

# Parts Washing

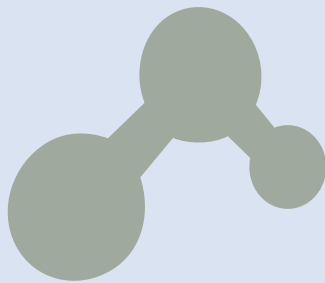
Label Industry

**FLEXO WASH**  
Leading Cleaning Solutions

# Sustainable cleaning solutions

## Liquids for all needs

The Flexo Wash cleaning systems are built to clean with sustainable cleaning solutions and to consume as little cleaning liquid as possible. In all our machines the liquid is always filtrated and recirculated to be reused. The Flexo Wash solutions are of high durability and formulated for easy handling, trouble-free operation, and long service intervals. This makes sustainable cleaning liquids an affordable alternative to solvents, thus providing a safer cleaning of press parts and a cleaner environment. The solutions are developed to meet today's demands of high print quality and productivity. This is only possible to obtain if you make sure that your aniloxes, printing plates, and other press parts are kept clean.



Automatic cleaning equipment is only as good as the liquid you use, which is why we do not compromise the quality, durability, and sustainability of our cleaning liquids. You need to use the right cleaning liquid, for the specific type of ink, in your cleaning machine to get the optimal cleaning results.

### Own consumables brand

Our own Flexo Wash consumables brand CleanSolution offers many types of liquid that all solve specific or the same problems. Additionally, we offer filters, brushes, sponges, and manual cleaning equipment.

### Our experts guide you towards better cleaning

We are always ready to guide you towards better and more efficient cleaning of your aniloxes, plates, parts, screens etc.

Our experts are ready to guide

you to the right liquids for you based on your specific combination of inks or varnishes. We can develop a test report, which specifies different cleaning results from our test lab using different liquids to clean your inks.

Each ink type or combination of several inks requires a different specialized cleaning liquid. Here you will find our recommended products to clean each different type of ink.

However, we always recommend you to contact us for an in-depth evaluation of your specific needs. We can provide the liquid that works best with our cleaning systems, but we also provide cleaning liquids for all other cleaning machine brands.

### We work together with you

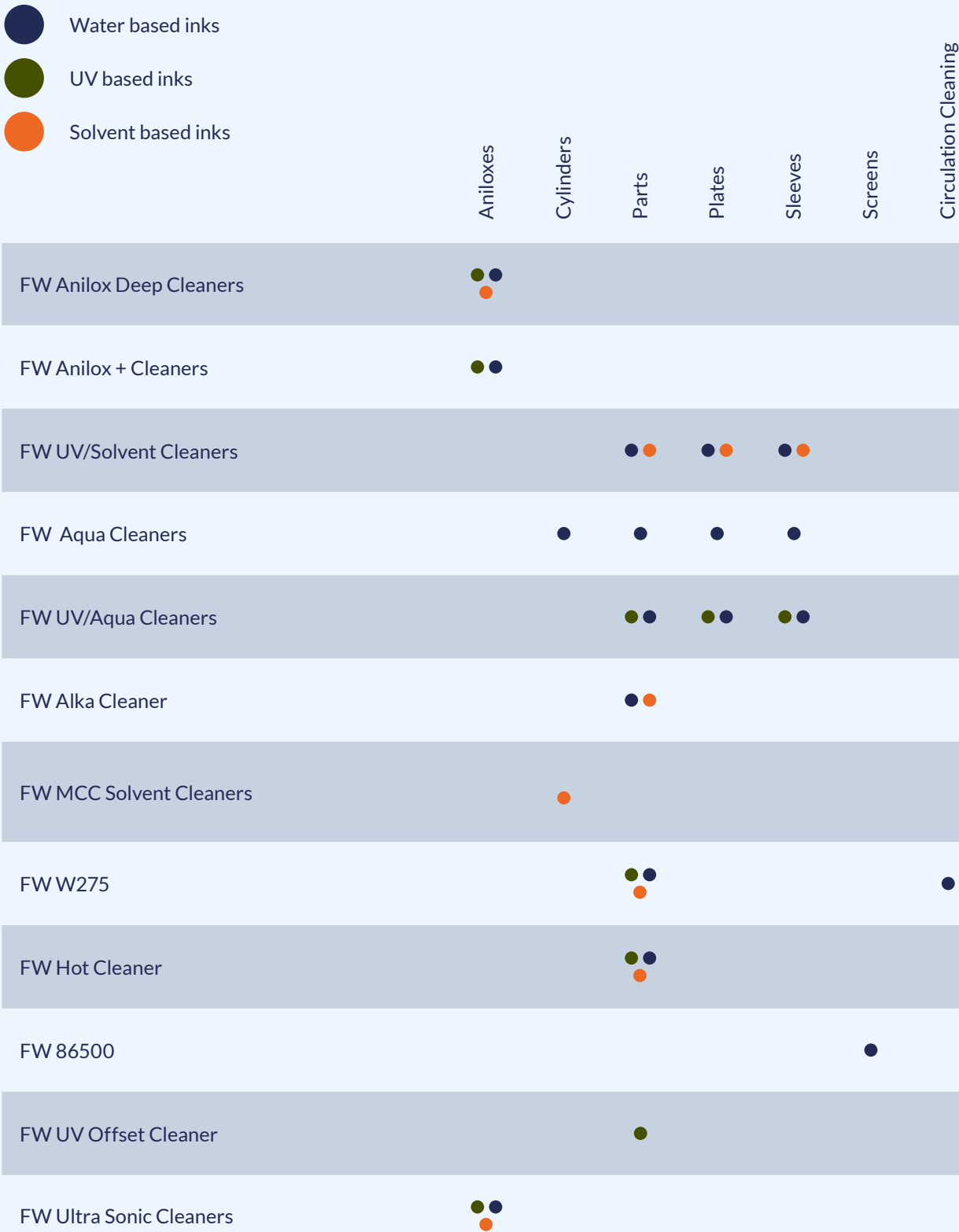
Flexo Wash provides you with easy ordering or re-ordering of liquids,

reliable on time delivery, and experts and service people always ready to guide or problem solve any issues that may occur.

### Eco-friendly cleaning solutions

Flexo Wash continues to develop cleaning solutions with the focus on minimizing the environmental impact and you will find both low VOC and VOC-free cleaning solutions in the Flexo Wash product portfolio as well as food packaging compliant solutions certified by ISEGA.

Furthermore, Flexo Wash also offers cleaning solutions with a low COD (chemical oxygen demand), which reduces the oxygen demand in the wastewater.

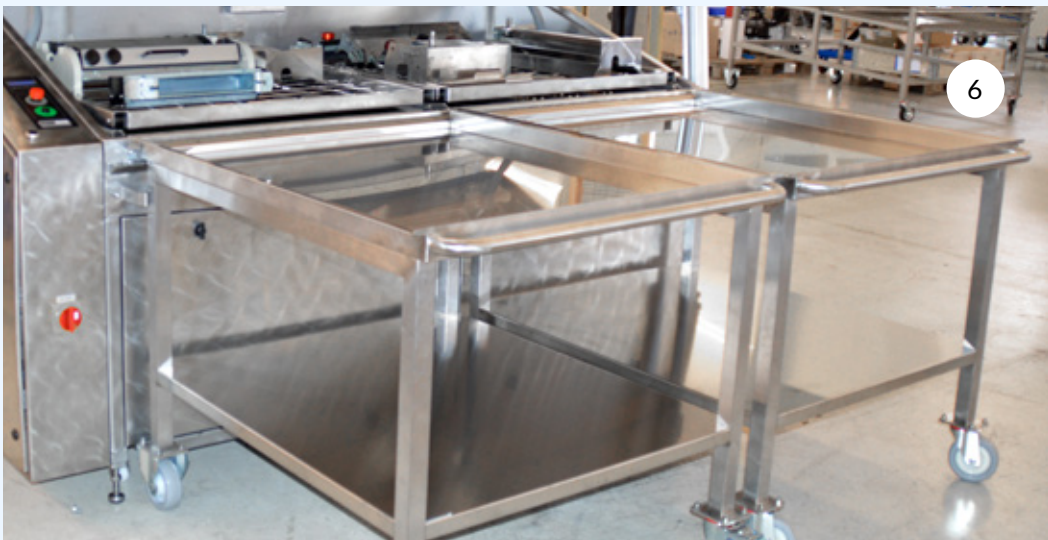
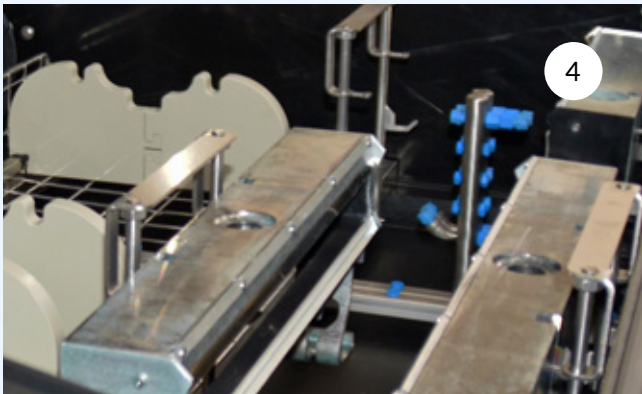
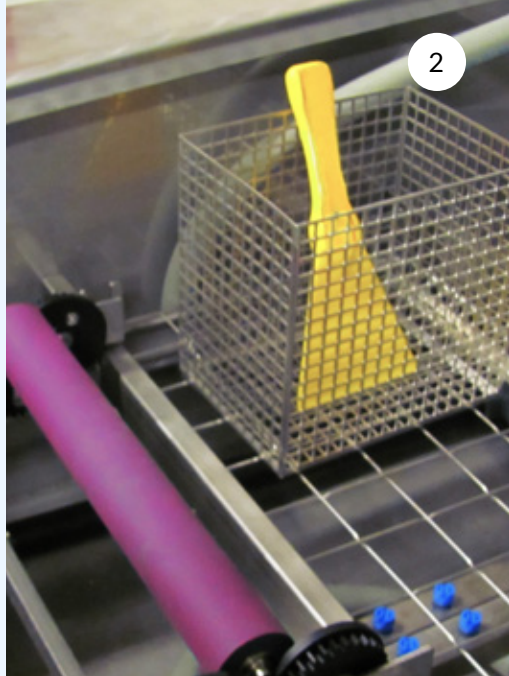




# Parts Washing

## How does it work?

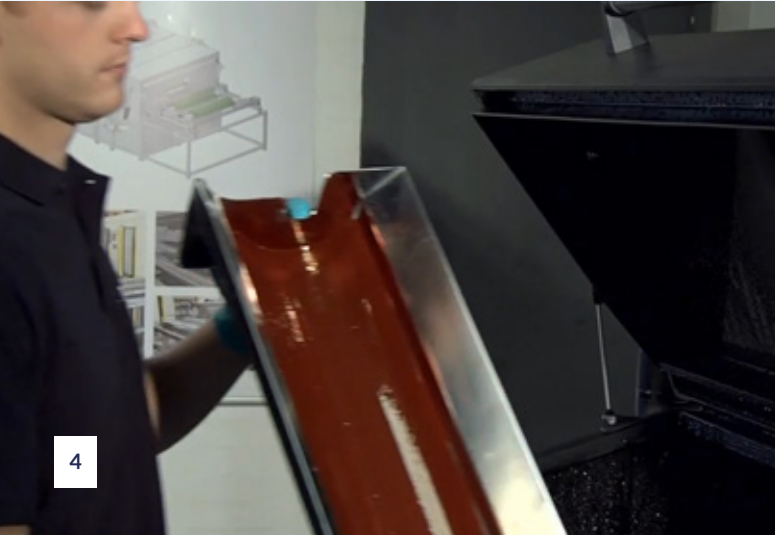
The fully automatic washing solutions are designed to wash ink trays, doctor blades, buckets and other removable press parts used with water-based ink, solvent-based ink or UV ink. The quick and easy wash operation allows press operators to focus on press make-ready functions, thus reducing the changeover time and the labour involved with manual washing. This results in reduced downtime, consistent print quality and a safe and healthy cleaning and working environment.



1. The wash room area can be completely custombuilt after your specific parts and needs.
2. Small parts can be placed in a basket and rubber rolls can be placed in designated holders.
3. The slide-in grid ensures easy transport and handling of the parts.
4. Chamber holder made for this specific type of chamber can be placed on the grid.
5. The parts are cleaned by the moving spray arm with high-pressure nozzles.
6. The PK TrolleyLoad with two trolleys also comes with 1 or even 3 trolleys according to your needs and parts.
7. The process indicator lamp lights green when the cleaning cycle is in progress.
8. A rotating nozzle can be placed below the flat grid to clean buckets.

Before

After



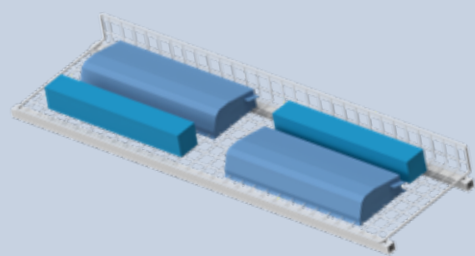


# Parts Washing

Custom-built to fit your needs

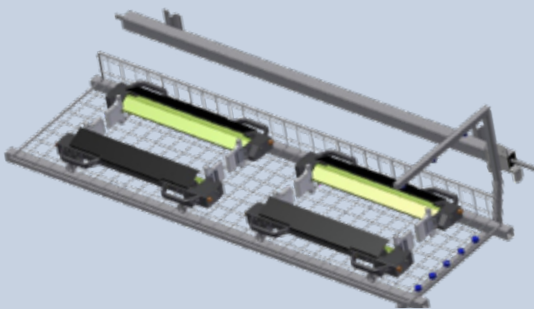
Below you will find different layouts of the many parts loading possibilities in our narrow web Parts Washers. Some configurations may require additional options. For illustration purpose only.

## PK ECO Midi



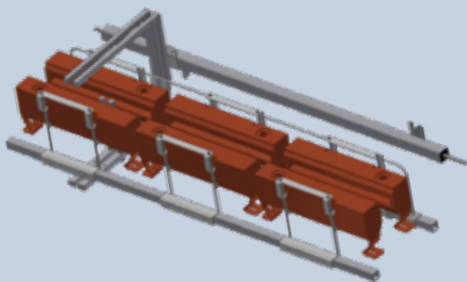
**Mark Andy P7**

2 doctor blade chambers &  
2 chambers



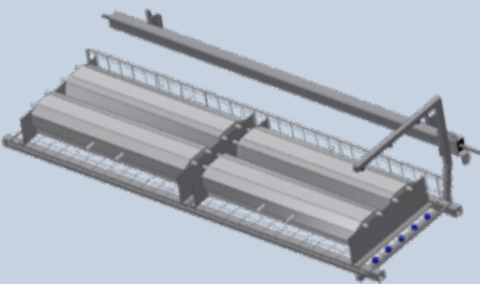
**MPS 410 EF**

4 doctor blade chambers



**Gallus EM 410**

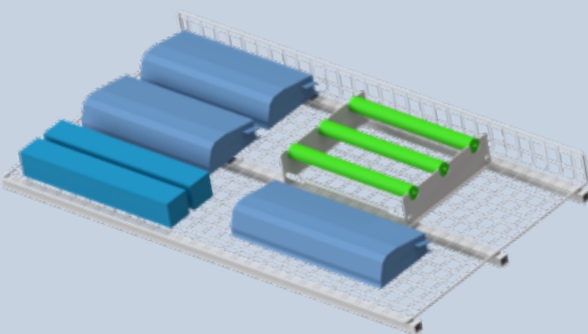
6 chambers



**Nilpeter FA 6**

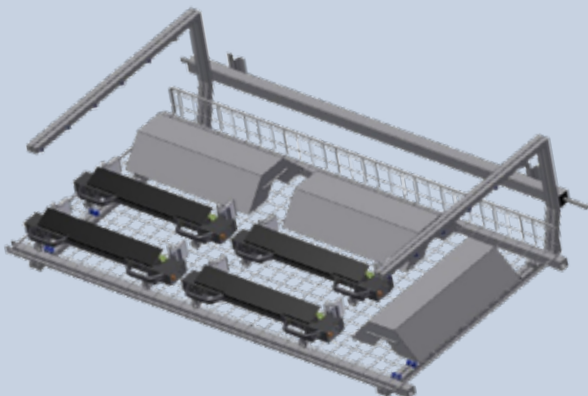
4 chambers

## PK ECO Maxi



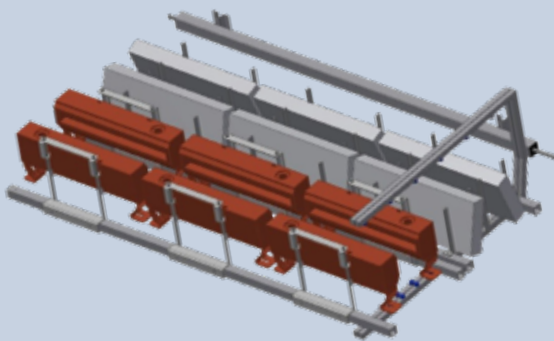
**Mark Andy P7**

2 doctor blade chambers, 3 rubber rolls & 3 chambers



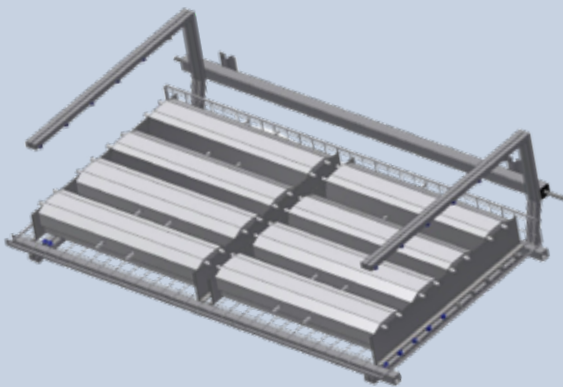
**MPS 410 EF**

3 ink trays & 4 doctor blade chambers



**Gallus EM 410**

6 ink trays & 6 chambers



**Nilpeter FA 6**

8 chambers

# Parts Washing

## Which machine should I choose?

We supply parts washing equipment in all sizes for all segments of the labels industry. The Flexo Wash Parts Washers come in many different models which each can be modified by combining the standard unit with one or more of the various options.



### PK ECO

Our cost-efficient PK ECO models have been developed to serve a broad part of the label industry. The PK ECO-product line are fully automatic units designed to clean all kinds of parts. The machines are controlled by a microprocessor, where it is easy to set the different programs such as wash time.

### PK TopLoad

If your needs require a larger wash area than the PK ECO-series can provide, a PK TopLoad is your top choice. The stainless-steel units also come with a custom-built wash area solution. The PK TopLoads comes either with a fixed or slide-in grid.

### PK TrolleyLoad

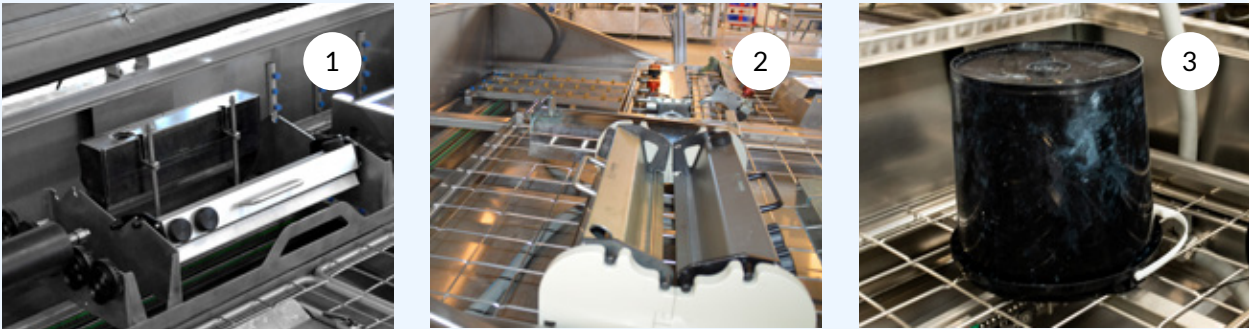
The PK TrolleyLoad provides with its trolleys easy handling of your press parts. Simply place the press parts on the trolley at the press. Drive the trolley to the washing machine and push the grid into the machine. It is possible to wash doctor blade chambers, ink trays and other removable press parts. This stainless-steel unit also comes with a custom-built wash area solution.

	Wash area (LxWxH)
PK ECO Midi	1400 x 415 x 275 mm (55.1" x 16.3" x 10.8")
PK ECO Maxi	1400 x 765 x 275 mm (55.1" x 30.1" x 10.8")
PK 160 TopLoad*	1450 x 900 x 250 mm (57" x 35.4" x 9.8")
PK 200 TopLoad*	1850 x 900 x 250 mm (73" x 35.4" x 9.8")
PK 200 TrolleyLoad	Wash are per trolley: <b>1 large trolley:</b> 1750 x 900 x 250 mm (69" x 35.4" x 9.8")  <b>2 medium trolleys</b> 800 x 900 x 250 mm (31.5" x 35.4" x 9.8")  <b>3 small trolleys</b> 500 x 900 x 250 mm (19.7" x 35.4" x 9.8")

*\* Both models come with either a slide-in grid for easier handling or one flat fixed grid for even more wash area space.*

### Options and Accessories

- Flexible jets to focus spray on difficult to clean items.
- Racks for ink trays, rolls and doctor blades.
- Automatic lid operation.
- Chamber holders
- Bucket wash



1:Chamber holder for Gallus chambers, 2: Chamber holder for Nilpeter chamber, 3: Rotating nozzles can be placed on the grid for cleaning of buckets.

# Filtration Unit

## Reduce liquid consumption

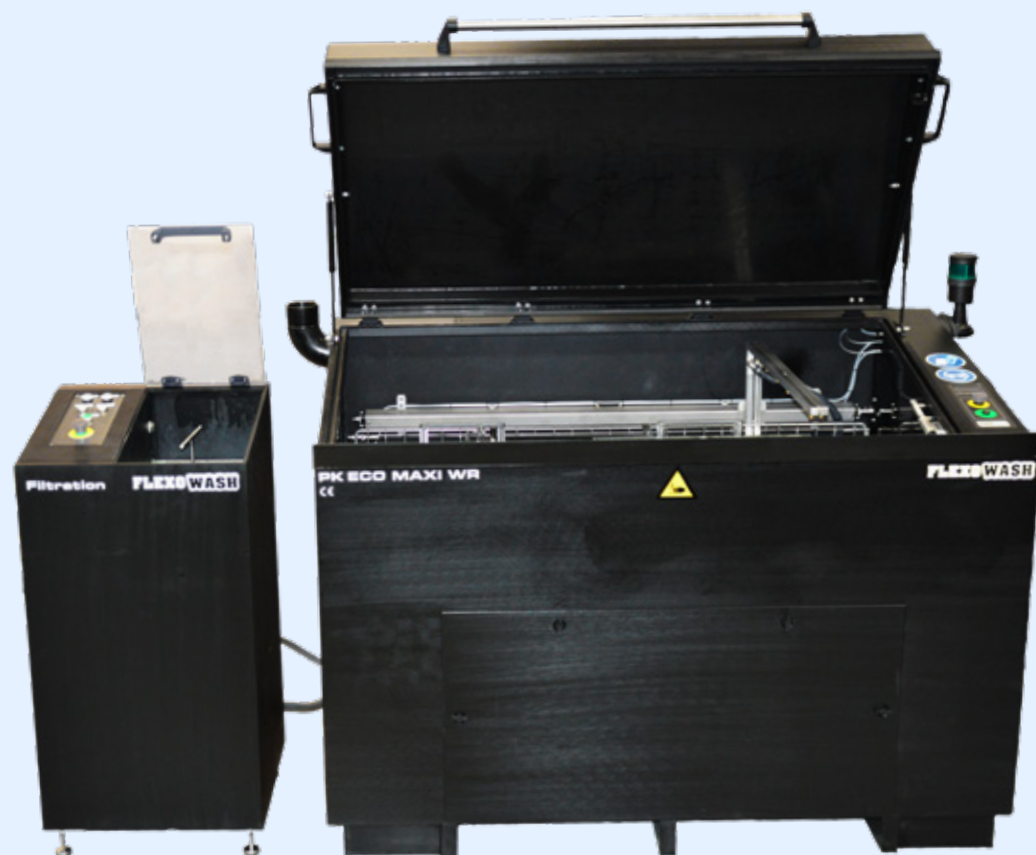
Our Filtration Unit will prolong the lifetime of the liquid. It is designed to separate ink residues from the cleaning liquid, thus making it possible to reuse the liquid and prolong its lifetime.

The Filtration system can easily be connected to the Flexo Wash Parts, Screen & Plate Washers. Press automatic on the Filtration System and liquid from the wash tank will automatically be pumped into the Filtration Unit.

### Filtration benefits

The FW Filtration unit is designed for reuse of the liquid. The process runs independent of the washing unit.

The process of the Filtration unit will ensure that the liquid can be reused in the FW cleaning machine, reducing the amount of liquid waste to a minimum and halve the cost of removing ink waste.



### Filtration Unit

- Fully automatic and reduce cost on liquid waste
- Leaves only solid waste in powder form
- Halve the cost of removing ink waste

# CONTACT

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