



**REVOLUTIONARY**  
Automated Ink Dispensing

## GEN 2 Sentinel Ink Management System !

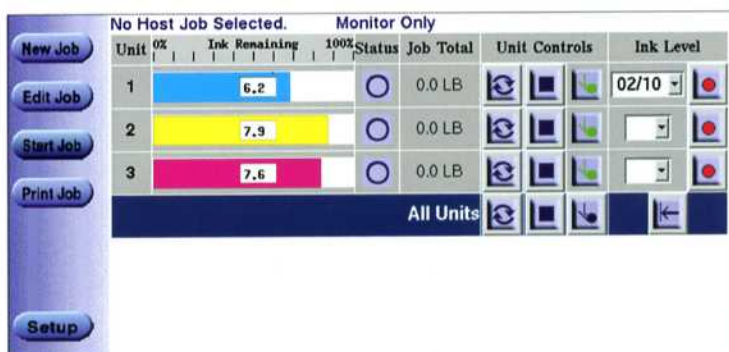
The Sentinel Ink Management System is constructed and tested to provide smooth, trouble-free operation. The Sentinel has been manufactured to withstand the demanding

conditions of seven day per week/twenty-four hour per day usage – even when using UV inks and harsh press washes.



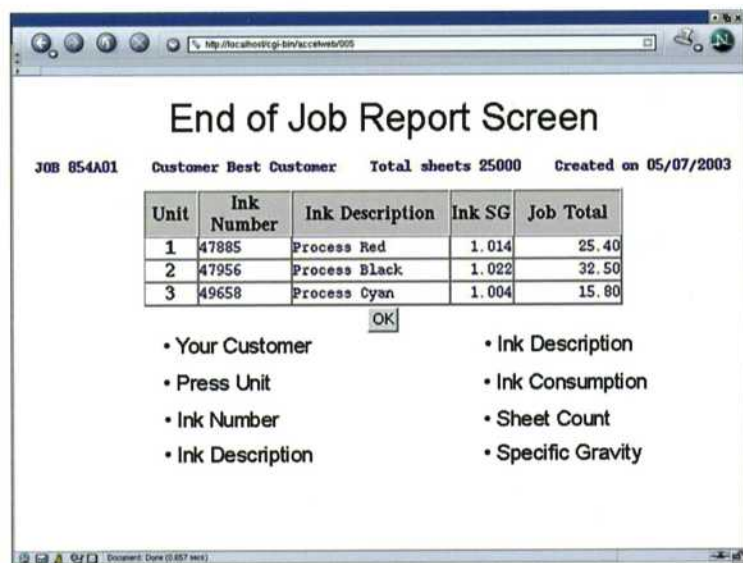
- Designed to maximize ink fountain coverage, while integrating visually with existing equipment
- Flash programmable micro-controller allows updates without changing components in the dispensing head
- Flexible control display can be positioned to face forward, or to either the operator or non-operator side of the press
- High intensity LED low or empty warning lights are visible from any angle
- Sealed linear actuator provides clean low maintenance environment
- Belt drive with stepper motor ensures years of smooth, trouble free operation
- Menu functions are clearly displayed for easy understanding and control
- Durable extruded cast metal construction.





## Monitoring & Function Features

- Displays cartridge status, including low and empty alerts
- Provides precise ink usage totals for all Sentinel units
- Controls individual or multiple Sentinel unit operation; auto run, stop, plow (agitate) mode and ink fountain level setting
- Enables filling of the fountains from the console



## Job Recording Features

- Job entry fields allow 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.



## Central Control Console

The optional Central Control Console completes the Sentinel Ink Management package with monitoring and function control right at the operator's fingertips. The console tracks usage and remaining ink in the cartridge, provides real time information and an end of job report feature.

## 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

Accepts the following cartridges !



8 Lb.  
Cartridge



2 kg  
Cartridge



RemoteLinc™  
Pumping



- **Ink savings of 15-20%**
- **Save on waste ink disposal costs**  
Protect our environment.
- **Reduce potential injuries**  
Can occur due to repetitive motions throughout the work day (Ink knifing).
- **Ensure color consistency**  
Save waste and re-runs due to running out of ink in fountains or spikes in color density when adding ink.
- **Ink data reporting**  
Know exactly how much ink was used on a particular job, track voc's.
- **Increased press productivity**  
Increase your billable hours each day with faster make-ready.
- **Additional man hours**  
Drastically reduce time spent on: filling, monitoring, and cleaning ink fountains.
- **Reduction in hickeys.**
- **Eliminate ink agitators.**

## Summary of Yearly Savings

This summary is based on 6 color-40" press equipped with Sentinel Ink Management System.\*

### Savings

Ink Saving	\$18,290.30
Reduced Disposal costs	\$ 1,828.17
Increased Press Production	<u>\$43,875.00</u>
<b>Total Savings</b>	<b>\$63,993.47</b>

Cost of Sentinel System	\$50,430.00
<b>Return on Investment</b>	<b>9.5 months</b>

<b>Average Monthly Saving</b>	<b>\$ 5,332.79</b>
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Additional Benefits: Man Hours Saved **1,065**  
(eliminated time of maintaining fountains; i.e., filling, monitoring, replenishing and clean-up).

\*Running 3 shifts, 5 days a week. This is an illustration only. Please ask for a detailed summary or an estimate based on your equipment.



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