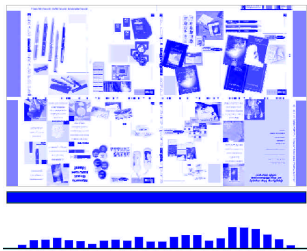


EPG

KeyColor AutoSet

Presetting for the modern pressroom

KeyColor AutoSet software in conjunction with the **KeyColor** Remote Ink Control System enables printers to achieve dramatic reductions in both make-ready time and waste by accurately presetting all ink fountain keys. Make-ready time savings of 30-50% and startup paper waste savings of 10% are typical. **KeyColor AutoSet** converts digital files such as CIP3, BMP, JPG, or TIF to ink zone coverage that is sent to the ink desk via LAN network, serial link, or floppy disk. **KeyColor AutoSet** will accept full plate images or provide imposition of individual pages to provide full plate coverage.



Ink Desk Interface

The press operator selects the job to be preset from the list of available jobs shown on the Ink Desk monitor. The KeyColor system then simultaneously presets all ink keys to the proper settings.

The **KEYCOLOR AutoSet** computer is typically located in the plate room and converts digital information from the image generating hardware to a file that is sent to the Ink Desk over a network connection or floppy disk.

INPUTS

The system can accept images in any of several formats:

- CIP3 files in binary or ASCIIHEX format
 - o Single files for each separation or all files for a page in one file.
- Screen matrix files in BMP, JPG, or TIF format. One file per separation or one RGB file per plate.
- Individual page files with imposition done automatically.
- Files generated by the image generator defining ink coverage per lane per color.
- Direct plate scanner input

PROCESSING

The image is read by the **AutoSet** processor in the plate room and is converted into a file that is available to the **KEYCOLOR** ink desk with a network connection or with a floppy disk.

The job file format used in the standard version of AutoSet contains information designating the web, side, and color for each plate. KeyColor uses this information to route preset data to the proper fountain.

Installations running AutoPage require only page number and color in order to properly route the preset data.

In both approaches, the accuracy of ink key setting is continually improved by automatically monitoring the difference, if any, between preset key settings and "OK sheet" settings.

Because the preset files represent the ink coverage in each key zone, a preset file can be used on any press with the same width key zones. Conversion to key position will reflect the characteristics of each particular press and fountain.

The Ink Desk software also supports unlimited, user defined paper types. The KeyColor Ink Desk will learn to accurately preset the ink keys for each fountain and paper type combination.

There is no single configuration of presetting that fits all applications. We recommend submitting a sample input file to our engineering staff for a specific application analysis.