



# PRODUCT CATALOGUE

# RECIRCULATION

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*Environmental solution for  
All FW- & SL-units*



**FLEXO WASH**  
Leading Cleaning Solutions

# REUSE YOUR RINSE WATER

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## LOW IMPACT ON ENVIRONMENT

Sustainability has always been a part of the Flexo Wash way of designing our products. However, in 2019 we made the commitment to ensure that our products would have a low impact on environment as part of our new mission and set of values for the company going forward.

It is important for us to contribute to a greener and healthier printing industry without compromising the cleaning quality.

## ENVIRONMENTAL SOLUTIONS

In addition to built-in upgrades we have a line of environmental solutions which can be combined with the different Flexo Wash cleaning units to reduce the water and/or liquid consumption.

For reuse of water the Recirculation unit will reduce water consumption.

## REDUCE WATER CONSUMPTION

The FW Recirculation System is designed for reuse of the rinse water in a closed loop system. The system is controlled by a number of sensors constantly measuring the pH and liquid levels. The process runs independent of the washing unit.

The process of the Recirculation unit will ensure that the rinse water can be reused in the FW cleaning unit, reducing the amount of wastewater to a minimum. In this way you will still have a high-quality cleaning.

## RECIRCULATION BENEFITS

- Secures high-quality cleaning with reused water
- Reuse rinse water and reduce water consumption significantly
- Fully automatic and environmentally friendly



# HOW DOES IT WORK?

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## STEP 1

The rinse water runs from the Anilox Cleaner to the Mixing Tank where the pH of the rinse water is automatically adjusted by adding droplets of phosphor acid.

The pH regulation is preset to pH 7.2. in this step and remains of high pH from the system is removed and the working enviroment is improved.

## STEP 2

A small amount of silicon free anti foam is added automatically.

This ensures good rinsing and drying of the anilox when the water is resued.

## STEP 3

The pH neutral water is passed through a high-performance filter, removing almost all solids and dried ink that has been removed from the anilox during the washing and rinsing process.

## STEP 4

The treated water is pumped to a holding tank of 180 liter ready for reuse.