

# DEEPWAVE 3600 SM Anilox Roll Cleaner

NEW  
CLEANING  
SYSTEM



Developed by experienced  
Anilox roll experts.



# TECHNOLOGY

**Calcium is the biggest problem in cleaning corrugated rolls all over the world.**

**Existing cleaning methods can't clean calcium in a way that the cell volume is restored completely.**

The Deepwave cleans with an alkaline liquid to solve the ink particles and with an acid liquid to remove calcium and varnishes. The liquids will be sprayed on the anilox roll by a 3D spraying head with a PFTE front-seal for mechanical friction. Both liquids will be heated for a more efficient cleaning and taken out by high pressure clear water. (100 - 210 bar)

All liquids will be sucked back with an industrial suction unit. This way there is no mess in your printing press and corrugated rolls can be cleaned 100% without damage!



Also possible to clean offline with an optional Trolley

**Low cost monthly payments possible. Available in different sizes for coating and corrugated industry aswell inline and offline cleaning**



## HIGHLIGHTS

- Cleaning with alkaline and/or acid liquid
- Adjustable parameters for temperature, high pressure and time
- Liquid will penetrate into the contamination completely
- Easy to adapt cleaning liquids to a new ink recipe in our own laboratory
- Built from high quality materials
- Inline and/or offline cleaning with optional Trolley
- Cleaning and rinsing without leakage / fully automatic process with suctioning
- 5 Years warranty (in combination with maintenance and liquids contract)
- Automatic follow focus system for reproducible results
- Usage of cleaning liquids very low, appr. 0,5-2kg per roll
- No vapour mists form during entire cleaning process
- Adjustable for all kinds of machines
- Guaranteed no damages to anilox roll





# SINNER CIRCLE

**Chemicals, mechanical power, time and temperature represent the four principle factors that determine the success of a cleaning. These four factors, also known as the "Sinner Circle".**

The results depend on these factors:

**Chemicals:** This refers to the concentration of cleaning agent used. All chemical elements such as active substances on the surface and pH values have an influence. The pH value says more about the concentration of the acidic, neutral or alkaline properties in a water solution. The pH value varies between 0.0 and 14.00, where 0.0 is the strongest acidic level represented, and 14.00 is the strongest alkaline value.

**Time:** The time that a chemical (the cleaning agent) takes to work into the contamination.

**Temperature:** The temperature level influences the cleaning process (e.g. hot or cold water).

**Mechanical Power:** In the form of a water jet from high pressure cleaners and/or brushes.

