

*The Trusted Source for
Secure Identity Solutions*

DTC5500LMX Introduction

HID Global Product Marketing
March 31, 2015

Table of Contents

Market Trends – Understanding the drivers for lamination solutions

DTC5500LMX Wasteless Lamination Solution – Introducing HID's LMX wasteless lamination technology in a Professional DTC hardware solution

Market Trends

- The need for holographic security is on the rise to combat counterfeit ID's on a global level
- Emerging markets are seeking more affordable tools for secure, centralized ID issuance to growing populations of citizens
- High volume card issuance customers are seeking low cost per card solutions to cost effectively issue secure and durable ID's
- Increasing the life of each card will reduce recurring costs of re-printing ID badges and official ID cards

A History of Lamination Innovation



DTC5500LMX



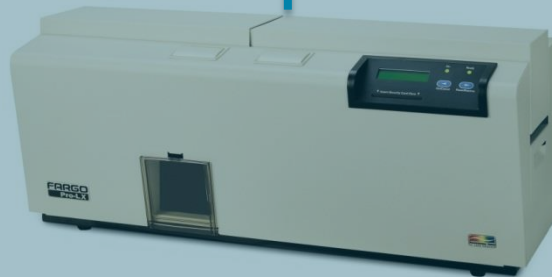
- **Robust**
- **Wasteless**
- **Efficient**

DTC550



- **Durable**
- **Workhorse**

Pro-LX



- **Industrial**
- **Heavy**
- **Reliable**

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What is wasteless lamination?

Traditional



- Two Cores: Supply and Take-up
- Carrier film holds patches before they are applied to a card
- Laminator must stop after advertised quantity of patches
- Traditional way to laminate cards

LMX Wasteless



- Single Core
- Perforated laminate tears away when applied to each card
- Large savings in manufacturing costs of consumables
- No unused patches left on core – every patch can be used

Introducing the DTC5500LMX



- HID Global's patent-pending iON™ technology combines energy efficiency with rapid heat control to enable the fastest ready-time in the industry
- LMX wasteless lamination lowers consumable costs by up to 50% over legacy lamination methods
- Largest card patch coverage in the industry
- First laminating card printer to be GreenCircle® Certified
- Every machine has dual-side printing and dual-side lamination capability
- Wide array of technology card encoder options available
- Three year warranty

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GreenCircle Certification System

GreenCircle Certified, LLC certifies
that an independent, third-party evaluation has been conducted for:

HID Global Corporation

DTC5500LMX

66% Energy Savings

Eden Prairie, MN



Energy savings were calculated based on a 24 hour period and include printer startup. The analysis assumes three cards are printed every 30 minutes for an 8 hour period (standard work day) and the remainder of the time is spent in a baseline/sleep mode.

The analysis assumes double-sided printing and double-sided laminating. Energy savings are calculated based on an assessment to a comparable product currently sold in the marketplace.

Certification Period: January 1, 2016 - December 31, 2016

Certification Number: 15-0368

Tad Radzinski, PE, LEED AP, SFP

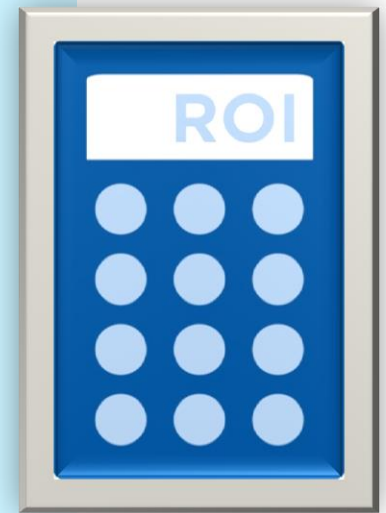
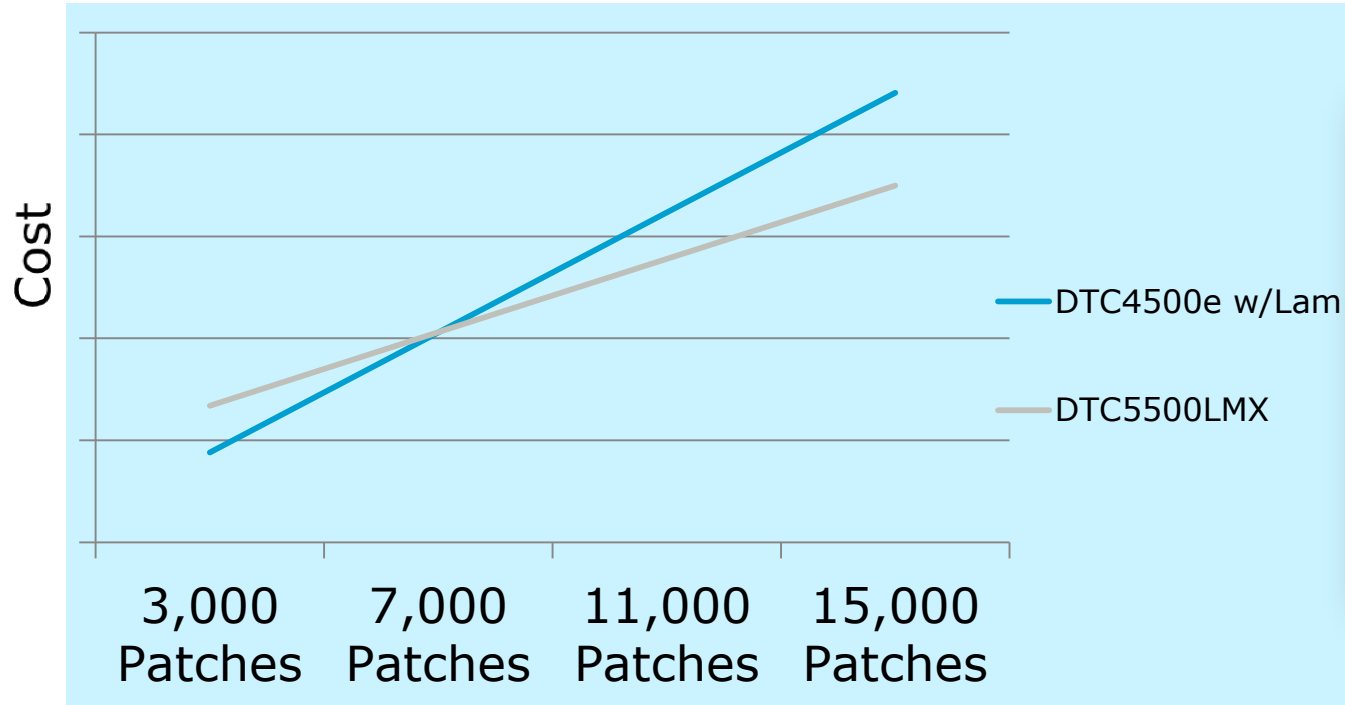
Certification Officer

**GreenCircle
CERTIFIED** LLC

155 Railroad Plaza, Royersford PA 19468

When does LMX make sense?

With a slight increase in hardware cost, when does it make sense to use a wasteless lamination solution?



When patch volumes reach or exceed 7,000, the LMX solution pays for itself and becomes increasingly more cost-effective

**Additional savings from time and energy efficiency are not included in this ROI calculation*

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How to Choose Between One or Two Material Printers

What sides of your card would you like to laminate?	Here's your ideal DTC5500LMX
Front	1 Material DTC5500LMX
Back	
Front and Back With the Same Laminate Types	
Front and Back With Different Laminate Types	



****1 and 2 Material units are factory order and non-upgradeable***

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LMX Wasteless Lamination Patch Options



Whole Patch

- Clear
- Custom Holographic
- Stock Holographic

IC Cutout Patch

- Clear
- Custom Holographic

Half Patch

- Clear
- Custom Holographic

Software Support

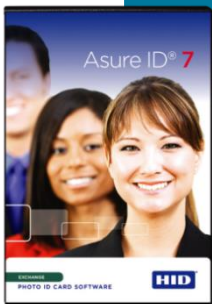
FARGO® Advanced Software Development Kit (SDK)

Build or integrate to your own interface.

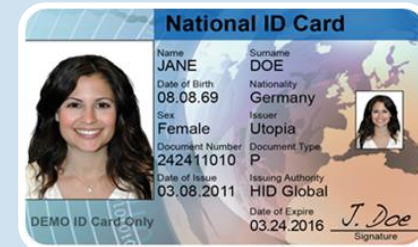
Advanced FARGO SDK can be used to control all functions of the DTC5500LMX components

HID AsureID® Card Personalization Software

AsureID allows users to design their cards for printing / encoding / and lamination with the DTC5500LMX in a single step so that you can issue a multi-function, laminated and highly secure smart ID in the end



Market Applications



Corporate

- SMB and Fortune 500 Employee Badges
- Medical Patient and Caretaker IDs

Education

- Student IDs
- Campus Smart Cards
- Event Cards

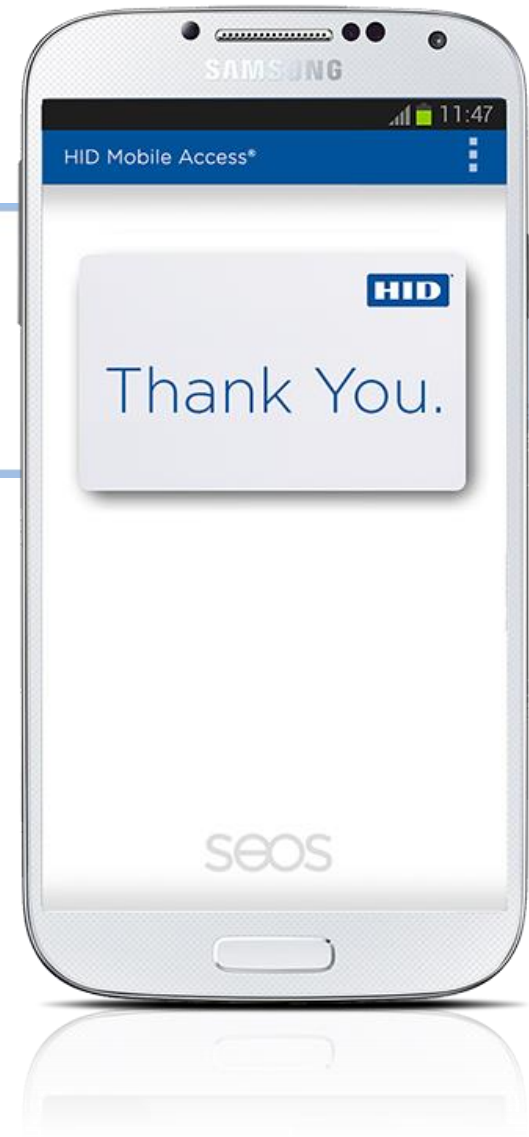
Government

- National IDs
- Law Enforcement IDs and Firearms Permits
- Military IDs
- Residency Cards

Key Value Features

- **Speed:** iON™ Technology lamination allows users to laminate cards within **45** seconds from cold start up, a 70% reduction in heat-up time – an industry first
- **Wasteless:** LMX consumables eliminate carrier film and take-up cores, which pass along up to a 50% savings in laminate consumable costs for consumers with cost-per-card concerns
- **All-in-One:** Complete printer and lamination solution built into one unit minimizes card shuttling and eliminates card elevators
- **Rugged:** From the steel baseplate to the inclusion of built-in handles, the DTC5500LMX was built for maximum durability, even in the harshest environments
- **Capacity:** Standard lamination supplies are manufactured with 1000 patches per roll, reducing the need for users to spend time replacing laminates in high volume environments, which could increase production time and costs

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