

# HID FARGO HDP6600 Features & Benefits Guide



## *Guide Introduction*

This guide provides an at-a-glance view of each of the unique and innovative features offered by the HID® FARGO® HDP6600 and is intended to assist you in communicating the value of this solution to your customers. This guide will provide you with:

- A comprehensive definition of each feature
- The benefits of each feature
- The overall advantage to your customer that each feature ultimately provides

## *Product Description: HID FARGO HDP6600 ID Card Printer/Encoder*

The new HID FARGO HDP6600 from HID Global® combines innovative, never-seen-before features with unprecedented print speeds—making it the most advanced, efficient and fastest desktop-based retransfer printer available on the market today. Only the HID FARGO HDP6600 offers:

- Ability to print up to 230 cards per hour (YMCK with transfer)
- Patent-pending iON™ technology for unparalleled printer readiness and intelligent temperature control
- Retransfer-based wasteless lamination
- Simultaneous print and retransfer
- GreenCircle® certified energy savings
- A comprehensive set of innovative features and options not available elsewhere

Designed to meet the needs of medium-to-large corporations, universities, healthcare facilities, government agencies and service bureaus, the HDP6600 is the new customer demanded standard in retransfer printing.

## FEATURES & BENEFITS



Feature	Description	Benefit	Advantage to Customer
<p><b>Unprecedented printer speed and readiness</b></p>	<p>The HDP6600 offers retransfer card throughput speeds of up to 230 cards per hour (YMCK with Transfer).</p> <p>The HDP6600 features HID Global’s innovative iON™ technology for image transfer and lamination—an industry-first. Patent-pending iON™ or “instant on” technology rapidly heats the transfer roller and optional laminator allowing the unit to reach optimal operating temperature in under 60 seconds where competitive offerings can take up to 2-5 minutes.</p>	<p>Faster speed makes the HDP6600 the fastest, desktop-based retransfer printer on the market today. Only the HDP6600 produces high definition cards at unprecedented speeds.</p> <p>Shorter “heat up” times ensure “first card out” wait times are significantly lowered.</p>	<p>Faster speeds enable customers to print more high quality cards in shorter time frames providing them a level of productivity not available before.</p> <p>Faster “heat up” and printer readiness eliminates that all-too-familiar long wait for the first card.</p> <p>For laminated cards, this can mean the first card is ready up to 80% faster than with other products.</p> <p>Customers can save up to 20 hours in wait-time per year on average.</p>
<p><b>Simultaneous Print and Transfer</b></p>	<p>Only the HDP6600 provides the ability to a print card while simultaneously applying transfer film to the next card in line.</p>	<p>Expedites the entire printing process.</p> <p>Ideally suited for significantly speeding up larger batch jobs.</p>	<p>Customers experience significant, measurable productivity gains not offered by other comparable products.</p>



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<b>Low-cost, wasteless lamination</b>	The HDP6600 utilizes HID Global’s innovative wasteless lamination technology, eliminating the need for the standard carrier film and take-up core included in most lamination consumables on the market today.	Wasteless lamination provides cost savings and as less waste is produced, it is earth friendly.	The HDP6600 can substantially reduce a customer’s high volume laminate materials costs by as much as 40%.
<b>GreenCircle® Certified: Energy efficient and earth-friendly</b>	The HDP6600 is GreenCircle® Certified for its energy conservation attributes. Its industry-leading iON™ technology with intelligent temperature control ensures that the retransfer and lamination rollers are only on and consuming energy while in operation.	This provides unmatched energy efficiency and translates to significant energy savings over comparable products.	This energy savings directly translates to significant and measurable cost savings for large projects. As an example, a card program supported by 100 laminating printers could save as much as \$5,000 per year in energy costs alone!  Supports end customer “green initiatives”.
<b>High Volume Performance</b>	Designed to meet high volume needs, the HDP6600 includes support for high-yield, full-color ribbon and laminate consumables.  For greater system capacity, options include a 200-card input or dual-card input hopper*.  <i>*Coming Soon</i>	High yield consumables keep costs at a minimum while maximizing productivity.  Dual-card input hoppers* allow for management of multiple card types simultaneously.	Customers experience continuous, uninterrupted productivity. With competitive products, cards will be need to be loaded more frequently and if managing multiple card types, hoppers will have to be swapped out mid-production. This can significantly slow the entire batch run down and requires additional manual intervention.



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<b>Reliability</b>	<p>The HDP6600 was built with reliability in mind. Due to HID's innovative iON™ and Heated Roller Temperature Sensing technologies, both printer and printhead are protected from unnecessary wear and tear. The retransfer and lamination rollers are only on and consuming energy while in operation.</p>	<p>Printer components are not subjected to consistent high temperatures which can take a toll on various elements and cause damage or sacrifice performance and dependability over time.</p>	<p>Printer components do not deteriorate as quickly as with competitive products.</p> <p>Printer will likely have fewer servicing needs.</p> <p>Printer lasts longer protecting customer's initial investment.</p>
<b>Thoughtful design for ease of use and minimal maintenance</b>	<p>The HDP6600 provides a user-friendly graphical SmartScreen display.</p> <p>When laminating, built-in sensors automatically advance overlaminates within the unit.</p> <p>Thoughtfully designed and streamlined module attachment: Includes hassle-free, card path access as well as easy access to film and ribbon drawer assemblies.</p>	<p>Display allows you to easily scroll through and select printing and lamination options.</p> <p>Sensors ensure proper alignment and optimal results.</p> <p>Streamlined module attachment ensures modules attach securely and align effortlessly.</p> <p>This not only makes in-field module upgrades easier, this also makes the unit easier to service if needed.</p>	<p>The HDP6600's graphical display ensure ease-of-use during operation.</p> <p>Proper alignment ensures cards are printed as intended and eliminates card path issues such as internal card jams, significantly reducing reject card waste.</p> <p>Should service ever need to be performed, hassle-free access to card path and modules saves time and provides customers with an overall better end-user experience.</p>



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<b>Optional card flattener</b>	Optional module that flattens the finished credential at the end of the printing/lamination process.	Ensures finished cards are flat and even.	Customer enjoys flawless and professional finished credentials with every print job.
<b>600 dpi Print Resolution</b>	Dye-based inks are applied to the card at a 600 dpi (dots per inch) resolution.	Colors are more brilliant and images are sharper in 600 dpi than they are with 300 dpi. The higher resolution gives organizations the ability to more vibrant colors as well as precisely print small text and crisply defined barcodes.	<p>The HDP6600 produces IDs and cards with the highest image and text quality available, making it a smart choice for government agencies, corporate organizations, retail stores, recreation facilities, and any organization whose brand image is paramount.</p> <p>Overall advantage is flawless, professional and sharp looking cards that well-represent their brand and aid in visual ID verification.</p>
<b>Modular and scalable versatility</b>	Dual-side printing, lamination and encoding modules can be added or removed anytime “on the fly”.	Customers can expand or reduce production instantly without investing in new base printers.	Protects initial investment in base hardware as the printer can grow with customers’ needs as they change over time.

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<b>Security</b>	<p>The HDP6600 features password protection and options for applying standard or custom holographic overlaminates.</p> <p><i>Coming Soon Security Features:</i></p> <ul style="list-style-type: none"> <li>• <i>Standard AES Data Encryption*</i></li> <li>• <i>Optional hardware locks*</i></li> <li>• <i>Resin Scramble Data Protection* (aka Resin Erase)*</i></li> <li>• <i>Standard holographic HDP Film option*</i></li> </ul>	<p>Passwords ensure only authorized personnel can access the printer and associated data.</p> <p>Holographic overlaminates give ID cards a high level of protection by adding Visual Security Elements (VSEs) that are extremely difficult to forge, yet easy to authenticate. They offer increased security through a tamper-resistant laminate combined with an embedded holographic image repeated over the card face.</p>	<p>Passwords ensure that unauthorized personnel cannot utilize the printer to print fraudulent cards and protects sensitive cardholder data accessible by the printer.</p> <p>Even from a distance, holographic overlaminates allow you to easily recognize a legitimate ID as well as an ID that may have been tampered with. An overlaminate also makes cards more resistant to everyday wear and tear.</p>

*\*Coming Soon — Please note that some features and options for the HDP6600 will not be available upon initial commercial launch of the HDP6600 printer/encoder but are expected to be available at a later date. Expected availability and release dates of these options are tentative and subject to change. Please contact your local HID Sales Representative for additional information.*

**Coming Soon Features and Options include:**

- *Dual input card hopper module*
- *Standard AES data encryption*
- *Physical locks for card hoppers and consumables access*
- *Resin Scramble Data Protection (aka Resin Erase)*
- *Standard holographic HDP Film*

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