



# FARGO® HDP8500LE

## Card Laser Engraver

| FEATURES   |  |
|--|--|
| Dual-Sided Printing  | Standard   |
| Warranty   | Printer: 3 years; Laser module: 2 years; Laser diode: 5000 hours   |
| LASER ENGRAVER CHARACTERISTICS                                 |  |
| Laser Type   | 7W air cooled DPSS laser   |
| Card Material Types  | Polycarbonate cards recommended, accepts ABS, PC, PET, PETG, comp.   |
| Laser Personalization Types                                    | Sub-surface and tactile laser engraving, microtext, MLI/CLI  |
| Communication Interface  | Ethernet LAN   |
| Registration Capability  | Optional Camera Vision System  |
| Laser Resolution   | 600 DPI  |
| Laser Speed  | Up to 2300 cards per 8-hour shift depending on amount of data (laser only)*  |
| Power Input  | 1 00-240 VAC, 8.5 A MAX, 50 Hz - 60 Hz   |
| Operating Environment  | 60°F to 90°F (15°C to 32°C), 20% to 80% non condensing humidity  |
| Certifications   | Class 1 Laser, UL, CE, FCC Class-A   |
| SECURITY STANDARDS   |  |
| Printer Password Protection                                    | Yes (Workbench and display)  |
| Locking Card Input & Output Hoppers                            | Yes  |
| Lockable Printer, Engraver and Laminator Housing               | Yes  |
| COLOR PRINTING STANDARDS                                       |  |
| Print Resolution   | 300 DPI  |
| Single-side YMC* Print Speed                                   | Up to 1200 cards per 8-hour shift/24 seconds per card (YMC with transfer)*   |
| Single-side YMCK* Print Speed                                  | Up to 992 cards per 8-hour shift/29 seconds per card (YMCK with transfer)*   |
| Dual-side YMCKK* Print Speed                                   | Up to 720 cards per 8-hour shift/40 seconds per card (YMCKK with transfer)*  |
| Multiple Print Mode Selection                                  | Yes  |
| Simultaneous Printing/Encoding                                 | Yes  |
| Memory   | 32MB RAM   |
| Supported Software Drivers                                     | Windows® XP / Server 2003 / Vista (32 bit & 64 bit) / Server 2008 R2 (64 bit)/ 7 (32 & 64 bit); Mac OS X v10.4 / v10.5; and Linux*** |
| Power Input  | 100-240 VAC, 3.5 A MAX, 50 Hz - 60 Hz  |
| Certifications   | UL, CE, IC, FCC Class-A, CCC, BSMI, KC, MIC, S-Mark  |
| USER INTERFACE STANDARDS                                       |  |
| Touch Screen Display   | 3.2" display for status and help information   |
| ENVIRONMENTAL STANDARDS  |  |
| Dual-Cooling Fans  | Yes  |
| Replaceable Fan Filter   | Yes  |
| CARD STANDARDS   |  |
| Card Size  | CR-80 only   |
| Card Input Capacity (2 Hoppers)                                | 400 cards (.030" / .762mm)   |
| Dual Input Hopper Capability                                   | YES  |
| Card Output Capacity (1 Hopper)                                | 200 cards (.030" / .762mm)   |
| Card Thickness   | Laser module: 30 mil only (.030" / .762mm)   |
| Card Exception Feed  | YES  |
| RIBBON STANDARDS   |  |
| Cartridge Loadable Ribbons                                     | Yes  |
| Fluorescing/UV Ribbon  | Yes  |
| Full-Color - YMC* (maximum images per roll)                    | 750  |
| Full-Color - YMCK* (maximum images per roll)                   | 500  |
| Full-Color - YMCKK* (maximum images per roll)                  | 500  |
| Full-Color - Half-Panel YMCK* (maximum images per roll)        | 1000   |
| HDP Film (maximum images per roll)                             | 1500   |
| PHYSICAL CHARACTERISTICS                                       |  |
| Dimensions and Weight (printer)                                | 15.5" H x 28.2" W x 14.0" D / 394mmH x 716mmW x 356mmD   |
| Dimensions and Weight (laminator)                              | 13.5" H x 15.0" W x 14.0" D (343mmH x 381mmW x 356mmD); 29 lbs/13.2 kg   |
| Dimensions and Weight (laser engraver)                         | 20.5" H x 10.0" W x 20.0" D (521mmH x 254mmW x 508mmD); 88 lbs/40.0 kg   |
| Heavy-Duty Metal Enclosure                                     | Yes  |
| Weight (printer only)  | Dual-sided only: 61 lbs / 27.7 kg  |
| Heavy Duty Metal Enclosure                                     | Yes  |
| Fully Accessible Card Path                                     | Yes  |
| OPTIONS  |  |
| Dual-Sided Simultaneous Lamination**                           | Yes  |
| Andon Production Status Light**                                | Yes  |
| ISO Card Flattener   | Yes  |
| Encoders: ISO Mag Stripe, Contactless & Contact Smart Cards ** | Yes  |



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\*Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, I=Inhibit, F=Fluorescing, H=Heat Seal.

\*\*Option available from factory or as a field upgrade.

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