



Who knew that being GREEN could be this Profitable.. Introducing the NEW FS Series

The FloClear Fountain Solution Recycling System typically pays for itself in less than a year. The FloClear FS Series (available PLC Smart Model upgrade optional) is designed to operate on any 40" or larger sheet-fed press running 24/7. From the moment it is installed it consistently maintains the quality of print, decreases the impact on the environment without increasing production costs, and lessens press downtime. Thus FloClear is an investment that not only **lessens the carbon footprint of any company BUT will pay for itself in the process!**

FloClear dramatically decreases:

- ◆ *Fountain Solution Waste*
- ◆ *Paper Waste*
- ◆ *Solvent Waste*
- ◆ *Press Down-Time*

FloClear Improves:

- ◆ *Dampening system cleanliness*
- ◆ *Color Consistency*
- ◆ *Press Productivity*

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FloClear FS Series: FS Smart Model shown above

The FloClear® Advantage



FloClear LS



FloClear HS-Compact



FloClear D-06 Compact (insulated)



FloClear D-07

During operation, ink, paper fiber and other contaminants build up in your fountain solution. These contaminants negatively impact print quality and productivity. As the fountain solution degrades water and color adjustments are necessary to compensate and eventually the fountain solution becomes so contaminated that it needs to be replaced.

The FloClear® constantly recirculates the fountain solution through a Patented, multi-stage separation system that removes virtually all of the contaminants out of the fountain solution while leaving the chemical manufacturer's formulated and critical ingredients undisturbed. All particulate matter including colloidal and sub-colloidal is removed. This unique process can virtually eliminate fountain solution dumps and extend the life of the fountain solution to as much as six months or more.

With the FloClear® System, printers can easily and reliably reduce their costs and improve productivity in an area that has been traditionally neglected. Simply eliminating dampening system maintenance and trouble-shooting, will typically add 1-2 hours of productivity per week.

The GREEN contribution, by extending the life of the fountain solution, waste-hauling costs will be dramatically reduced. If you are not hauling waste fountain solution, the FloClear® will greatly reduce the copper, zinc, ink, glycols, phosphates and suspended solids going to drain, lessening your impact on the environment.

FloClear Systems are available in different configurations for many different press sizes - including any 20" sheet-fed press with a central circulator all the way to the largest web press applications. Models vary in Size and Price.

Model/Application

FloClear LS - For any 20" up to a 5-color 29" sheet-fed press with central circulator. This model will NOT work for 40+" presses with more than 2 units. (Avail. 1st Qtr /09) 24"D x 24"L x 54"H. Avail 115V /230V 50/60Hz

Smart Model - unit has transducers at each stage to monitor and report each housing's pressure and differentials between the stages to a computer module and PLC Screen which also monitors usage time of each filter stage, gives troubleshooting suggestions if a warning appears on screen, monitors and alerts if pressure increases too rapidly over certain time period, and automatically shuts down for high or low pressure problems and alerts user of what occurred and last pressure reading.

Productivity Model - unit has gauges for monitoring pressures, a warning beacon, and a high/low pressure manual reset button for pump protection.

FloClear HS - For a 6-color 29" up to a 6-color 40" sheet-fed press with central circulator. This Series is available in a full cabinet or a pedestal which is available with cabinet, casters, or base skirting options. 115V 60Hz 24" W x 27.56" D x 50" H

Model D-06 Compact - For high-volume sheet-fed presses with central circulators running 24/7. Can serve as many as 24 units being served by one central circulator. Could also serve low-volume smaller web presses. 28"D x 42"L x 40"H Available 115V/230V 50/60Hz Open Floor Model

FloClear FS - For any 40" sheet-fed and up running 24/7. Can serve as many as 24 units being served by one central circulator. Series is available in a full cabinet only w/ Smart upgrade option. 230V 50/60Hz FS - 23.63" W x 27.56" D x OEM Spec H

FloClear D-07 - For high-load, sheet-fed presses or high-volume web presses with central circulators running 24/7. 28"D x 42"L x 46"H Avail: 115/230V 50/60 Hz Open Floor Model only