



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	12W 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	100-240 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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