



PRODUCT CATALOGUE

SEDIMENTATION

*Environmental solution for
MCC-series & all standard PK-units*



FLEXO WASH
Leading Cleaning Solutions

REDUCE LIQUID CONSUMPTION

LOW IMPACT ON ENVIRONMENT

Sustainability has always been a big 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.

REUSE OF LIQUID

The Flexo Wash Sedimentation systems are designed to separate ink residues from the cleaning liquid, thus making it possible to reuse the liquid and prolong its lifetime.

The process of the two Sedimentation tanks is different depending on which Flexo Wash cleaning unit it will be connected to.

SEDIMENTATION BENEFITS

- Reduce liquid consumption by approx. 50 % depending on ink saturation.
- Leaves fluid sludge waste
- Easy handling for filling and emptying



Fluid sludge waste

SEDIMENTATION TANK 50 L:

For washing units with smaller tank, as our Narrow Web Parts Washers. The tank runs after a continuous process.



SEDIMENTATION TANK 370 L / 510 L:

For washing units with larger tank, as the big Parts Washers or the Multi Cylinder Cleaner. These tanks run after a batch process.



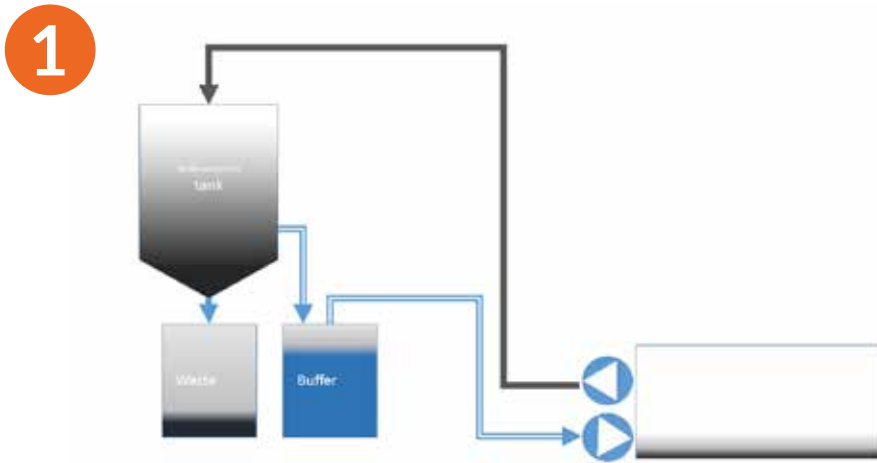
SEDIMENTATION TANKS 370 L. / 510 L.

BATCH PROCESS

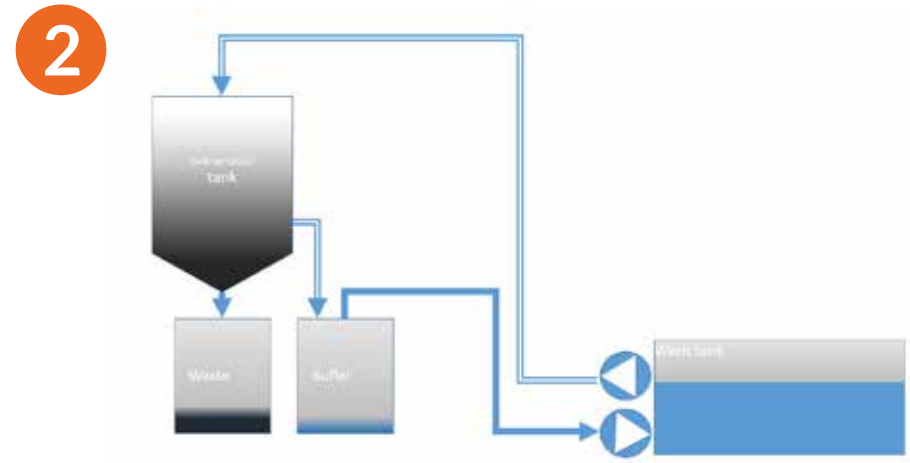
- The process is fully integrated with the emptying and filling pump system on the washing unit.
- With the batch process the liquid is being separated with the ink particles. The ink particles are settling at the bottom of the tank and slowly flows through the tank as waste sludge.
- The clean liquid will remain at the top of the tank. With the batch process the liquid is being sedimented and the usability of the liquid is being extended.
- The batch process makes it possible to reuse the liquid up to 50%. The concentrated liquid waste must be replaced by new liquid.



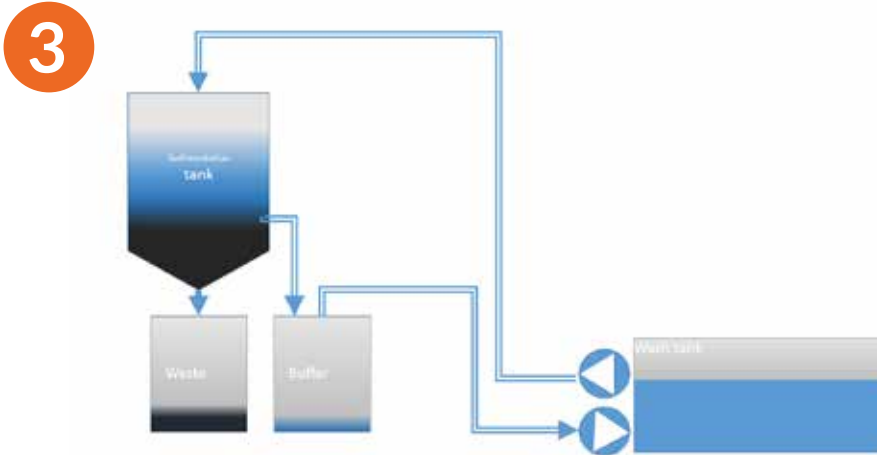
OPERATION DESCRIPTION - BATCH



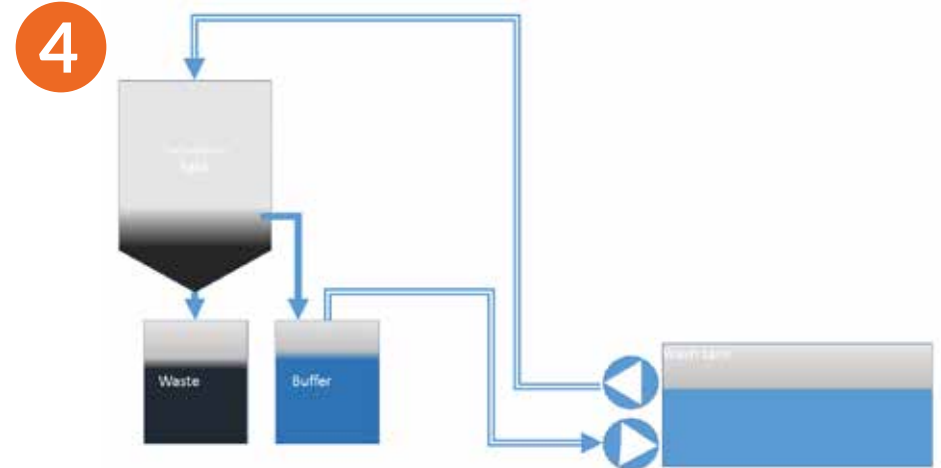
EMPTY WASH TANK



WASH TANK IS FILLED FROM BUFFER



SEDIMENTATION PROCESS 24-48 HOURS



DRAIN TANK

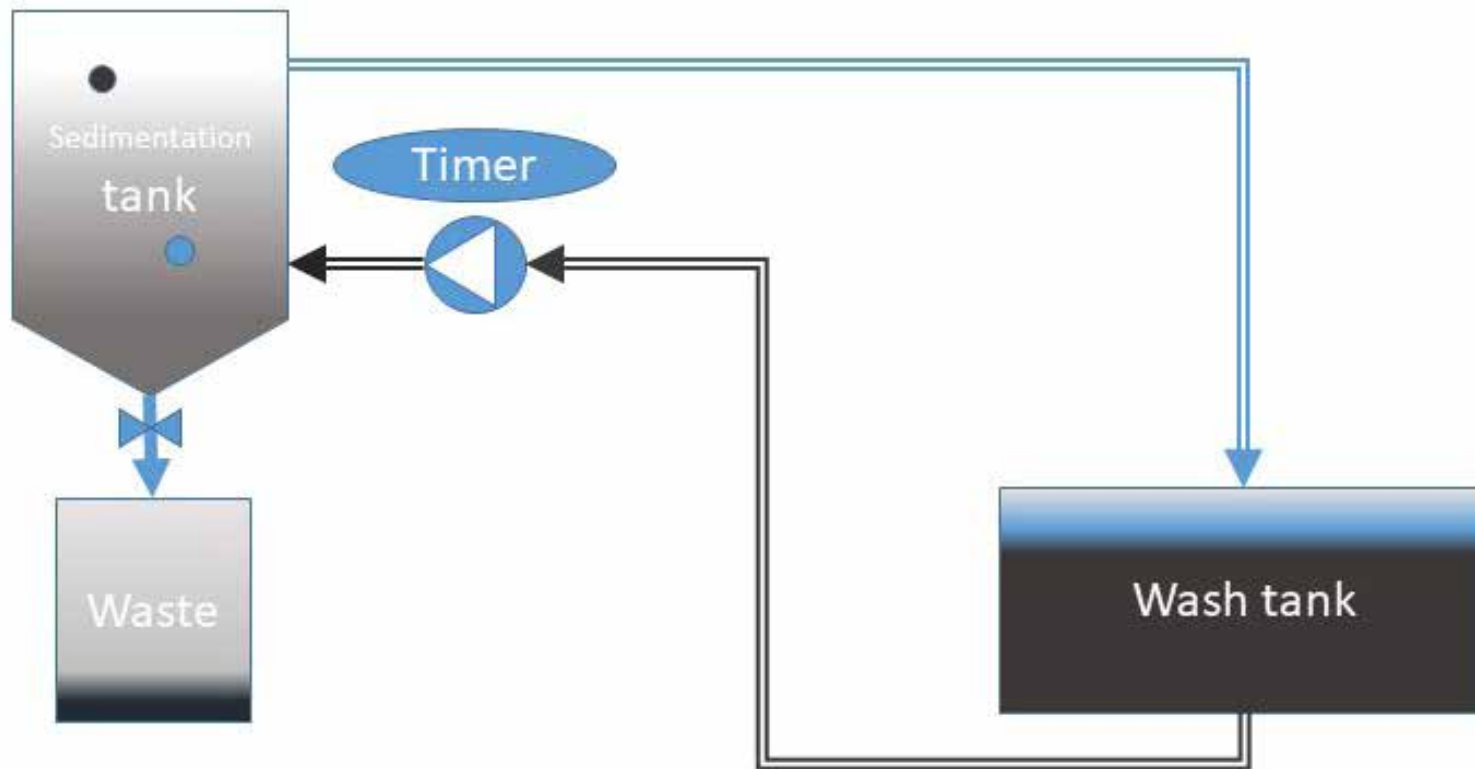
SEDIMENTATION TANK 50 L.

CONTINUOUS PROCESS

- The entire process runs automatically by a timer. The tank only has to be connected to the machine and then press START.
- The continuous process has the same work process as the batch process. The difference between the two tanks is the continuous process do not have any waiting time. Therefore, the process has a faster flow.
- The continuous process runs every 10-20 minutes and has a pump action for 30 seconds.
- Tank inspection approx. every 2 weeks
- The tank can hold approx. 25 kg of sludge.



OPERATION DESCRIPTION - CONTINUOUS



CLOSED LOOP SYSTEM CONTROLLED BY TIMER