

DICEtrax Single-Pass Digital Printer



DICE[™]

Product Overview

The DICEtrax high speed single pass printer is a great fit for printers that require high digital print on rigid or flexible substrates. The DICEtrax;

- Replaces scanning and screen printers.
- Increases your production and profitability.



High Speed

- 100 linear feet/minute.
- 10,000 square feet per hour.

Wide Print Image

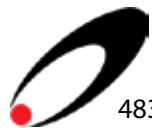
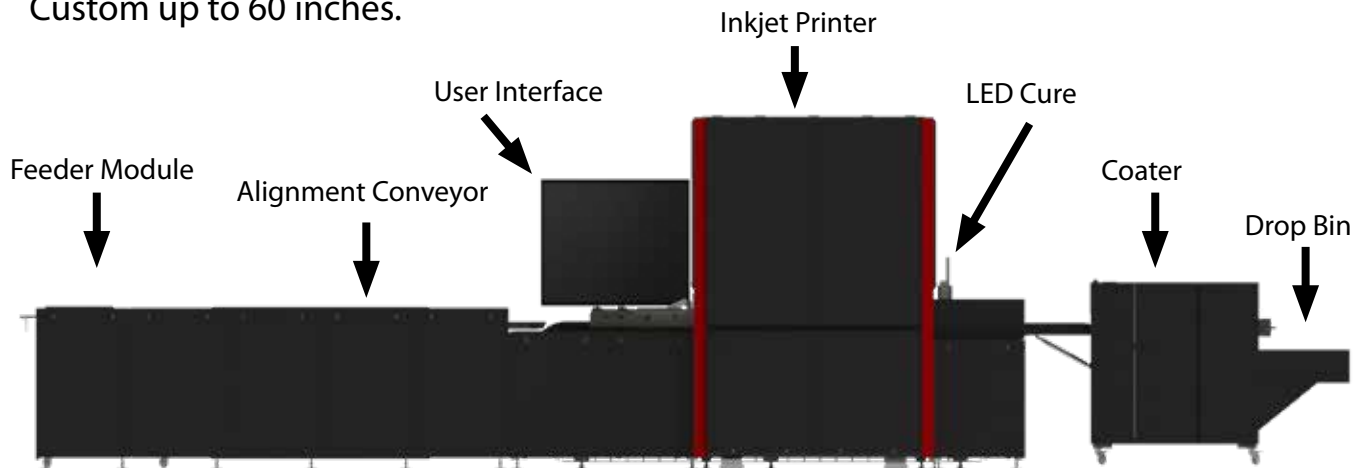
- Standard width 25" for yard and safety signs.
- Custom up to 60 inches.

Precise Material Handling

- Vacuum conveyor to hold down and move material.
- High accuracy side to side registration.
- Feeders and stacker available.

Digital Flexibility

- Print to order short run jobs.
- Add Personalization, Serialization & Customization.



Configuration Flexibility

- Print on a variety of materials.
- Print CMYK and extended gamut (OGV).
- Add clear and white inks.
- Configured with printheads to meet your needs for resolution, inks and print speeds.
- Can be configured to print UV curable, aqueous, solvent inks and functional fluids.



DICEtrax view of DICEblades

Maximizing Uptime

- Recirculating ink supplies filter, mix, maintain jetting temperature, and pressure levels keeping the ink ready to jet.
- Automated head tending system washes and vacuums the printheads reducing jet outs.
- Easy pull out access to print components for self-maintenance.

eMail: info@prototypesys.com

Phone: 763-557-9348

Online: www.prototypesys.com

Parameter	DICE ^{trax}
Imaging Width ¹	25 in (635mm) standard, customized up to 78 in (2m)
Print Speeds ²	100 fpm linear (30 mpm), depending on printhead/ configuration
Print Resolution ²	360 dpi up to 1200 dpi, depending on printhead
Printheads	FujiDimatix: Samba, Starfire, Ricoh: Gen5, Xaar: 1003, 2002, Epson: S3200, Konica Minolta: 1800i
Jetting Fluids	UV cure, aqueous, solvent, functional fluids, custom formulation
Substrates	flexible or rigid plastics, metal, paper, corrugated, parts, etc.
Substrate Thickness	Up to 4 inches (10cm)
UV Cure	LED intercolor pinning lamps, LED final cure
Computer / Software	Windows OS PC w/PPSI print manager, ColorGate or Harlequin RIP engine
Drive Electronics / Software	Meteor
Dimensions	LxWxH 225"x72"x94" (572x182x239 cm) standard configuration
Power ³	85-240VAC, single phase, 50-60Hz 200 amps
Auxiliary Connections	Air: 90-100psi @ 2CFM Internet connection for remote support access

¹ Standard sizes listed. Larger widths available in custom orders

² Depends upon printhead type

³ Amperage will vary with print width

See It in Action

To see the DICE^{trax} operating. Scan the QR code:

