



# Performance Filtration

Fountain solution system

## Dampening Systems



**BALDWIN**<sup>®</sup>

# Performance Filtration

Fewer problems – Lower costs

*The fountain solution system in the Performance series is ideally suited for online filtration of the process water used in circulating systems. During the filtration process, the fountain solution is freed from substances such as pigments, aromas, pulp and filling materials. When found in the fountain solution, these substances can seriously disrupt the printing process.*

## Operating principles:

The fountain solution filtration system is connected to the fountain solution system as a bypass unit. Because of its operating principle, the filter change takes place independently from the process water circulation. The magnetic centrifugal pump guarantees the continuous flow (circulation) through the filtration system and the return flow to the fountain solution system. Following the filtration through various filter materials, the decontaminated water is pumped back into fountain solution system. During the filtration process, substances that could disrupt the printing process are removed. Fountain solution additives and IPA remain in the fountain solution, however.

## Practical benefits:

- Fountain solution with a more stable PH level and conductivity
- Reduced consumption of IPA
- Reduced consumption of fountain solution additives (leading to substantially longer fountain-solution service life)
- Clean fountain solution
- Less time required to clean the circulating system
- Filter replacement is independent of process water circulation
- Higher productivity of the printing machine

## Baldwin Performance Filter system

Complete system incl. 5-pack of replacement filters

- For voltages: 230 V, 400 V, 110 V, 200 V - 50 or 60 Hz
- Cabinet installation upon request
- Different filter sizes adapted to the respective printing machine

*For more information about technical specifications, connection data and client installation requirements, please refer to the separate technical leaflet. Specifications are subject to change without notice.*

