# New DICE*web*



## Product Overview

- Print process color at up to 400 ft/min at 600 dpi.
- Resolutions from 360 to 1200 dpi.
- Printheads from multiple manufacturers
- In-position cap and clean system for increased printhead reliability and performance
- No required maintenance contracts
- Combine flexo & digital printing
- Be competitive on short runs & same-day service
- Benefit from current investments in press equipment
- Register perfectly with die-cutting & other finishing

### Description

DICE*web* is a bolt-on inkjet print engine for narrow web presses. Designed for tag, label and ticket printers who want to use digital printing to address customer demands for shorter run-lengths and faster job turn-arounds, DICE*web* fits easily into an existing workflow. The DICE*blade* design allows you to reconfigure your DICE*web* between runs, just like a standard press.

### Robust Printer Control Software powers the DICE*web* printer

- Variable data and image input
- Fully-featured job queue control
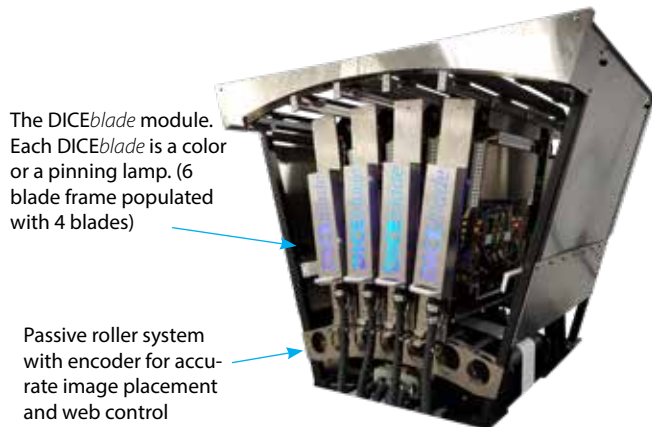- Network-ready pre-press layout software

## Applications
- **Labels**
- **Packaging**
- **Commercial Print**
- **Variable Data/Graphics**
- **Web Product Decoration**



*DICE™ inkjet printer retrofit on to a flexo press*

**Prototype & Production**
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| Printheads | Standard DICEblade Frame Sizes | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12.25" | | | 16.00" | | | 19.25" | | | 23.25" | | | 31.00" | | |
| | 311 mm | | | 406.4 mm | | | 489 mm | | | 590 mm | | | 787 mm | | |
| | # Heads | Print Width | Rear Offset | # Heads | Print Width | Rear Offset | # Heads | Print Width | Rear Offset | # Heads | Print Width | Rear Offset | # Heads | Print Width | Rear Offset |
| Fujifilm SG 1024 | 2 | 5 | 2.97 | 4 | 10 | 2.97 | 6 | 15 | 2.12 | 7 | 17.5 | 2.87 | 10 | 25 | 2.97 |
| Fujifilm Samba | 4 | 6.71 | 2.76 | 6 | 10.11 | 2.76 | 8 | 13.54 | 2.85 | 10 | 16.96 | 3.15 | 15 | 25.4 | 2.7 |
| Xaar 1003 | 2 | 5.4 | 2.76 | 4 | 10.8 | 2.75 | 5 | 13.5 | 2.75 | 6 | 16.2 | 2.87 | 9 | 24.3 | 2.75 |
| Keyocera KJ4 | 1 | 4.25 | 2.75 | 2 | 8.5 | 2.75 | 3 | 12.75 | 2.75 | 4 | 17 | 2.87 | 6 | 25.5 | 2.75 |
| Memjet DL | N/A | N/A | N/A | 1 | 8.5 | 3.75 | 1 | 8.5 | 3.75 | 2 | 17 | 3.125 | 3 | 25.5 | 2.75 |



The DICE*blade* module. Each DICE*blade* is a color or a pinning lamp. (6 blade frame populated with 4 blades)

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

**DICE***web printer*



*Control Cabinet with bulk ink supplies*

## Specifications

| | |
|---|---|
| Configuration | 6 blade frame: 41.5" w (at web) x 50.5" d x 66.5"h (width is blade # dependent) |
| Imaging Widths | 1.7" to 25.5" (wider available custom order) |
| Print Speed | Up to 400 ft/min ( 122 m/min) at 600 dpi (printhead dependent) |
| Print Resolution | 360 to 1200 dpi actual (printhead dependent) |
| Number of Colors | Up to 10, 4 color process (Cyan, Magenta, Yellow, Black), others available (Lc, Lm, white, clear, etc.) |
| Ink | 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 | Integrated industrial PC with MS Windows, monitor, keyboard, mouse |
| Software | Print server and engine (RIP) with optional variable data printing module |
| Optional Components | UV curing system, DICE™ custom press mount or free standing print engine mount |
| Size | DICE*web*: 41.5" w (at web) x 50.5" d x 66.5"h Control box: 33"w x 40"d x 47"h |
| Approx. Weight | DICE*web*: Configuration dependent Control box: 500 lbs. |
| Power | 85-240VAC, single phase, 50-60Hz 200 amps; Air: 70psi @2CFM |



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