

Product specifications

PRINT-AREA CAPABILITY

Width : 4.25 In. (107.95 mm) or 8.5 In. (215.9 mm)
Duplex printing available.

RESOLUTION AND SPEED

240 x 240 dpi at 300, 500 or 1,000 fpm

PRINTER CONTROLLERS

DPI's Raptor (RIP) Printer Controller

DPI's Raptor Print Controller is the cornerstone for all of DPI's high-speed variable data printing systems. The Raptor Series Printer Controllers offer many features and benefits. For example:

- A true graphical user interface
- The ability to load and print over 4000 fonts and logos at a time
- Rack mountable smaller footprint more compact design
- Can run multiple print systems as one unit or individually
- Ethernet compatible easily networked
- Advanced system integration with "Read-and-print" and "Print Lookup" capability
- Dynamic product development with ongoing upgrades for added features and capabilities

Specifications

- 90 - 220 VAC ~ 6 Amp., 50Hz/60Hz
- Operating Environment: 40°F to 105°F (5°C to 40°C); 15% to 90% RH non-condensing
- Outside dimensions: Length 17" X Width 3.5" X Depth 14" & Rack mountable
- Inputs: Encoder -2, Mark sensor -1, Multi -1, I/O -1
- Multi RIP communication: Ping in & out of each RIP to have a chain of Controllers all with the same data input.
- Operating System: Industrial Windows XP embedded
- Fonts: Any TrueType or Adobe Type 1
- Native Barcodes: 3 of 9, Interleaved 2 of 5, Code 128, Codabar, UPC A, EAN 13, EAN 8, PostNet & Planet Barcode, MSI, Plessey, 2D Barcodes (Data Matrix, PDF 417)

Numbering, bar-coding, serialization, logos and can print up to 4,000 loaded conditional bitmaps.

Read-print interface with optional camera reader

(barcode or OCR) for input source and data base lookup

Data Formats: ASCII Text, Fixed Length records & custom

Data Sources: Fixed (no data source), ethernet, Host/LAN, floppies, CDs, USB port for flash drives & removable hard discs.

DPI's Winlabel Xpress® design-layout Software

- Fonts: Any TrueType or Adobe Type 1
- Native Barcodes: 3 of 9, Interleaved 2 of 5, Code 128, Codabar, UPC A, EAN 13, EAN 8, PostNet & Planet Barcode, MSI, Plessey, 2D Barcodes (Data Matrix, PDF 417)
- Numbering, bar-coding, serialization, logos and can print up to 4,000 loaded conditional bitmaps
- Variable data rotation up to 360° in 90° increments
- True graphical user interface
- Font selection with font preview, data-file grids, true per-page print preview (including all object types: barcodes, variable bitmaps, etc.) with record scrolling ability
- Data Formats: ASCII Text, Fixed Length records, custom & compatible graphics
- Data Sources: Fixed (no data source), ethernet, Host/LAN, flash drive, removable hard discs and floppies.
- Proofs to any Windows printer

POWER REQUIREMENTS

110 To 220 VAC

50-60 Hz

WORKS WITH

Web and sheet-fed presses and transports, collators, converting equipment, material -handling transports

INK TYPES

Water-based black

STOCKS AND SUBSTRATES

Prints on most paper and bond stocks, tag stocks, chemical carbonless paper, paper-based label stocks and packaging.

DRY TIME

Dries in seconds on most paperbased substrates (IR drying system recommended for coated stocks)

CIJ 425/850

when SPEED matters most

Contact information



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We drive variable printing

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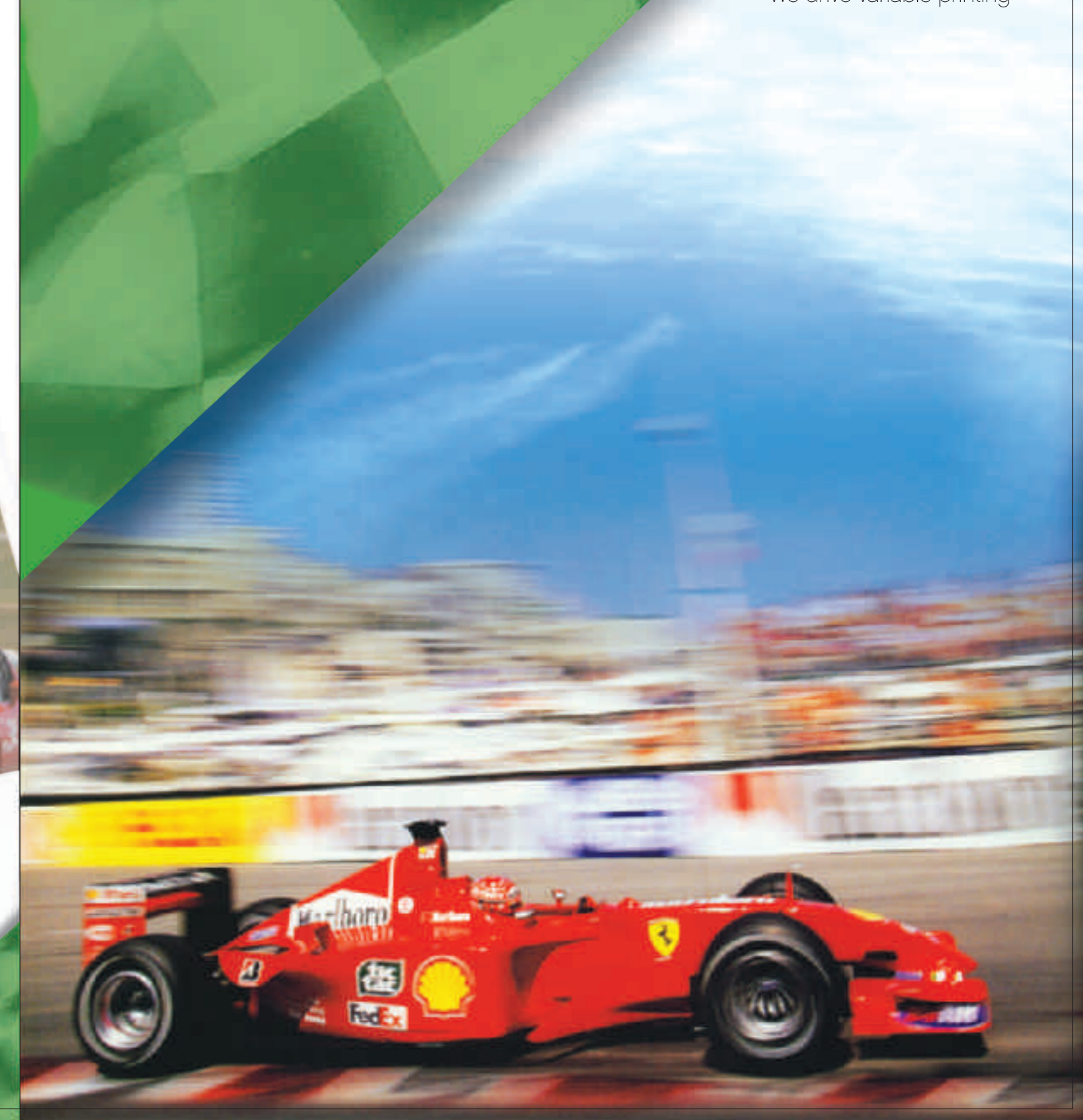
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CIJ 425/850

when SPEED matters most

Company profile

In 1986, company president Jack Farr founded Digital Print, Inc. (DPI) and created the company's first product out of his home. He did it with little more than ingenuity and a vision: to build a variable data printer controller that was better, faster and more affordable than anything else on the market.

More than 20 years later, DPI is still an innovator in leading-edge, affordable variable data printing solutions. From our very first product, an ion deposition print system sold to the National Security Agency, we've offered unsurpassed value and support by combining our proprietary printer controllers and software with leading print technologies to meet a variety of demands. We're proud to offer the largest portfolio of variable data solutions to meet your print needs.

When an electrical fire destroyed our first manufacturing facility in 2001, we refused to let it affect our customer commitments. Equipment was salvaged, new supplies were purchased, and orders were met from a new, temporary location.

Today, DPI is housed in a state-of-the-art manufacturing facility on the grounds of MotorSport Ranch-another innovation of its kind.

DPI is your one stop shop for variable printing systems. We offer the widest range of variable printing solutions to fit any budget, printing technology or application need. We are the industry experts with more than 20 years of experience building and integrating customized variable data solutions on nearly every make of flexo or sheet-fed press, collator and offline transport. We seamlessly integrate our reliable, high-resolution variable data printing system with your flexo or sheet-fed presses and collating and conveying systems, broadening the versatility of your equipment and strengthening your product portfolio.



Product portfolio

The ideal solution for low-cost-per-print, long-run, high-volume variable printing.

FAST

- Get fast continuous inkjet technology (CIJ) from Kodak-up to 1,000 fpm.
- Maximize output with the fastest print speed of any inkjet.

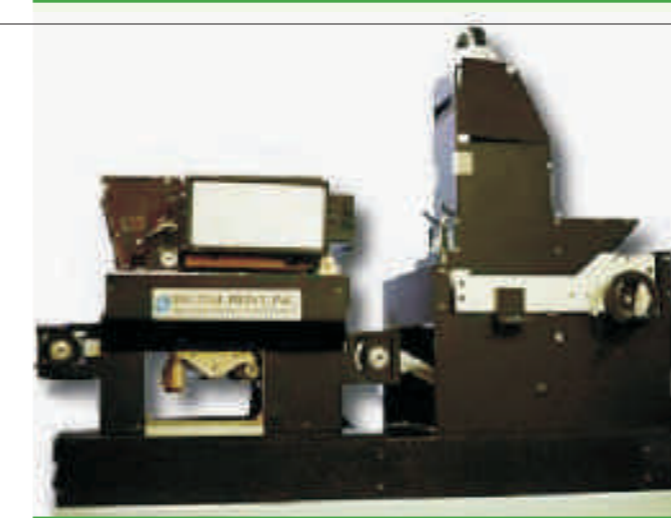
LOW COST

- Get the lowest cost per print for any inkjet.
- Includes software, controller and support
- Use clean, water-based inks.

FLEXIBLE

- Integrate nearly anywhere along your print line with non-contact printing technology

- Print up to 4.25 inches wide, or electronically stitch two heads together for 8.5-inch width.
- Print on both sides of your media with duplex print capabilities.
- Get black or color printing at up to 240 x 240 dpi resolution.
- Pick your substrate - print on most paper and bond stocks, tag stocks, packaging and chemical carbonless paper.



Software & application

Continuous flow technology makes the CIJ 425 and CIJ 850 ideal for long-run, high-volume variable printing applications such as :

- Serialized product identification numbers
- Two-dimensional barcodes such as PDF 417, data matrix, Maxicode and QR code
- Date codes
- Source codes
- Product use or end-user information
- Graphics and logos

THESE CAN BE EASILY USED FOR APPLICATIONS LIKE : TICKETS, GAMING AND PROMOTIONS

- Peel-n-Reveal gaming cards
- Scratch-off gaming cards
- BINGO cards
- Sweepstakes tickets
- Product and skid ID tags and labels

TAGS AND PRODUCT ID

Digital printing is perfect when customers need to track information. Simply add a barcode with the following data to a product tag :

- Inventory
- Source information
- Distribution information
- Lot numbers
- Batch numbers
- Other product or manufacturing information



Sequential barcodes of any symbology, incrementing/decrementing numbers, jumbo numbers, variable text, infrared or UV text, logos or any combination can be added to your products inline or offline with custom integration from DPI.

LABELS AND DIRECT MAIL

Add high-resolution, high-speed personalization to direct mail applications by integrating DPI's variable printing technologies with your press, collator, sheet-fed press, transport or converting equipment.



PRINTHEAD

Printheads, connected to the DT2 print station through an umbilical, utilize continuous inkjet technology to print at a resolution of 240 x 240 dpi.

DH6240 printhead

Physical specifications

Height : 19"(48.26 cm)
 Width : 8" (20.32 cm)
 Depth : 8" (20.32 cm)
 Print width : 4.27" (10.85 cm)

Image speed :

DH6240-1000 model : Up to 1,000 fpm (300 mpm)
 DH6240-500 model : Up to 500 fpm (150 mpm)
 DH6240-300 model : Up to 300 fpm (90 mpm)



UMBILICAL

The DH6240 printhead connects to the print station through an umbilical.

Flexible umbilical

Length : 40 feet (12.19 m)

INK

High reliability IR and non-IR black. Security lottery black Fashion color palette (11 colors). Custom colors. Fluid containers (external)
 Ink: 5.2 gal. (20 liters) 55 gal. (208 liters) drum

PHYSICAL DIMENSIONS

DT2 print station cabinet (with monitor)

Height : 49" (125 cm)
 Width : 23" (58.42 cm)
 Depth : 32.5" (83 cm)
 Weight : 380 lbs. (186.75 kg) without monitor, keyboard and umbilical

System controller/data station cabinet

Height : 40" (102 cm) without monitor
 58" (147 cm) with monitor
 Width : 28.54" (72.49 cm) includes top work surface
 Depth : 36" (91.44 cm) door closed
 57" (144.78 cm) door opened
 Weight : 450 lbs. (202.5 kg)

ENVIRONMENTAL OPERATING RANGES

Temperature : 60°F-85°F (15.5°C-29.4°C)
 Relative humidity : 10%-90%, non-condensing
 Temperature : 86°F-104°F (30°C-40°C)
 Relative humidity : 10%-60%