



**DICE**<sup>™</sup>

# Unlock the Power of Industrial Inkjet Printing

At Prototype & Production Systems, we have over 15 years of experience designing and building industrial inkjet printers that outperform the competition in terms of speed, width, and accuracy. Our printers are built to deliver unmatched performance and help you achieve your business goals.

## High Quality Print

- Resolutions from 360 to 1200 dpi
- Print speeds up to 400 fpm
- Image width up to 60 inches



## Custom fit to your needs

- Printheads matched to your application
- UV curable and aqueous inks, solvent inks and functional fluids
- Fits with your prepress workflow & press operation



## Maximum Uptime

- Automated Head Tending.
- Pull out design for easy access to all components
- Online access to troubleshooting and support



**Prototype & Production**  
SYSTEMS INCORPORATED

**DICEtrax for rigid or flexible cut sheet materials**



# Flexibility, meet innovation!

**DICEweb retrofit onto a flexo press creating a hybrid system**



## Seamless integration for your unique needs

- Cure and Substrates
- Treatments & Coatings
- Material Handling

## From Monochrome to Extended Gamut

- Each blade is a ink color
- CMYK default
- White, clear, flourescent jettable inks
- Orange, green and violet

**DICEpress for applications that require web based material handling**



**DICE printer integrated on a manufacturing line for late stage customization**



## Tailored to your workflow

- High performance flexible RIP options
- Integrates with your existing digital front end
- Variable data capability

# What do you want to print?

## Flexible Web



## Rigid Flat



Parameter	DICEblade
Imaging Width <sup>1</sup>	1 to 32 in standard, customized up to 60 in (1.5m)
Print Speeds <sup>2</sup>	400 fpm linear (122 mpm), depending on print-head/configuration
Print Resolution <sup>2</sup>	360 dpi up to 1200 dpi, depending on print-head
Printheads	FujiDimatix: Samba, Starfire, Ricoh: Gen5, Xaar: 1003, 2002, Epson S3200
Jetting Fluids	UV cure, aqueous, solvent, functional fluids, custom formulation
Substrates	flexible or rigid plastics, metal, paper, label stock, corrugated, parts, etc.
UV Cure	LED intercolor pinning lamps, LED final cure

<sup>1</sup> Standard sizes listed. Larger widths available in custom orders  
<sup>2</sup> Depends upon printhead type

## Objects & Parts



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