

spinclean.d auto

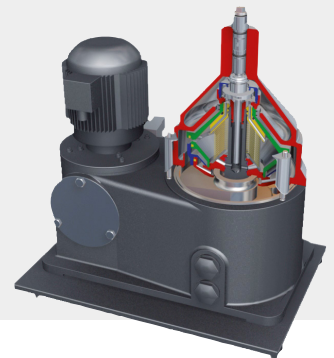
Dampening solution cleaning system



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Advantages at a glance:

- efficient and continuous bypass cleaning keeps the dampening solution clean and reduces maintenance costs
- elimination of filter material reduces operating costs
- clean dampening solution circuit increases machine availability and improve print quality
- high throughput capacity, ideal for large volume of contaminants
- no consumables required due to centrifugal force



The centrifuge separates dirt load in the dampening solution with a centrifugal force of more than 5000g.

Separation by centrifugal force high cleaning effect without consumables simple, clean, automatic

Dampening solution cleaning system

Dampening solution is subject to massive contamination, especially in heatset web offset printing applications. Solid paper parts and small oil deposits adversely affect the entire dampening solution circuit and negatively influence the printing process. Productivity and process stability suffer notably as a result. Filtration with consumables such as filter bags, often have a limited cleaning effect and lead to increased running costs.

With spinclean.d printing companies use an innovative and unique solution without filters or other consumables.

The mix of dampening solution and contaminants from the return flow of the press is collected in an intermediate tank.

Here the difference in density between water, as the main component, and the contaminants, consisting of oil sludge and solids, is used for an initial separation process.

The dampening solution that has been retrieved in this step is then fed back to circulation. At the same time contaminants floating on the surface of the intermediate tank are skimmed off and fed directly to the spinclean.d. Here the centrifugal force provides an ideal cleaning process.

The separated contaminants are periodically discharged from the separator into a sedimentation tank.