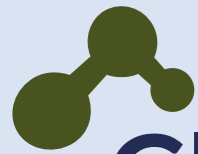


Plate Washing

Flexo Industry



CleanSolutions

Sustainable cleaning solutions for all needs

- Specially designed to be used in FW cleaning units and ensure a long lifetime of your machines.
- Developed by cleaning experts with a focus on cleaning any type of ink or part without causing damage.
- Tailormade liquids for your specific needs.

With CleanSolutions we strive to create a one-stop-shop having more than 100 different high-quality liquids for various purposes. 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.

Sustainable

Solvent-free
Free of metals
Minimal impact on environment

Certified

ROHS
ISEGA
REACH

Customized

VOC-free liquids
Premixed liquids
Special requirements

One-stop-shop

Full portfolio
Tailormade liquids
On stock worldwide



Shop all CleanSolutions liquids on the Flexo Wash B2B Webshop!



Developed to ensure high print quality

The Flexo Wash CleanSolutions liquids 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 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 solutions are developed to meet today's demands of high print quality and productivity. To obtain this if you make sure that your aniloxes, printing plates, and other press parts are kept clean.

Minimal impact on environment

Flexo Wash continues to develop cleaning solutions with a 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.

We also offer cleaning solutions with low COD (chemical oxygen demand), which reduces the oxygen demand for wastewater.

Specific inks require specific solutions

You need to use the right cleaning liquid, for the specific type of ink, in your cleaning machine to get the optimal cleaning results.

Among our wide portfolio of cleaning liquids you will find solutions suitable for cleaning all types of press parts and inks in both Flexo Wash and non-Flexo Wash cleaning systems.

We are always ready to guide you towards the best cleaning solution for you and your needs.

Plate Washing

Damaged plates due to improper cleaning is an expensive and critical factor in the printing industry. Cleaning plates properly and in a gentle and safe way is essential. With unclean or broken plates you will have quality issues with your print.

Our Solution

- Designed to clean all types of inks.
- Belt conveyer for easy loading of plates.
- Clean and dry plates after a few minutes.
- Controlled by a microprocessor and it is easy to change settings.

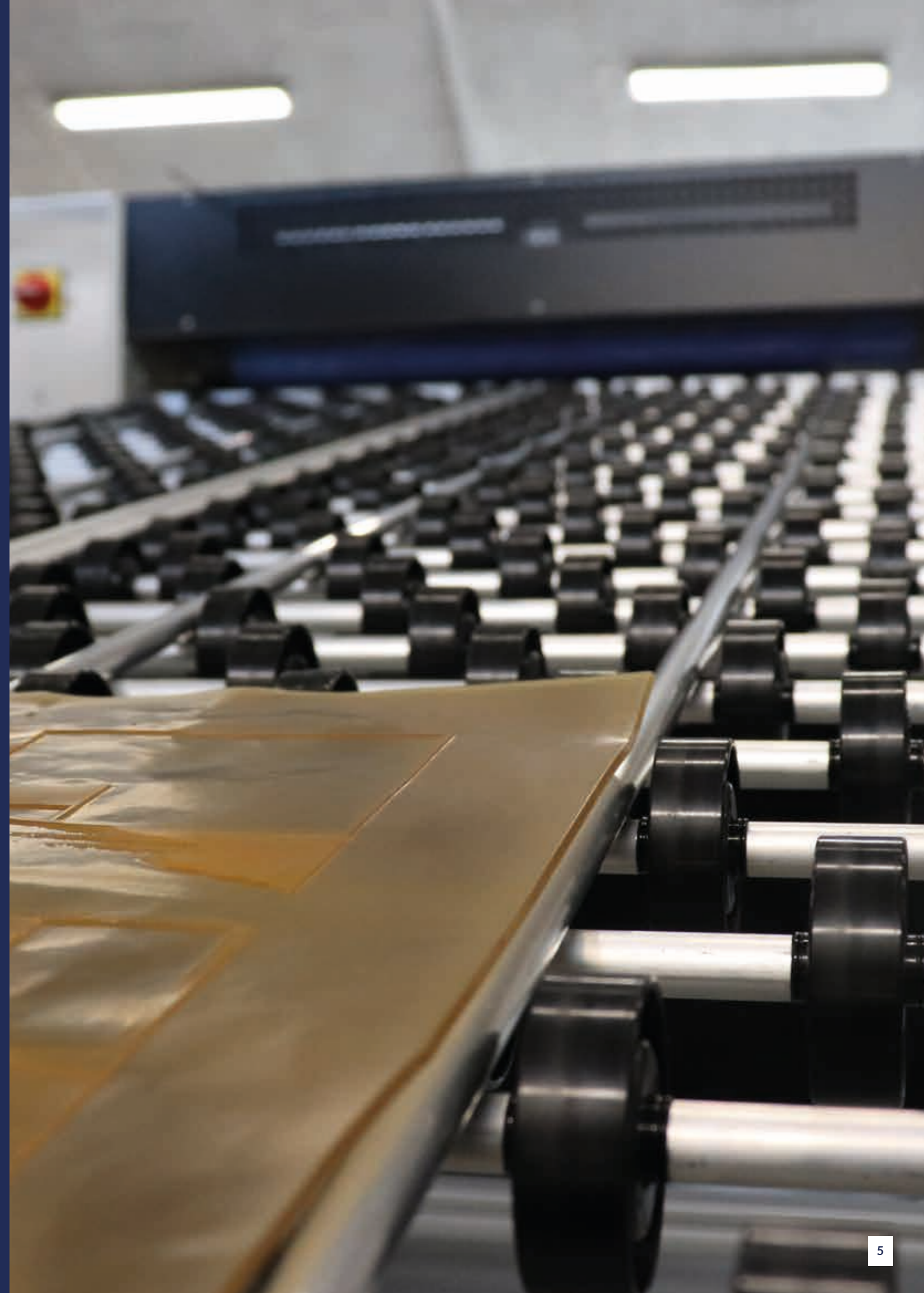


Plate Washing

The Flexo Wash Way

The fully automatic Plate Washers are designed to wash flexographic polymer plates and letterpress plates very gently, leaving them 100% clean and dry; ready for immediate reuse. The system has a Wash & Rinse two-stage cleaning process, where the first stage is for cleaning and the second stage is for rinsing. The machines are made of stainless steel and other highly resistant quality material, which ensures a long lifetime of the product and a very low degree of maintenance.

Plate Washing

How does it work?

After the print job, all plates are placed on the conveyor belt, which automatically takes them through the entire wash process. Using the eco-friendly cleaning liquids from Flexo Wash, the Plate Washers are specially developed to efficiently remove different types of inks from the plates in only a few minutes.

Washing

Easy loading of the plate by the conveyor belt. Cleaning liquid is sprayed on to the plate. Gentle washing and cleaning of the plate by oscillating soft brushes.



Draining

Continuous draining ensures the reuse of liquid.

Drying

After the rinsing process, the plates are dried in two steps:

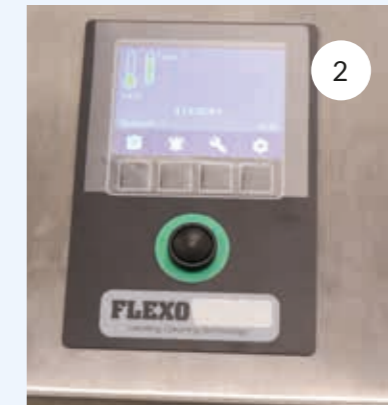
- Sponge roll
- Warm air knife



Rinsing

The rinsing of the plate is done by water to remove the remaining ink and cleaning liquid residues.

WRO version: Fresh water
WR version: Water from the closed-loop rinse tank



1. The inlet table transports the plate into the cleaning unit, making it possible to prepare several plates for cleaning at once.
2. The PW unit is controlled by a micro control from where different cleaning time, temperature, etc. can be managed.
3. The outlet tray collects the clean plates. The plates are dry when leaving the machine which makes it possible to collect several plates in the tray without them sticking together.
4. The washing unit can also be made with an outlet roller conveyor for unloading.

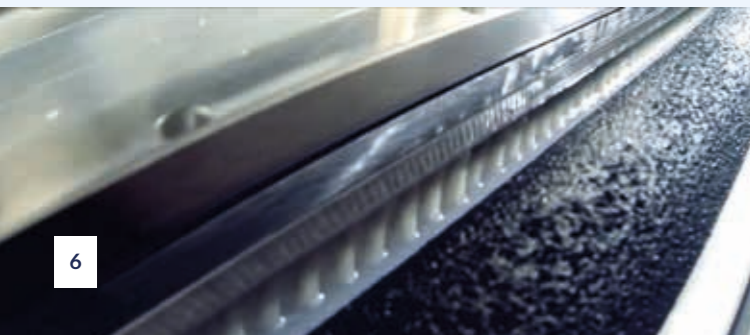


Plate Washing

Which machine should I choose?

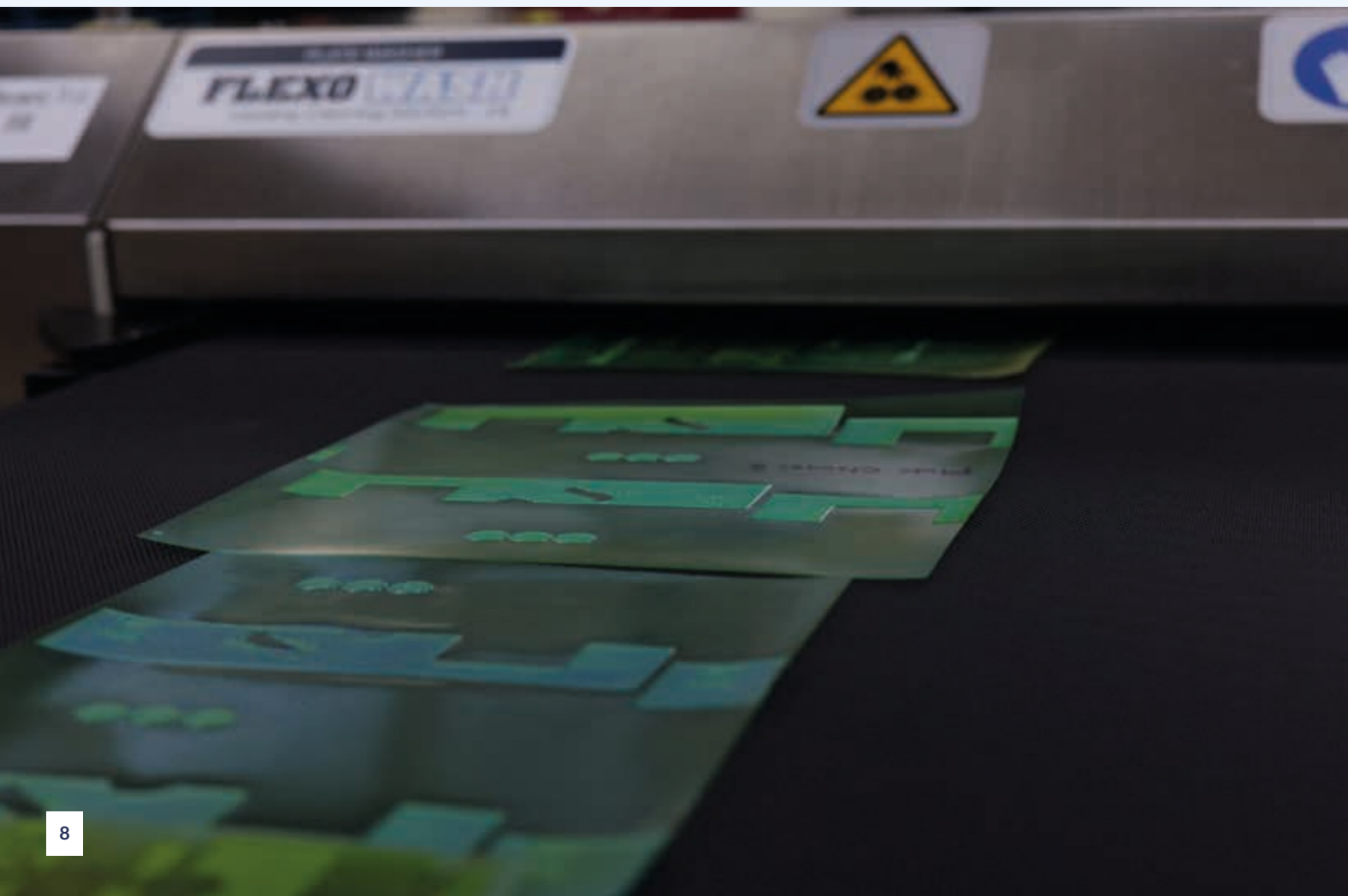
We supply plate washing equipment in all sizes for all segments of the label and flexo industries. The Flexo Wash plate washers come in many different models which each can be modified by combining the standard unit with one or more of the various options. Our range of models cover plate widths from 45 cm up to 130 cm.

All units are available as both:

- WRO-version: Fresh water
- WR-version: Water from the closed-loop wash tank

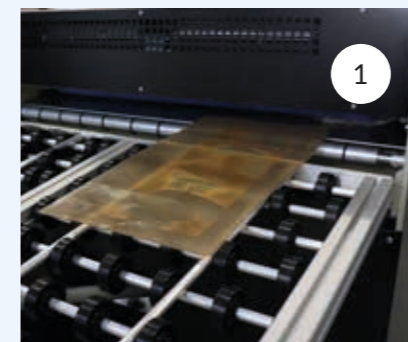
For cleaning of laser engraved plates after engraving Flexo Wash also supplies special DLE Plate Washers, which gently remove the dust from the engraving without damaging the plate. A special filtration system is made to handle large quantities of engraving dust.

	Max. plate width	Min. plate length	WR	WRO	DLE
PW 82	820 mm (32.3")	220 mm (8.7")	X	X	-
PW 92	920 mm (36.2")	220 mm (8.7")	X	X	X
PW 115	1150 mm (45.3")	220 mm (8.7")	X	X	X
PW 130	1300 mm (51.2")	220 mm (8.7")	X	X	X



Options and Accessories

- Table for unloading of plates
- Sponge roll holder
- Extended inlet conveyor belt
- Extra large tank capacity
- DLE version (PW 92-130 only)



1: Instead of a tray you can add a table for unloading of plates. 2: Sponge roll holder for easy and safe storage of the sponge preventing it from drying out when not used over a longer period of time, 3: With the DLE version you can clean laser engraved plates.

| Notes

| Notes

CONTACT

Langs Skoven 38
DK-8541 Skoedstrup
Denmark
+45 8699 3631
flexowash.com
info@flexowash.com