HID

FARGO® HDP8500
Industrial Card Printer/Encoder

FEATURES	
Dual-Sided Printing	Standard
Warranty	Printer: 3 years; Printhead: Lifetime
PERFORMANCE 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
SECURITY STANDARDS	
Printer Password Protection	Yes (Workbench and display)
Locking Card Input Hopper	Yes
Locking Card Output Hopper	Yes
Lockable Printer and Laminator Housing	Yes
Security Resin Erase	Yes (Standard)
Network Data Encryption	Yes
COMMUNICATION STANDARDS	
Interface	USB 2.0 & Ethernet standard
One-Wire USB Encoding	Standard
Internal Ethernet Server	Standard
Supported Software Drivers	Windows® XP / Server 2003 / Vista (32 & 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
Agency Approvals	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 Input Capacity (2 Hoppers)	400 cards (.030" / .762mm)
Dual Input Hopper Capability	Yes
Card Output Capacity (1 Hopper)	200 cards (.030" / .762mm)
Card Thickness	.030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm
Card Exception Feed	Yes
Card Cleaning Station	Two
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	15.5" H x 28.2" W x 14.0" D / 394mmH x 716mmW x 356mmD
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
Laser Engraving**	Yes (Q4, 2012)
ISO Magnetic Encoding**	Yes
Contact Smart Card Encoding**	Yes
Contactless Smart Card Encoding**	Yes

*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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