

IPA reduced / IPA free printing

WHY & HOW?

WHY?

- **For health reasons**
- **For a better environment**
- **For safety reasons**
- **To reduce IPA costs (oil)**
- **To reduce ink**
- **If no IPA is used, fire insurance might be cheaper.**

HOW? **STEP BY STEP**

- **ALL must be informed, prepared and determined.**
- **From 10 % IPA to.....**
- **Supplier Support**
- **Machine check**
- **Choose the best products.**

STEP BY STEP

- **Start clean**
- **Good cleaning**
- **Change filters**
- **Check dose**



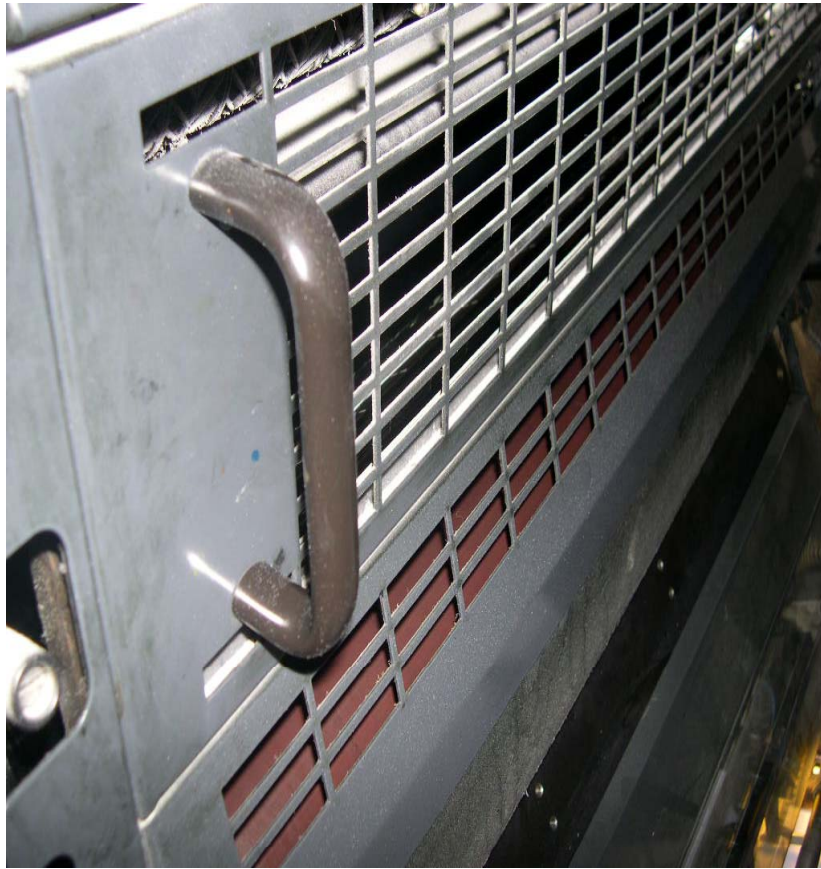
STEP BY STEP



- Start from the basics
- Maintain Water quality
- Daily Checks



STEP BY STEP



- **Change Damp rollers**
- **Correct adjustments**
- **Correct cleaning of rollers**
- **Keep water tanks clean**

STEP BY STEP

- **New start**
- **Resist the temptation of IPA**
- **In case of problems, check the basics**



PROBLEMS



- Ink / Water instabilities
- Densities changes
- Water get dirty in a short while
- Crowning on metering roller (half crown or no crown)

Preventive maintenance

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PRINTSHOP MANAGER

We have got everyone together and informed, motivated search the best products, and asked for good technical support. Problems; we always went back to the basic settings. We have put a lot in prevent maintenance, that have paid back in a more stable production. For example we change the water fountain ones per week in the Technotrans and also change the filters every week. Because of the good quality of the ink rollers and our maintenance we have achieve a lifetime between 85 till 100 Mln copies. We only change set wise, and have save a lot on production time. We had have good results with the WEROAQUA, but have change over to WERODAMP LT the new LotoTec roller and have improved also here the lifetime, and water transport and cleaning time.

