

Hawk 400 V

(Drop-On-Demand)

Inkjet Printing System

The new UV Hawk 400 V Drop-on-demand inkjet system is Delphax's latest printer-on-press solution. Its dual Dimatrix Spectra SG 1024 heads give a full 5.00 inch print width per module. With a native resolution of 400 dpi across the web and operator selectable down the web it is capable of running at 350 fpm (resolution dependent). This extremely flexible system is capable of printing with UV or water based inks which are available in several common colors.

Print Heads

- Using the new Dimatrix's Spectra SG 1024 there are 2,048 jets per 5" print module
- With drop sizes from 17 to 30 pl your print will be nice, sharp, dark and bold.
- Multiple heads can be stitched to provide wider image area.
- 400dpi across the web
400, 300 or 200dpi down the web per operator selection



Pre-press layout software
Uses Winlabel Express - a proven software tool for creating and proofing print jobs and layouts before going to press



High-Speed PC Print Controller System

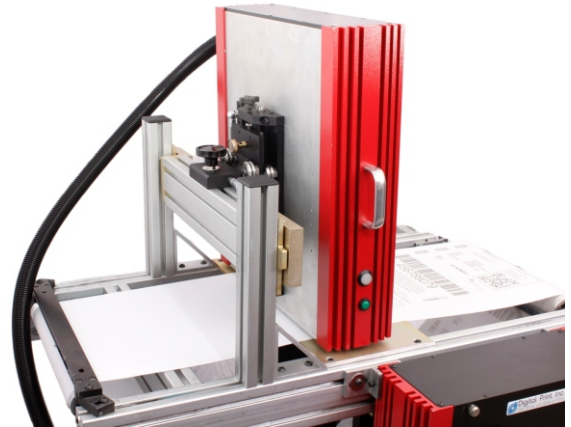
- Master user interface with DPI's Raptor image Processor
- Multiple print-head synchronization system and application software
- Easy loading of jobs and data over your network or USB flash drive



UV Hawk 400 V DOD Inkjet Printing System

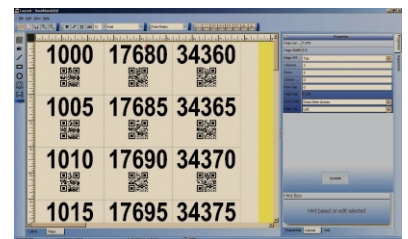
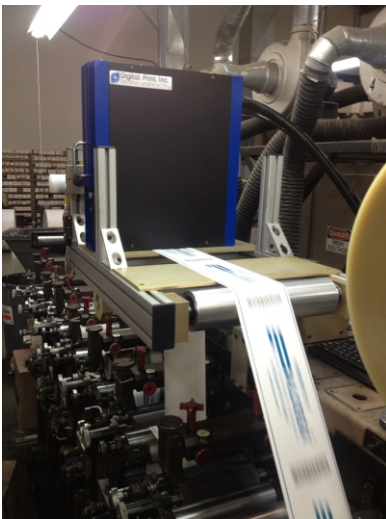
UV Hawk Features and Specifications

- 5" to 10" Print Width Per Module
- Multiple modules can be stitched to provide wider image area
- Prints up to 350 fpm
- UV cure or water based ink available (on site fluid change, water to UV)
- Standard Windows 7 or 8 based PC control system
- New operator friendly layout software
- DPI legacy layout jobs can be used with control system
- Operator replaceable / modular parts
- 4 liter ink supply jug for ultra-long job runs and change on the fly
- Print on coated and non-coated stocks
- Customized software available for unique applications
- Custom mounts available for all narrow web presses
- Mounts available for simplex or duplex applications
- Can be moved between different production lines as workflow and production needs change



UV Hawk Printhead Features and Specifications

- 400 x 400, 400 x 300, & 400 x 200 dpi
- 20-30 picoliter nominal drop size
- 2048 individually addressable jets per module
- Incorporates VersaDrop™ binary and grayscale jetting
- Using Redijet™ technology, the heads continuously recirculate inks through the printhead at the nozzle and refill chamber to increase open time, reduce downtime and improve startup.
- Removable/replaceable coated metal nozzle plate
- Two fluid connections to each module facilitate easy priming, flushing and continuous ink recirculation and connect to an ink supply via Luer fittings.




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Delphax Technologies Inc.
6100 West 110th Street
Bloomington, Minnesota 55438
United States

Tel: +1 952-939-9000
Fax: +1 952-939-1151
E-mail: info@delphax.com

www.delphax.com

Delphax Technologies Limited
Unit 1, Vector Point,
Newton Road, Crawley
West Sussex RH10 9AU
United Kingdom

Tel: +44 (0)1293-592880
Fax: +44 (0)1293-571065
E-mail: infoUK@delphax.com

Delphax Technologies S.A.
8-10 rue du bois Sauvage
91055, Evry cedex
France

Tel: +33 (0) 1-69-36-11-20
Fax: +33 (0) 1-69-36-11-21
E-mail: infoFR@delphax.com

Delphax Technologies Canada Ltd.
5030 Timberlea Blvd.
Mississauga, Ontario L4W2S5
Canada

Tel: +1 905-238-2961
Fax: +1 905-238-3402
E-mail: info@delphax.com