

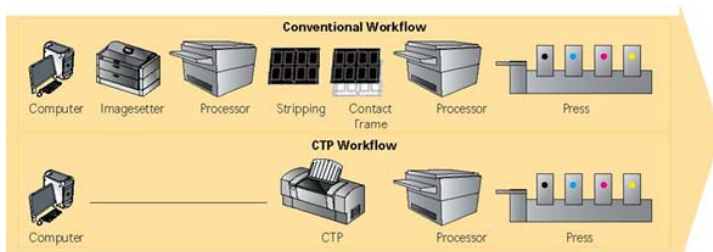


IMAGESETTER TO CTP- WHY NOW?

It's a matter of time until film will no longer be available. Take advantage of changes in Section 179 of the IRS code allowing for full depreciation of equipment this year.

CTP TECHNOLOGY

This diagram shows the difference between the conventional workflow with an imagesetter and the CTP workflow. The CTP workflow is simpler.



Upgrading to CTP technology saves time and money, while improving print quality.

Advantages of CTP

- transfer of film image to plate is omitted
- avoids quality loss from film processing
 - time saving with fewer steps
 - process minimizes defects

Benefits of CTP

- faster production cycles
 - lower printing costs
 - sharper print quality
 - better registration

IMAGESETTING FILM

FUJIFILM recently announced they will no longer be manufacturing film as of November 2016.

Printers using this film will need to locate another supplier or upgrade to CTP.



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HOW BWI CAN HELP

BWI offers turnkey solutions for upgrading to a CTP system.

- new or reconditioned CTP units
- Xitron Harlequin RIPs and workflows
 - thermal plate processors
- plate stackers and accessories
 - thermal plates
 - chemistries for plates
- installation and training

Benefits of CTP

Faster Production Cycles

– CTP eliminates some of the steps required to make a plate during the production cycle. In your conventional CTF process, it takes five steps to make your plate for the press. During the CTP process, four steps are eliminated, which reduces the time required to get the plates to press, and getting the job to you more quickly.

Lower Printing Costs

– CTP eliminates the need for film by imaging directly from the computer (where your job resides) to the printing plates (on the CTP). This shortens the production cycle, which saves on material costs – this saves you money!

Sharper Print Quality

– CTP eliminates dot gain during the prepress process, which allows the printing press to print cleaner, crisper images. This results in the press having more capacity for printing higher ink densities for richer, better saturated colors.

Better Registration

– CTP no longer uses film negatives or positives, instead they use an aluminum substrate that is very resistant to changes in temperature and humidity. This media is held in a precise position during imaging and does not rely on a separately-aligned pin grid as is the case with CTF.

Advantages of CTP

- Using CTP avoids losses in quality that occur during the film processing – such as scratching and variations in the exposure.
- Plates are produced in less time than it takes using the conventional CTF process.
- Plates are more consistent, and longer-wearing.
- Plates and corresponding chemistries are lower cost than film and its developers.
- CTP can improve image-to-edge repeatability over the conventional process.

SAVE TIME AND MONEY BY SWITCHING TO CTP!!



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