

DARTJET introduces the DLX family of thermal inkjet print products based on Lexmark technology. The DLX has the convenience and versatility that you've come to expect from thermal inkjet, with a significant boost in performance!

- * 2X Speed for Faster Production Rates**
- * 2X Throw Distance for Sharper Images**
- * 2X Nozzles for Increased Reliability**
- * Broad Ink Portfolio**





SPECIFICATIONS:

GENERAL

Inkjet Technology	- Thermal drop-on-demand
Print Controller	- Integrated in Print Head Module
Print Height	- 0.5", 1.0", 1.5", 2.0" per head - Up to 16 heads per print system
Print Resolution	- Configurable to 600 x 600 dpi
Firing Mode	- Binary
Drop Volume	- 24 pL
Max Transport Speed	- 600x600 dpi @ 40 ips (61 m/min) - 600x300 dpi @ 80 ips (122 m/min) - Max speeds doubled in Draft Mode
Max Ink Throw Distance	- Up to 6mm
Min Page Spacing	- 0.125"
Ink Source	- Standalone cartridges, bulk-supplied cartridges
Ink Types	- Water-based, solvent-based
Ink Colors	- Black, spot color
Print Orientations	- Print down or horizontally
Print Head Configurations	- Standard and low profile configurations
Cartridge Features	- Two rows of in-line jets (clogged jets less noticeable) - Raised nozzle plate features (protects from head crashes)
Print Head Features	- Off-line printing, automatic pen deactivation, buffers multiple pages, real-time clock for accurate date/time printing
Print Data Types (DARTJET Draw)	- Text, barcodes (70+ types), graphics, variable database fields, auto-numbers, auto-data/time

EXTERNAL I/O

Data Interfaces	- USB 2.0, RS-232 Serial
Power and External Signal Interface	- HD15 connector carries power, encoder, trigger, RS-232
Power Requirement	- 10.8V, 3.0A per cartridge
Encoder Input	- Externally generated from shaft encoder or motor steps - Internally generated by controller (time-based)
Print Trigger Input	- Externally generated - Internally generated by controller (time-based)
Auxiliary Outputs	- 3 outputs per head controllable via software application
LED Feedback	- Power, trigger, ecoder, fault
Software Options (USB Mode)	- DARTJET Draw, FlexSystems FlexMail, customer app. (via DLL)
Software Options (RS-232 Mode)	- Customer application (via serial protocol)