

CIP3 InkZone to Print



Innovation & Reliability

CIP3 InkZone to print workflow

An alternative to plate scanners

In many printing houses, preset values for ink zones are still generated using plate scanners. Apart from the laborious handling of the printing plates, the scanning of plates will also result in a relatively imprecise ink profile due to weak contrast between the aluminum and ink bearing layer, while subsequent precise adjustment of the zones costs time and paper. Though the online transfer of bitmap.les, on the one hand a work intensive detour via the plate scanner is eliminated, while on the other, InkZone will always refer back to the first generation data. That means: shorter set-up times and minimum start-up waste. In view of shrinking print runs and frequent job changes, this means a significant increase in productivity.

Face and back printing with CIP3 duplex

In their CIP3 option, some printing machine suppliers only support ink zone presetting for single-side jobs. The setting of ink zones for recto/verso printing is not possible. Screen CIP3 Duplex has closed this gap. This InkZone Box option enables the assignment of presetting values for a specific job to the separate printing units, as required and regardless of production type.



Digital presetting of the ink zone

InkZone extends Screen Trueflow to the printing machine. Now, Trueflow data calculated for imaging can be simultaneously used for presetting the ink zones on the printing machine. InkZone can work with all popular printing machine types. Existing offset machines without digitally preset ink zones can be upgraded with InkZone simply and economically.

More productivity, greater efficiency

Data calculated for film and plate imaging provide the printer with reliable information for digitally presetting the ink zones. Numerous advantages are the result, which go to boost the productivity and quality of the printing process: much quicker attainment of the correct ink feed, shorter start-up times, drastic savings in waste and 100% reproducibility with repeat orders, because the same digital data are referenced all the time.

InkZone Box

InkZone files are input into the InkZone Box via Ethernet. After release of the required job via touchscreen, the files are written to the printing machine data carrier in the required format (e.g. Heidelberg's Chipcard; MAN Roland's Jobcard; KBA floppy, etc.).



InkZone Box is the heart of InkZone



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