

# High Definition (HDP®) Printer/Encoders



HDP6600



HDP5000e



HDP5000

	HDP6600	HDP5000e	HDP5000
<b>Sided Printing</b>	Single or Dual	Single or Dual	Single or Dual
<b>Print Method</b>	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer
<b>Resolution</b>	600 dpi	300 dpi	300 dpi
<b>Print Speed*</b>	Up to 230 cards per hour / 16 seconds per card (YMCK with transfer)	Up to 133 cards per hour / 27 seconds per card (YMCK with transfer)	29 seconds per card / 124 cards per hour maximum (YMCK with transfer)
<b>Accepted Card Sizes</b>	CR-80	CR-80	CR-80
<b>Accepted Card Thickness</b>	.030" (30 mil) to .040" (40 mil) / .762mm to 1.01 mm	.030" (30 mil) to .050" (50 mil) / .762mm to 1.27 mm	.030" (30 mil) to .050" (50 mil) / .762mm to 1.27 mm
<b>Software Drivers</b>	Windows® 10 / 11 / Server 2016 / Server 2019 / Server 2022	Windows 10 / 11 / Server 2016 / Server 2019 / Server 2022	Windows® 10 / 11 / Server 2016 / Server 2019 / Server 2022
<b>Size</b>	Printer: 13.0"H x 14.5"W x 12.0"D / 330mmH x 368mmW x 305mmD Printer + Dual-Side Module: 13.0"H x 19.75"W x 12.0"D / 330mmH x 502mmW x 305mmD Printer Single-Side + One Material Lam Module: 14.0"H x 30.5"W x 12.0"D / 356mmH x 775mmW x 305mmD Printer + Dual-Side Module + One Material or Two Material Lam Module: 14.0"H x 35.75"W x 12.0"D / 356mmH x 908mmW x 305mmD One Material or Two Material Lam Module: 14.0"H x 16.0"W x 9.5"D / 356mmH x 406mmW x 241mmD	Printer: 12.0"H x 16.5"W x 11.0"D / 305mmH x 419mmW x 279mmD Printer + Dual-Side Module: 12"H x 22"W x 11"D / 305mmH x 559mmW x 279mmD Printer + Single-Side Lam Module: 12.75"H x 25"W x 11"D / 324mmH x 635mmW x 279mmD Printer + Dual-Side Module + Dual-Side Lam Module: 12.75"H x 30"W x 11"D / 324mmH x 762mmW x 279mmD Lam Module: 12.75"H x 12.25"W x 11"D / 324mmH x 311mmW x 279mmD	Printer: 11.50"H x 12.25"W x 9.25"D / 292mmH x 313mmW x 235mmD Printer + Dual-Side Module: 11.50"H x 17.50"W x 9.25"D / 292mmH x 445mmW x 235mmD Printer + Single-Side Lam Module: 12.75"H x 25"W x 9.25"D / 324mmH x 635mmW x 235mmD Printer + Dual-Side Module + Dual-Side Lam Module: 12.75"H x 30"W x 9.25"D / 324mmH x 762mmW x 235mmD Lam Module: 12.75"H x 12.25"W x 9.25"D / 324mmH x 313mmW x 235mmD
<b>Weight</b>	HDP6600: 21.0 lbs. / 9.5 kg HDP6600 + Dual-Side Module: 24.6 lbs. / 11.2 kg HDP6600 Single-Side + One Material Lam Module: 35.7 lbs. / 16.2 kg HDP6600 + Dual-Side Module + One Material or Two Material Lam Module: 39.3 lbs. / 17.9 kg One Material or Two Material Lam Module: 14.7 lbs. / 6.7 kg	HDP5000e: 18.7 lbs. / 8.5 kg HDP5000e + Dual-Side Module: 28.6 lbs. / 13 kg HDP5000e + Single-Side Lam Module: 31.7 lbs. / 14.4 kg HDP5000e + Dual-Side Module + Dual-Side Lam Module: 39.6 lbs. / 18 kg	HDP5000: 16 lbs. / 7.3 kg HDP5000 + Dual-Side Module: 22 lbs. / 10 kg HDP5000 + Single-Side Lam Module: 28 lbs. / 12.7 kg HDP5000 + Dual-Side Module + Dual-Side Lam Module: 36 lbs. / 16.4 kg
<b>Interface</b>	USB 2.0, Ethernet (100 Mbps) with internal print server (IPv4- and IPv6-compatible; with support for SNMPv3)	USB 2.0, Ethernet (100 Mbps) with internal print server (IPv4- and IPv6-compatible; with support for SNMPv3)	USB 2.0 (high speed) and Ethernet with internal print server
<b>Color Capability</b>	Full Color/Monochrome	Full Color/Monochrome	Full Color/Monochrome
<b>Input Hopper</b>	100 cards	100 cards	100 cards
<b>Dual Hopper Capability</b>	Yes	Coming Soon***	Yes
<b>Output Hopper</b>	200 Cards	200 Cards	200 Cards
<b>Encoding Options</b>	Supported smart card and magnetic stripe technologies: 125kHz (HID Prox) reader; 13.56 MHz (iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE Plus®, MIFARE DESFire® EV1, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivity, tracks 1, 2 and 3	Supported smart card and magnetic stripe technologies: 125kHz (HID Prox) reader; 13.56 MHz (iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE Plus®, MIFARE DESFire® EV1 / EV2, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding***, dual high- and low-coercivity, tracks 1, 2 and 3	Supported smart card and magnetic stripe technologies: 125kHz (HID Prox) reader; 13.56 MHz (iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE Plus®, MIFARE DESFire® EV1, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivity, tracks 1, 2 and 3
<b>HID Access Control Application Encoding</b>	iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE DESFire® EV1, HID Prox (Also see the FARGO HDP6600 Card Encoding Modules Data-sheet for additional information)	iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE DESFire® EV1 / EV2, HID Prox (Also see the Card Encoding Modules for FARGO® Card Printers Datasheet for additional information)	iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE DESFire® EV1, HID Prox
<b>Lamination Available</b>	Yes	Coming Soon***	Yes
<b>Card Volume</b>	High	High	High
<b>Warranty</b>	Printer: Three years** including one year of free printer loaner support with option to purchase a second year of printer loaner support (U.S. only); Printhead: Lifetime**, unlimited card passes	Printer: Three years** including one year of free printer loaner support with option to purchase a second year of printer loaner support (U.S. only); Printhead: Lifetime**, unlimited card passes	Printer: Three years** including one year of free printer loaner support with option to purchase a second year of printer loaner support (U.S. only); Printhead: Lifetime**, unlimited card passes
<b>Software</b>	FARGO Workbench™ diagnostic utility with Color Assist spot-color matching included with driver; compatible with Asure ID® card personalization software	FARGO Workbench diagnostic utility with Color Assist spot-color matching included with driver; compatible with Asure ID card personalization software	FARGO Workbench diagnostic utility with Color Assist spot-color matching, compatible with Asure ID card personalization software
<b>Options</b>	Dual-sided printing - Upgradable Card Lamination Configurations – Choice of One Material (for single- or dual-sided lamination) or Two Material (for dual-sided lamination) - Upgradable 200-Card Input Hopper - Upgradable Card Flattening Module – Upgradable Dual Input Card Hopper - Upgradable Smart card encoding (contact/contactless) – Upgradable Programmer – Programs HID PACS data – Upgradable Magnetic stripe encoding - Upgradable Physical locks for card hoppers and consumables access (special order only) Printer cleaning kit Single-wire Ethernet or USB 2.0 interface for inline printing and encoding (Note: single-wire Ethernet encoding is available with a third-party license)	Dual-side printing – Upgradable Card Lamination Module*** – single-sided or dual-sided (simultaneous) – Upgradable 200-Card Input Hopper – Upgradable Dual Input Card Hopper Module*** – Upgradable Smart card encoding (contact/contactless) – Upgradable Programmer – Programs HID PACS data – Upgradable Magnetic stripe encoding*** – Upgradable Physical locks for card hoppers and consumables access*** (special order only) Printer cleaning kit Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (Note: single-wire Ethernet encoding is available with a third-party license)	Dual-sided printing – Upgradable Card Lamination Module – single-sided or dual-sided (simultaneous) – Upgradable 200-Card Input Hopper – Upgradable Dual Input Card Hopper Module – Upgradable Smart card encoding (contact/contactless) – Upgradable Programmer – Programs HID PACS data – Upgradable Magnetic stripe encoding – Upgradable Physical locks for card hoppers and consumables access (special order only) Printer cleaning kit Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding
<b>Fluorescent Panel Ribbon (UV Printing)</b>	Yes	Coming Soon***	Yes
<b>Ribbon Loading Method</b>	Drawer	Cartridge	Cartridge
<b>Password Protect</b>	No	No	Yes
<b>GreenCircle® Certified</b>	Yes	No	No

\*Print speed indicates an approximate print speed and is measured from the time a card drops into the output hopper to the time the next card drops into the output hopper. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is dependent on the size of the file, the printhead resolution, the CPU, amount of RAM and available resources at the time of the print.

\*\*Three-year warranty available on printers and lifetime warranty available on printheads with completion of online printer registration. (Two-year warranty standard on both printer and printheads without online printer registration.)

\*\*\*Coming Soon — Please contact your local HID sales representative for additional information.

## COMPARISON CHART



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