![pamarco logo]

Pre-Installation Instructions
Sentinel Ink Management iPro Systems
Non-Gear Side

To expedite the installation of your Sentinel Ink Management System® please have the following items in place prior to the arrival of the Pamarco Global Graphics technician(s).

Electrical: The Sentinel system requires a 110 VAC 15 amp duplex dedicated line installed near the center on the non gear/non drive side of the press. In order for the Sentinel to operate in continuity with the press, it requires a normally open "dry contact" type run signal. This circuit should be closed when the press is running and open when the press is not running. It is the responsibility of the print shop to provide the location of this relay and/or contacts. If you are unable to locate a suitable circuit for this connection, please contact the press manufacturer.

PC Electrical: If your system was ordered with the **optional** central console an additional two 110 VAC duplex outlet will be required at the delivery end of the press to accommodate the optional Central Computer Console. It should be placed as close as possible to where the computer is to be installed.

Pneumatics: The Sentinel system requires a single connection to the house air supply with a minimum of 50 psi installed near the center on the non gear/non drive side of the press. Each Sentinel unit will require a minimum of .70 cfm. The provided hose connection should be terminated with a ¼" female industrial interchange type coupler (Grainger part number 1HUC8). Should your facility use a different type air connection other than industrial interchange, then you must also provide a male plug with ¼" NPT male threads.

Ink Canisters: The Sentinel Gen 2 system is designed to accept the Sonoco Flow-Rite 8 pound Original ink cartridge. The Sentinel will also accept the Sonoco 4.4 pound Exact and the Ritter R1 2 kg cartridges using the optional adapters. This system **does not accept** the Sonoco Flow-Rite 5 pound Original or the Ritter R2 3.6kg ink cartridges. If you regularly use UV type inks, you will need the black plungers in place of the standard clear ones to prevent the setting of ink during extended storage periods.

You will need at least 10 filled Sonoco Flow-Rite ink canisters for the installation. Please contact your ink company to make sure they will have an adequate supply for your use. For additional ink cartridge information and availability please contact Ben Gore with Sonoco (843) 383-7142.

Cancellations: Please beware that once the installation date has been scheduled if it is changed by the customer for any reason Pamarco reserves the right to pass along any cancellation fees, rebooking charges, etc. All personnel who are to be trained on the operation of the system must attend the training between the hours of 8:00 am and 4:30 pm otherwise additional hourly labor costs will be charged. The Pamarco technician will provide installation and training on his initial visit only. If you request a second visit for training due to inability of press not running, operators unavailable, etc you will be charged our standard hourly service fee and expenses which are included.

SENTINEL DISPENSING HEAD
UP TO 12 UNITS MAX PER SYSTEM

BUSMASTER
POWER/SIGNAL DISTRIBUTION

110VAC 15A

PRESS RUN SIGNAL

AIR SUPPLY
50 PSI MIN
APPROX .70 CFM PER UNIT

OPTIONAL HOST PC