

7G

POWER INK CLEAN

Innovation Technology for the box industry

Gain an extra 30+ minutes production a day



EVOLUTION BIOCLEAR - YOUR ANILOX'S ARE ALWAYS CLEAN. A COMPLETE TOTALLY AUTOMATED SOLUTION FOR YOUR PLANT

Cleaning in Place - Enzyme based detergent series products

7G Power Ink Clean

7G POWER INK CLEAN gives you an extra 30+ minutes of production a day.

The 'BIOCLEAN' patented automatic system has become an international industry standard and our Evolution BioClean has been recognised as an astounding success in the printing industry. Now, 7G POWER INK CLEAN moves the bar ahead yet again. With our continuous development program and optimisation of our interactive molecular formulations, 7G POWER INK CLEAN now offers an amazing 2-4 minute wash cycle - even better than Evolution BioClean.

Plus you get increased savings through higher supplied concentration and greater dilution rates at the print machine. 7G POWER INK CLEAN is cutting edge chemical technology with a unique blend of safe, water based solvents, surfactants and specially designed enzymes to liquefy dried ink rapidly without any corrosive effect on equipment.

Used exclusively with Ecochem's patented automatic cleaning system, 7G POWER INK CLEAN's optimised technology improves cleaning performance on your aniloxes and ink systems and reduces solids in waste water, bringing more savings in production and maintenance costs.

Depending on your shift structure, you may increase your production output and revenue by an extra 30+ minutes per day.

7G POWER INK CLEAN can be used to safely and quickly remove ink off all surfaces in your plant. Non-corrosive and non-hazardous.

7G POWER INK CLEAN delivers:

- TWO-FOUR MINUTE wash cycle
- Unique blend of special enzymes
- Breakthrough solvent technology
- Dissolves dried ink even faster than before
- Low 1:60 dilution rates
- Increased production capability
- Greater maintenance savings
- Increased operator effectiveness
- Easier and quicker plate cleaning
- Reduced solid content in waste water
- Better waste water compliance
- Increased pride in machine care
- Non-corrosive and non-hazardous
- Your printers love it !

WHY ENZYMES?

Enzymes are biological molecule catalysts that act on molecules like ink and starch. They don't get used up in each reaction and can work in the right conditions until all the ink and starch is broken apart and dissolved. Enzymes are a part of nature and are fully biodegradable.

Cleaning in Place - Enzyme based detergents do not require plant to be disassembled.

Other corrugated box industry products include:

EVOLUTION STARCH OFF ULTRA - For fast control of starch build ups



**2-4
Minute
Wash Cycle**

Using the Ecochem System

The patented Ecochem System pulls **7G POWER INK CLEAN** concentrate from a 1000lt/264-gallon tote, dilutes and delivers it directly to every print station.

The system is designed to inject **7G POWER INK CLEAN** into the ink lines. It is simple to install and easy to maintain and use. It uses a special electronic control to deliver **7G POWER INK CLEAN** to the anilox rolls and ink systems. This program reduces the time required for wash-ups to as little as 2-4 minutes.

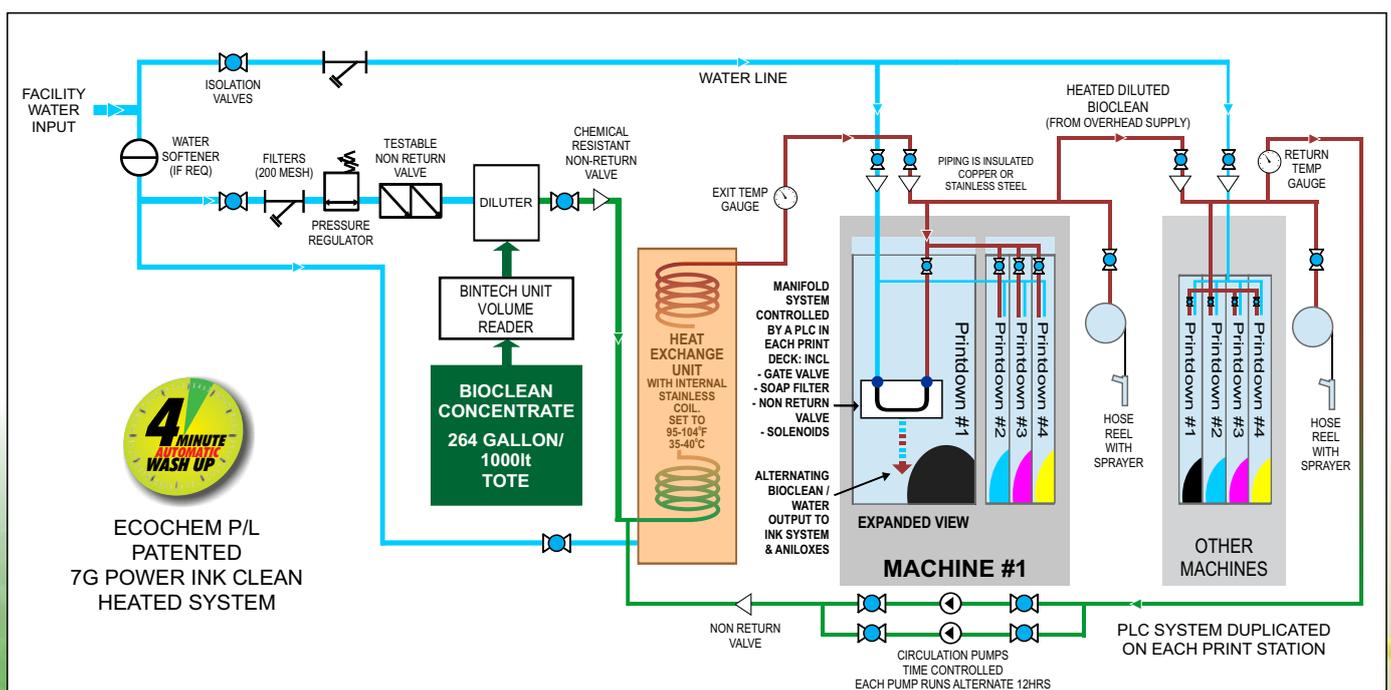
7G POWER INK CLEAN is automatically diluted 1:60 and delivered to each converter for an electronically controlled cleaning and water rinse cycle.

A **FOAM GUN** is also mounted at each converter for manual use, allowing **7G POWER INK CLEAN** foam diluted to 1:60 to be applied to surfaces for the removal of ink, allowing good contact time while preventing atomisation and splash back. This gives the operators the power to clean print plates, ink trays and the machine body itself before leftover ink becomes a problem. Initial restoration cleaning may be done at a dilution of 1:50. At this dilution rate the product is **completely non-hazardous**.

The Components of the system are:

- Facility water supply
- Binteck Usage Reporter
- Diluting unit
- PLC with programmed 2, 4 and 6 minute wash cycles
- Switching manifold
- Plumbing directly to machines
- Foamer / sprayer
- Heat Exchange Unit

The regular use of the Ecochem 7G System turns back the clock on ink system wear and tear. Instead of slowing down the rate at which dried ink builds up in the system, **7G POWER INK CLEAN** washes away old ink from anilox rolls, ink lines, pumps and supporting equipment.



7G Power Ink Clean

Gain an extra 30+ minutes production a day

- Centralized automatic cleaning system for all converting lines
- Automation eliminates chemical cleaning Health & Safety issues
- Tidy, simple and automatic
- Reduced manual labour for Anilox Roll Cleaning
- Increased production time with less breakdowns
- Superior printing
- Product formulation will not corrode doctor blades or blister anilox rolls or damage rubber rolls and seals on bearings
- Reduction in the use of ink and water
- System uses approx half manual cleaning wash-up
- Concentrated 7G POWER INK CLEAN comes in a 264gal/1000 lt tote and makes 15,850gal/60,000 litres of wash up
- Significant direct and indirect cost savings

**2-4
Minute
Wash Cycle**

Take our Challenge...

Take any two-color Flexo or Rotary Die Cutter in your plant ...

Install just one Ecochem Automatic System

Let us prove it is the best investment in anilox cleaning you ever made ... or your money back !*

*You will need to provide hoses, water filter, check valve and a few other plumbing items, plus shut-off valve for drum installation. Conditions apply, please contact us to discuss your requirements.

Contact us now for more information and a convincing on-site demonstration



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Go online to 7G Power Ink Clean