



InkZoneLoop & InkZonePerfect

Pre Installation Check List

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Identifier	Pre Installation manual - EN
Target group	Pre sales and engineer
Product	InkZoneLoop / InkzonePerfect
Version	V1.8
Article code	InkZoneLoop HB04-024 EN

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1 Checklist

1.1 Hardware Specification for Inkzone Computer at Press Console

- CPU Intel i5, i7 min. 2 GHz
(don't use i3, Centrino or ATOM CPUs!)
- RAM memory min. 8 GB
- SSD disk with min. 500GB
- 2x Ethernet cards 10/100/1000 MBit
- For installation with X-Rite Intellitrac add another network card when connecting to Heidelberg PressCenter or CP2000
- 19" monitor or larger
touch screen is highly recommended!
- Monitor resolution has to be minimum 1024 x 1280, higher is better
(smaller resolution results in cropped applications GUI)
for InkZoneReport the recommended resolution is 1920 x 1080
- min. 6x USB interfaces
- for remote web support make sure to connect the PC to the internet. For support Teamviewer is used
- Windows 10 64 Bit

1.2 Workflow InkzonePerfect - InkzoneLoop

InkzonePerfect is used to ink preset the press. It connects to the prepress Workflow. It receives its data from the DI-Plot software and set the parameter in the InkzoneLoop system.

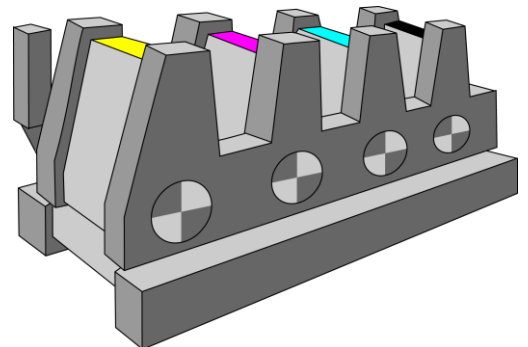
InkZonePerfect - Loop HB04-022 EN



JDF/XML data is created out of CIP3 or 1-Bit TIFF Bitmap data



Inkzone uses the JDF/XML data to ink preset the press



Press is controlled by Inkzone

1.3 Preparation at the Press Console

- 5 free electrical outlets (1x PC, 1x Monitor, 1x InkZone HW Emulator), 1x Densi/Spectro Instrument Scanner, 1x Mini Ethernet Switch (used for ITX only), 1x Laptop instructor)
- Ethernet connection to prepress department
- Ethernet cross over cable. Connects the PC second Ethernet card to the Inkzone HW Emulator (IZCard, IZStrip, IZEFloppy).
- Important
a Ethernet connection to a InkZone hardware module can not run on the same Ethernet interface which connects to prepress



Alternatively, add a mini 4 or 8 port Ethernet Switch when using the X-Rite instruments ITX or ETX

1.4 Colorbar on the Press Sheet

- it's mandatory to have exactly one (more is okay but not less) solid patch for each separation/color per ink key
- it's no problem to have any other additional patch (dot gain, slur, grey balance etc) in the control bar
- respect the minimum patch size recommendation from the manufacture. The patch size in scan direction needs to fit to the specification to the measurement device.
Note: a smaller patch size makes the measuring process more sensitive and slower
- do never scale a colorbar
- X-Rite needs at least 1mm white space around the full colorbar
- avoid cutting, folding or register marks in the colorbar! This will disturb the measurement process and leads in extreme cases to wrong

data reading therefore wrong regulation

- place minimum one paper white patch in the control bar. The SW needs the paper information for a proper calculation and the reporting module (ISO 12647)

1.5 Printing specification – Target values LAB or Density

Verify if the target densities are known. Is the company printing according the ISO / GRACOL etc specification?

1.6 Operator in Charge

Organize a training session for one employee to qualify him as a “super user”. This training session provides additional information on the configuration and the setup of the system.