM
 Double-sided sandwich lamination of overlay and clear patch on top using DS OLM
 For offline lamination with OLM and DS OLM
 To receive up to 140 cards

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