



# LEU 8000

## Compact laser engraving unit

for XID 8600, 8300, 9330

### MAIN FEATURES

<b>Laser engraving</b>	<p>6W DPSS laser engraving unit Text, microText, Images, 1D &amp; 2D barcode, logos Minimum text size: 0,3 mm Grayscale Dual-sided Resolution: 600 to 1,600 dpi</p>
<b>Card management</b>	<p>Card fed from XID printer Card exit: <ul style="list-style-type: none"> <li>▪ Lamination unit ILM-LS or ILM-DS</li> <li>▪ 100-card exit hopper (not supplied)</li> </ul> Reject tray: 30 cards</p>
<b>Operation</b>	<p>LCD display – 2 lines – 16 characters each On-Off switch button TCP/IP (Ethernet) connectivity Device security features: <ul style="list-style-type: none"> <li>▪ Kensington slot (lock not supplied)</li> <li>▪ Service Key</li> <li>▪ Reject Key</li> <li>▪ Password protection</li> </ul> </p>
<b>Performance</b>	<p>Up to 120 cph (<i>estimated, to be confirmed</i>) <ul style="list-style-type: none"> <li>▪ Typical personalization: 60 cph (ID card printing, two sides)</li> </ul> </p>

### OPTIONS

<b>Changeable Laser Image (CLI)</b>	Option: Field upgrade or Factory setting
<b>Multiple Laser Image (MLI)</b>	Option: Field upgrade or Factory setting
<b>Vision system <sup>(1)</sup></b>	<p>Option: Digital camera option</p> <ul style="list-style-type: none"> <li>▪ X/ Y automatic positioning</li> <li>▪ Card Image storage</li> <li>▪ Barcode and MRZ reading</li> </ul>
<b>Laser Protected Image (LPI) <sup>(1)</sup></b>	<p>Option: Add additional security with invisible elements</p> <ul style="list-style-type: none"> <li>▪ Requires the Vision system option</li> <li>▪ Allows gray scale image engraving within the card body</li> <li>▪ Provides additional security against ID picture counterfeiting</li> <li>▪ Giesecke &amp; Devrient patent controlled by a dongle</li> </ul>
<b>External vaccum system <sup>(1)</sup></b>	Option: allows vaporized PVC residuals to be safely extracted

<sup>(1)</sup> Scheduled for first half 2015, check with your Matica Technologies contact for details



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### DETAILED SPECIFICATIONS

#### Card specifications

ISO CR80, ISO 7810 (53,98 mm x 85,60 mm, 3.370" x 2.125")

Card material

- Plastic only, no paper, no metal
- Polycarbonate, PVH, ABS, PET, PETix

Card thickness: 0,76 mm (30 mil)

#### Software

Supported OS:

- XP, Vista / Win7 (32/64), Win8.x (available from Q4-2014)

Supplied software:

- EDIconnect driver
- Software Development Kit

#### Warranty

Laser unit: 24 months

Laser diode: 24 months or 20,000 working hours (whatever comes first)

#### Power supply

100-240 Volts AC, 50-60 Hz

350 VA, standby mode 250 VA

#### Connection

Ethernet TCP/IP

#### Laser

Source: DPSS (Diode pumped solid state)

Power: 6W pulse  $\pm$  5%

#### Noise level

LPA < 65 dB(A)

#### User safety

Operating conditions: Class I (door closed)

Service conditions : Class IV (door open, *need to wear safety equipment in case of operation*)

#### Environment

Operating:

- 15°C to 30°C / 59° F to 95° F - 10% to 80% non-condensing humidity

Storage:

- 5°C to 50°C / 41° F to 122° F - 20% to 70% non-condensing humidity

#### Size and Weight

D x W x H: 400 x 260 x 515 mm, 15.75" x 10.24" x 20.28"

Approx. 20 kg, 44 Lbs

Data subject to change without notice. All trademarks are the property of the respective owner



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