

M7<sup>K</sup>

NEEDS FOR FASTEST UV Printer?  
World's FASTEST UV Printer?



We drive variable printing

# HAWK

*Superior Variable Inkjet*

# The Best Variable System for 100s of Presses Worldwide



MOBILE CART OPTION

Finally, a UV inkjet system that fits perfectly on your press, vacuum conveyor, or rewinder and can now be made PORTABLE! Hawk M7 is the latest generation of high resolution DOD print technologies from Digital Print, Inc. (DPI). The system is expandable from 2.5" to 22" in a single print head.

The Hawk M7 uses Kyocera's advanced print head technologies. These robust and reliable print heads are designed for a broad range of industrial and commercial printing applications. They easily support such applications as labels, forms, direct mail, tickets, gaming, promotions, tags, pharma packaging and logistic barcodes.

At DPI we create a strategic bond between you and your customer through our latest innovations with variable data technology and our universal controller that will create a revenue stream for years to come.

## APPLICATIONS

- TICKETS, TAGS & LABELING
- DIRECT MAIL ADDRESSING
- PLASTIC CARD PRINTING
- INVISIBLE SECURITY INK
- READ & PRINT / CARD ATTACHING
- DIGITAL VARNISH
- COLD FOIL APPLICATIONS
- CHANGE COLORS EASILY
- WHITE & CUSTOM PMS COLORS

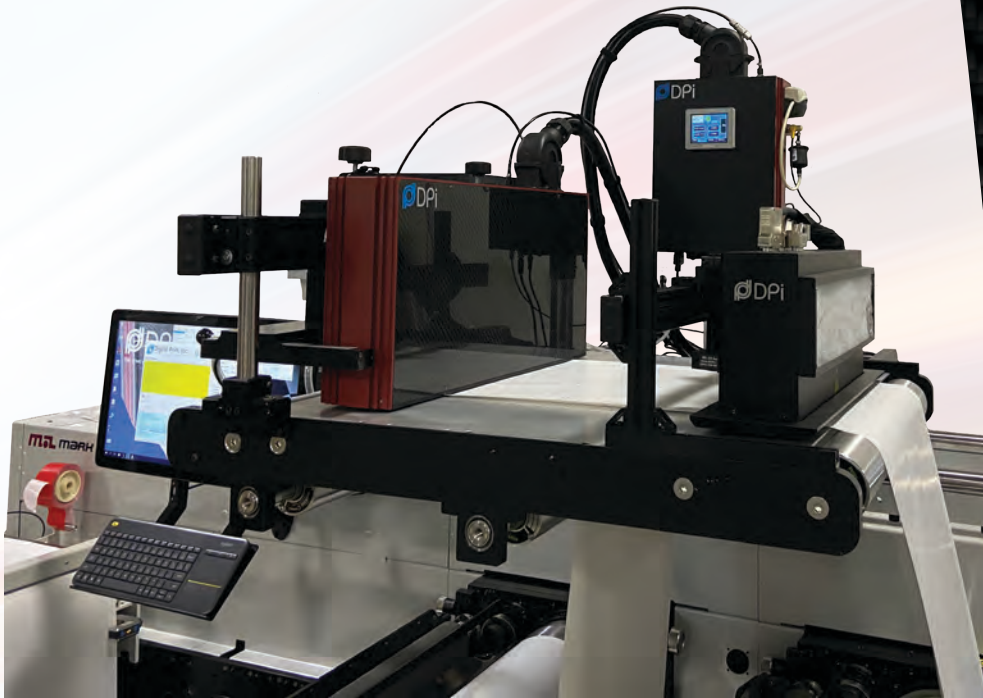
## Wide Inkjet Heads

### M7 ADVANTAGE

The system utilizes the latest 30 & 40 kHz print module with lightning fast data transfer and print speeds.

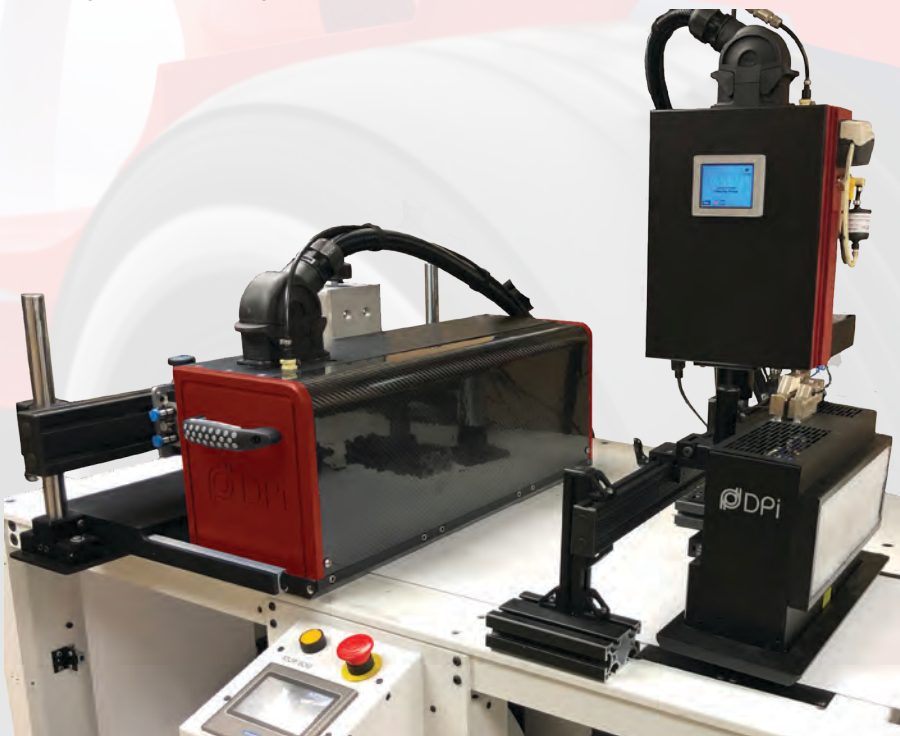
- One ink for coated (UV/AQ), non coated or plastic stocks
- Automated maintenance / service features
- Sharp crisp text and barcodes with 1200 dpi quality
- High capacity 5 liter & 20 liter ink supply
- Spot colors can be changed easily
- QPress software for minimizing your layout time
- Duplex print with our custom press mount
- Move system to a second press as needs change
- Modular / operator replaceable components
- Print Specialty Codes w/ PDF Workflow Option





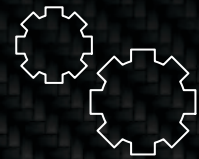
## PRINT HEAD FEATURES

- 600 dpi across the head, (up to 1200 dpi in direction of travel)
- Cover more than 22" of variable print with multiple head combinations
- Adjustable drop size and shaving for highest barcode readability
- UV / LED cure or water based ink available
- Internal filters eliminate contaminants from the ink
- Internal heaters minimize the impact of external temperature changes
- Integrated head tray and automated service mode reduce maintenance



## M7 DS

Double your speed at 600 dpi with the M7 DS (Double Speed). A few advantages of double bar technology include high density images and consistent solids at higher speeds.



## CUSTOM SOLUTIONS

Let our 35 years of industry proven experience give you the competitive edge by providing a turnkey system designed specifically for your press. All systems include installation, custom press mounts, onsite training, and application support. Custom software programming is also available for unique applications.



## INKJET CONTROL SYSTEM

- Standard Windows Based PC
- Interface to read and print system
- Initialize QPress, DPi legacy, or PDF jobs\*
- System setup and service
- Monitor job progress
- Estimate ink usage



## QPress LAYOUT SOFTWARE

Your more difficult job layouts are a snap with our user friendly software.

- Optimize layout for cut sheet or web
- Step and repeat tools built in
- Easily apply variable data, barcodes or graphics
- Numbering, barcoding, serialization
- Text, graphic, and barcode rotation
- Barcode shaving for improved quality (material with high dot gain)

# TECHNICAL SPECIFICATIONS

## How Wide?

2.5"  
4.25"  
8.69"  
13.11"  
17.54"  
22.98"  
Combine multiple heads to match the width of transport or web

## What Resolution and Max Speed?

Resolution	UV Ink	UV Ink DS
600x900 dpi up to	166 fpm	332 fpm
600x600 dpi up to	250 fpm	500 fpm
600x450 dpi up to	333 fpm	666 fpm
600x300 dpi up to	500 fpm	1,000 fpm

Drop Volume: adjustable 7, 11, 14  
33% speed increase with AQ Head  
Cure / Drying can impact max line speed

## How is it mounted?

Custom head mounts available to fit your press or transport

## What Inks?

UV, Water Based, & Spot Colors

## What can I print on?

Coated (UV or AQ) and uncoated paper, foil, Plastic, PVC, Chipboard

## UV Curing

LED UV Curing Lamps available with system purchase

## Power Requirements

110 to 220 VAC 50-60 Hz

## Air Requirements

50psi minimum (clean/dry)

## Best Warranty

1 Year Parts / Labor  
Free Lifetime Tech Support

## Included Software & Controller

Windows Based PC  
QPress Layout Software  
Print Control Software  
Optional PDF Software

## Ink Delivery

5 liter to 20 liter supply  
(Ink Dependent)

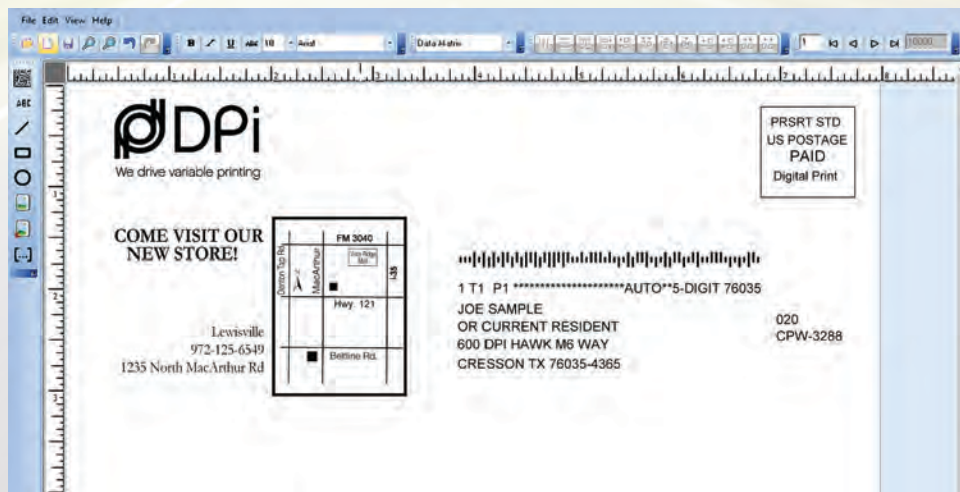
## What Barcodes?

USPS IMB  
USPS Postnet  
USPS IMPB  
UPC A  
Code 128  
Code 39 / 3 of 9  
Interleaved 2 of 5  
Data Matrix  
Data Matrix GS1  
Data Matrix / Harvest Mark  
QR Code  
Aztec  
PDF 417  
Codabar/NW-7  
Code 93  
RSS  
EAN 13  
EAN 8  
SSCC 18  
Custom Barcodes & Many More



We drive variable printing

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Industry Leading QPress layout software

HM7050522 DPI strives to improve our products on a regular basis. We reserve the right to alter the design or specification without notice.