



# sentinel

ink management systems



## Serving the Offset Printing Industry

- Reduce Ink Costs
- Eliminate Virtually All Rejects from Poor Color Control
- Reduce Waste Disposal Costs by up to 85%
- Lower Labor Costs

## Engineered for Performance...

The Sentinel Ink Management System is designed and tested to provide smooth, trouble-free operation. The Sentinel is manufactured to withstand the demanding conditions of seven day per week/twenty-four hour per day usage - even when using UV inks and harsh press washes.

### Accepts the following cartridges:



8 Lb. Cartridge      2 Kg. Cartridge      RemoteLinc™ Pumping

- Designed to maximize ink fountain coverage, while integrating visually with existing equipment.
- Sealed linear actuator provides clean, low maintenance environment.
- Belt drive with stepper motor ensures years of smooth, trouble free operation.
- Flexible control display can be positioned to face forward, or to either the operator or non-operator side of the press.
- Menu functions are clearly displayed for easy understanding and control.
- High intensity LED low or empty warning lights are visible from any angle.
- Durable extruded and cast metal construction.

## Customer Quotes

**"We are saving half a second pressman over two shifts, which equates to one full man per year. We have had the Sentinel iPro running for 6 months and we look forward to a speedy return-on-investment."**

Franz Beisser, President of Bison Printing

**"Not only is Sentinel's auto-loading, cartridge-based solution simple to use, but it works well — mechanically and functionally. From a ROI perspective, the performance is consistent, and maintenance is low. We are very pleased with the system."**

Michael Meza, Production Manager for Courier Graphics

**"We are able to achieve far more accurate tracking of our ink usage than before. It saves us on ink costs offering better color consistency and waste reduction. Plus, our press operators can focus on other critical job functions besides keeping the fountains filled."**

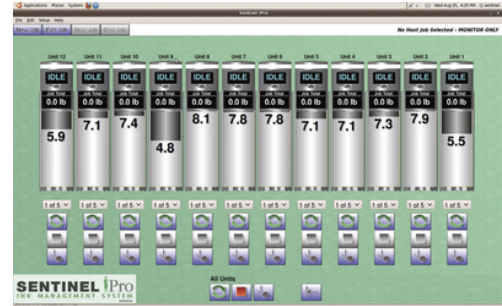
Hans Hofmesiter, Executive Vice President for Spectra Print

## Optional Central Control Console

The Central Control Console completes the Sentinel Ink Management package. It provides both function control and monitoring, right at the operator's fingertips.

### Function & Monitoring Features

- Controls individual or multiple Sentinel unit operation; auto run, stop, and plow (agitate) mode.
- Enables filling of the fountains from the console, and control of the fountain level.
- Precisely tracks both the ink usage and the remaining ink in the cartridge, providing real time information and an end of job report feature.
- Displays cartridge status, including low and empty alerts.



### Job Recording Features

- Job entry fields allow the tracking of each individual job, and saving job totals for future reference.
- Set specific gravity or weight of ink, for exact ink usage on all units.
- Print end of job reports for estimating repeat runs.
- The import/export feature allows this valuable data to be exported into your own ERP system, to better manage and optimize your ink purchases.

## Optional Plow/Agitator

- For use with heavy bodied or UV inks.
- Eliminates the need for ink agitators.
- Robust design resists flexing.
- Nylon tips prevent damage to the ink blade or ink fountain roller.
- Fully adjustable to fit any ink fountain.



# WHAT DOES YOUR CURRENT INK DELIVERY SYSTEM COST YOU?

## CURRENT ISSUE

## SENTINEL BENEFIT



### Rejects/Color Consistency

- Rejects from poor color control
- Rejects from hickeys

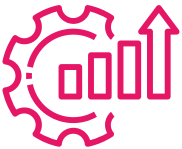
Eliminate virtually all rejects from poor color consistency. Sentinel maintains a consistent bead of ink, and eliminates the change in color density, giving you consistency from sheet 1 to 10,000.



### High Ink Costs

- Overfilling the fountain
- Skinning
- Waste ink left in the can

Generate savings of up to 25% in your ink costs through reduced waste. Sentinel leaves less than 2% residual ink in the cartridge.



### Reduced Productivity

- More residual ink means longer wash up times
- Longer make ready times

Significantly reduce your clean up and make ready times, with an overall cleaner press.



### Higher Labor Costs

- Unnecessary man hours required to maintain the ink in the fountain

Optimize your labor costs. It takes less than 30 seconds to load a Sentinel cartridge, which will then run unmonitored until it needs replacing.



### Higher Waste Costs

- More residual ink left in the press leads to more clean up, and more waste to be disposed of

Reduce your waste disposal costs by up to 85%.

## Contact Us

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