

loop.40

Dampening solution cleaning in commercial web offset printing



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Advantages at a Glance:

- Increased productivity –
Decreased operating costs
- Reduced maintenance and
cleaning costs
- Less downtime
- Marginal deposits
- No consumables
- Easy to operate
- Fast and easy retrofit



„Yield“ from a 16 page jobbing roll approximately 1.5 kg after 24 hours.

Our loop.40 offers the customer a compact, user-friendly solution.

Without consumables and without affecting the printing process, loop.40 applies centrifugal forces to clean the dampening solution.



changing and cleaning the contaminant container.

Dampening solution cleaning

In commercial web offset printing, more and more often, customers provide their own paper on which to print. This requires the highest degree of attention from the printer and raises the question: How does the material interact with the machine? Filler media, fibres, paper coating, and the ink itself contaminate the dampening solution circuit and even clog heat exchangers. These minute particles accumulate and form sludge.

Pollutants and sludge collect at the rim of the change container, that can be emptied manually at pre-defined intervals. The cleaned dampening solution will be collected in the bypass and the loop.40 will return the solution to the circuit. The unit can also be handled also while the printing machine is in operation.

Depending on the format of the order and the paper used, up to 1.5 kg of solid dirt is separated inside the centrifuge within 24 hours and therefore dirt does not enter the dampening pans. This considerably reduces the necessity for cleaning and minimises the danger associated with deposits inside the heat exchangers — overall, the safety of the process is considerably stabilised.