

Customer Solutions



HAGADONE
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Not Just Ink On Paper.

UPDATED MARCH 2005

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CopyDot Scanning

► PRE-PRESS PRESS POST-PRESS MAILING SPECIALTY

Unique to Hawaii, we offer the ability to scan existing pages of film to digital files. The scans are produced using a unique process that exactly replicates the dots in film, duplicating the line screen, rosette patterns, etc. The resulting files can be placed in a layout program, such as QuarkXPress. CopyDot scanning is the ideal solution when a job is in mostly digital form, but one or more pages exist only in film. To avoid the costs associated with manually stripping the page(s), the film can be CopyDot scanned, and the resulting files can be placed in a layout file along with the rest of the digital pages, resulting in a 100% digital job.

CopyDot scanning can also be very helpful if original materials are unavailable and re-creating files digitally is not a desirable option. This can save the expense of re-shooting the photos and re-composing the layout.

CopyDot scanning uses a process that is considerably different from “traditional” contone scanning, and there are a few things you should know:

- CopyDot scans cannot be edited in an image-editing application such as Photoshop.
- CopyDot scans will not print from versions of QuarkXPress earlier than 4.x.
- CopyDot scans must not be rotated, skewed, or resized in a layout program such as QuarkXPress or Adobe InDesign.

Doing so will cause color shifts in the final printed piece.

- CopyDot scans must be output at the specific resolution in which they were scanned. If a scan intended for one resolution is output to a device with a differing resolution, the resulting image may be severely distorted, or may not print at all (a “resolution mismatch” will occur). By default, we scan at a resolution of 2400 ppi, which is the most common resolution for high-resolution output devices such as filmsetters or platesetters (including ours). If the intended output device should require a different resolution scan, you can request that output resolution. Multiple output files with differing resolutions are available at no extra cost. The resolution of each scan is designated as part of its name, i.e.; “Beach_2400.eps”. Note that you do not need a resolution-specific scan to output to your laser printer.

- A CopyDot scan is actually a pre-separated EPS (DCS) file, consisting of one or more color separations, such as Cyan, Magenta, Yellow, and Black. By overlaying and overprinting each of these separations, the image of the original film is faithfully reproduced. Because the separations overprint, however, it is important that no object or background color be underneath the scan, which would show through when output. Be aware that this “show through” will *not* appear on your screen, laser or inkjet output.

- CopyDot scans are more expensive than their traditional counterparts, since multiple colors (films) must be scanned. Your Sales Executive or Sales Assistant can give you pricing information, or feel free to call me directly.