TECHKON
Perfect Color Made Easy

MODERNIZE YOUR PRESS
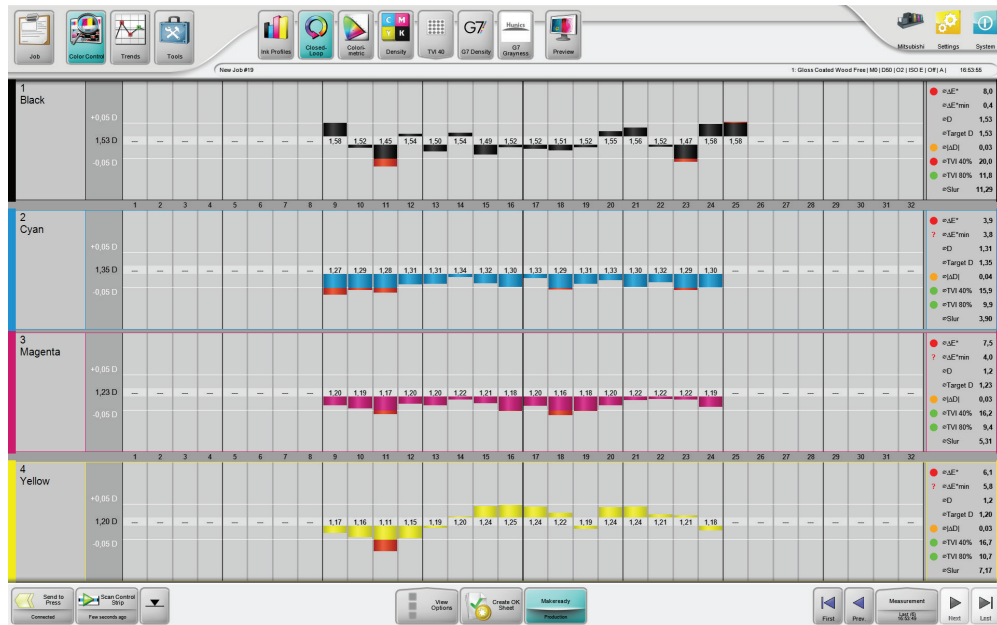
PRESSLINK

BASIC
ADVANCED
PREMIUM

PRESSLINK

Modernize your older press to get on color faster and maximize your profitability

- Achieve greater color accuracy and consistency
- Automated image analysis and ink key setup
- Quality control feedback during the run

- Software automatically adjusts ink keys
- Supports a wide range of press makes & models
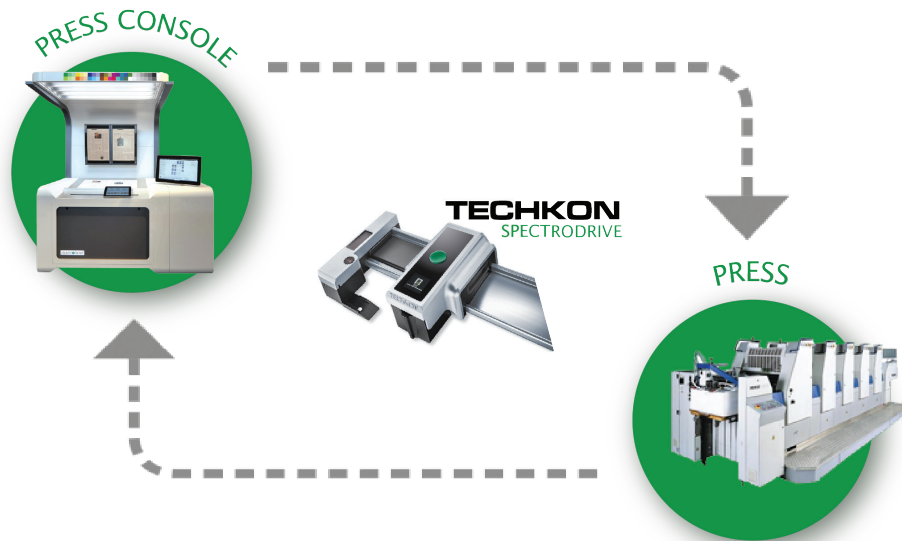- ROI typically less than 6 months

Overview

Brand owners are placing ever increasing demands for color accuracy and color consistency on their print supply chain. Achieving these exacting requirements with older offset presses is especially challenging. It can mean turning away or losing business due to the inability of a press to meet customer specifications and pricing expectations.

PressLink is a cost-effective answer that enables a wide range of press makes and models to take advantage of an efficient closed-loop color control system. Its remarkably fast ROI begins at setup. Automated image analysis and ink key setup quickly brings your press up to color and significantly reduces make ready times. PressLink then gives operators quality control feedback during the run, and the software automatically adjusts ink keys to keep colors on target.

PressLink puts your press on "autopilot" and reduces make-ready times and wasted materials while increasing color quality and repeatability. This combination leads to impressive savings and a return-on-investment that is typically less than 6 months.

PRESSLINK

How PressLink Works

1. Before the press run begins, an Ink Presetting module analyzes the digital, imposed image and automatically opens and closes ink keys on press so print densities should be even across the sheet at the start of the job.

2. While the press is running, a sheet is pulled and a scanning spectrophotometer measures all ink zone locations in one single pass. These measurements are automatically sent to our PressLink closed loop color management software.

3. The color control software checks that the press is "printing to the numbers" correctly (density, TVI, graybalance, G7, CIELab, etc.) and, if not, automatically calculates and sends the necessary ink zone corrections directly to the press console.

The Benefits of PressLink

1. Increase Profit Margins: Automation through ink presetting and closed loop color control introduces new levels of efficiency that dramatically reduce make ready times, save ink and paper, and immediately reduce your bottom line.

2. Achieve a higher level of color accuracy and repeatability: Press operators have instant access to the color accuracy of the job and are given the necessary corrections to achieve the best possible color match. In addition, maintaining color consistency throughout the run is automated and the settings are stored within the software for job re-prints which ensure color consistency over time, across press crews, and across different presses and print locations.

3. Maintain Customers and Gain Repeat Business: PressLink records print run data and allows you to create customer facing reports that prove customer color specifications have been met. These data can also be used as repeatable settings for future orders, building a level of confidence and trust that can only lead to happier customers and better printer-client relationships.

PRESSLINK

Available Configurations

PressLink is available in 3 different configurations. All configurations include the same ink preset software, color control software, PC with touchscreen display, and a hardware interface for communication with your specific press. Just choose the spectrophotometer solution that best meets your scanning and budget requirements and leave the rest to us. We'll come to your site for installation of the system, training of your staff, and optimization of the ink presetting system.

PRESSLINK BASIC

Includes the
Techkon SpectroDens Premium
manual hand scanning
with encoder

PRESSLINK ADVANCED

Includes the
Techkon SpectroJet
manual hand scanning with optical
encoder for error-free scanning
of large sheets

PRESSLINK PREMIUM

Includes the
Techkon SpectroDrive
motorized, fully automated scanning
system for full-size sheets

Return on Investment

Installing PressLink typically results in make-ready time reduction of 50% per job. For a press that runs 10 jobs/day, 250 days/year and costs $200/hour, the savings in make-ready time alone is worth almost $100,000 per year.

In addition, paper savings of 100 sheets per job can be seen. Assuming a conservative cost of 20 cents per 40" sheet this results in about $50,000 additional savings per year. Of course, the cost of paper has escalated in recent years and your cost may be quite different. Use our online ROI Calculator to enter your paper cost for a more accurate estimate.

Want to calculate your potential savings? We provide an instant ROI Calculator online at the bottom of the Presslink page under Products/Scanning.

What is in the box:

- Spectrophotometer (varies based on Basic, Advanced, or Premium packages)
- PC with Windows® 10, keyboard, & mouse
- 22" multi-touch LCD display

- Press console hardware interface
- PressLink software modules:
    ◦ Ink Presetting
    ◦ Closed-loop color control