

# DICEweb Retrofit Digital Printer



## Product Overview

DICEweb is a high speed single pass full color inkjet print engine designed to be retrofit on existing analog web presses or converting lines.

- Add digital print capability to existing web platforms
- Ideal for short run, hybrid or variable data printing

*The DICEweb*



## Exceptional Print Quality

The DICEweb provides clear, sharp images with vibrant colors and high levels of detail

- Up to 1200 dpi printheads provide precise drop placement
- Excellent bar codes, background tints and fine type
- Color managed RIP engine for accurate, repeatable color printing



*Mounted on a Web Press*

## Maximum Uptime and Productivity

The DICEweb provides a number of features designed to maximize productive uptime

- Up to 400 fpm linear speed
- Recirculating ink supplies for consistent jetting reliability
- Automated head tending system to eliminate blocked nozzles
- Pull out design provides easy access to print components for self-maintenance



*DICEweb Printer in Maintenance Positions*

## Low Operating Cost

The DICEweb makes running hybrid and digital jobs economical, with shorter cycle times and greater flexibility to improve profitability

- No click or per-print charges
- Optional maintenance contracts
- Free support with purchase of ink



## Easy Integration

DICEweb is easily adapted to work with most any web presses or converting equipment.

- Mounts in-line with existing web path
- Software customized to fit your existing workflow
- Current operators trained to operate the printer



## Prototype & Production Inkjet Expertise

PPSI has 15+ years of experience creating state-of-the-art digital hybrid printers based upon analog printers and web transports. This allows us to guarantee system performance for your specific application requirements. We will work with you and your team to assess your requirements, determine whether the technology is a viable solution for your application and design and implement a solution that works for you.



## 3 Steps to Guaranteed Success

1. Inkjet Process Validation  
Verification of your application including substrates, coatings, inkjet and analog processes
2. Machine Integration  
Integration of the digital print engine onto your analog press.
3. Workflow Integration  
Integration of the digital press into your workflow.

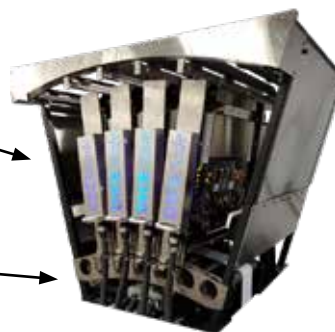
## Applications

- Paper Labels
- Shrink Films
- Flexible Packaging
- Security Labels
- Variable Data
- Bar codes & UPC codes
- Hybrid Printing



## Specifications

The DICEblade module. Each DICEblade is a color (6 blade frame populated with 4 blades)



Passive roller system with encoder for accurate image placement and web control

### Standard Configurations:

Imaging widths:	1.7" to 60" (wider available custom order)
Print speed:	Up to 400 fpm, depending on printheads & resolution
Resolution:	400, to 1,200 dpi depending on configuration
Jetting Fluids:	UV and UV-LED curable and water based inks; Custom formulations also available; in 1 and 5 liter cubitainers
Substrates:	Paper, plastic, film, metal, foil
Computer:	Windows 11 PC, Monitor, Mouse and Keyboard
Power:	85-240VAC, single phase, 50-60Hz 200 amps; Air: 70psi @2CFM
Dimensions:	7in W x 42.5in H x [Frame Width] L

