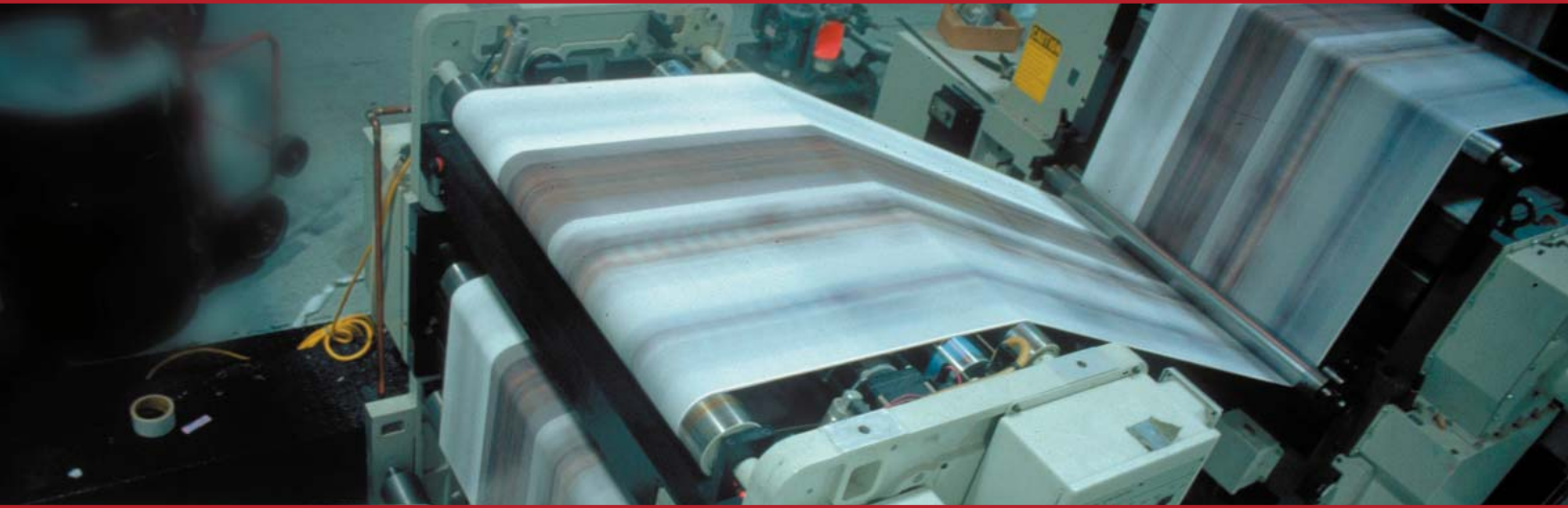


THE NEW STANDARD IN CONVERTING TECHNOLOGY



ABOUT CIRCONIX TECHNOLOGIES LLC

Circonix Technologies LLC is a drives and controls systems integrator that caters to the web converting and allied industries. Circonix has over 15 years of electrical and mechanical experience, designing, building, implementing and servicing converting machinery, providing a complete range of solutions for the control of the entire web converting process. Our staff is some of the most experienced and innovative electrical-mechanical controls engineers in the converting industry today.

CIRCONIX SERVICES

Circonix Technologies provides a wide range of products and services intended to maximize the performance of your equipment. Our services include:

- Engineering
- Web Conveyance coordinated drives systems
- Control and interlocking for all process I/O
- Layout and Design for all operator stations
- Electrical Control Panel Fabrication
- 24/7/365 Service
- SCADA systems
- Installation
- Commissioning and Startup
- Maintenance Training
- Retrofit Consultation



EQUIPMENT SERVED

Our experience spans over 15 years and across an extensive range of equipment, including but not limited to:

- Paper Converting Lines
- Laminating Lines
- Sheet fed Extrusion Lines
- Extruders
- Unwinds
- Slitters
- Dryers
- Web gauges
- Rewinds
- Coaters
- Treaters



Additionally, Circonix Technologies has implemented control schemes for a wide range of extensible and non-extensible substrates such as:

- Foil
- HDPE
- Mylar
- Paper
- Polyester
- Non Wovens



CIRCONIX
T E C H N O L O G I E S

CIRCONIX PRODUCTS

In addition to our engineered solutions, Circonix Technologies offers standard product solutions designed specifically to address some of the most significant challenges faced by many converters.



SPLICE PRO - For many, a flying splice unwind is often the cause for significant downtime or reduced output due to missed splices or having to slow the machine down to insure that the splice is made. Imagine keeping your machine running at full speed and virtually eliminating web breaks.

Circonix's SplicePro is a combination of PLC based hardware and software designed to provide predictive tail length control for web based automatic unwind splicing. This system compensates for machine geometry, line speed, mechanical system delays, and roll diameters to accurately perform a splice to an operator chosen tail length. Predictable tail length control is extremely important in maintaining the integrity of the splice in other downstream process's such as coaters, laminators, dryers, etc. The system is accurate to +/- 1"/1000FPM, based on stable, well tuned spindle drives. The system has been field proven to 5000FPM (1525MPM). The key benefits of Splice Pro include:

- Significantly increased splice reliability
- Increased yield maximizes profitability
- Tail length control
- Splice tracking
- Reduced downtime due to web breaks
- Substrate compensation (extensible vs. non-extensible)
- Simplified use/menu setup, reduced preparation time



EXTRUSION PRO - In many sheet fed extrusion lines, systems to control and capture process parameters for the extruder are either dated or no longer operate efficiently. Circonix technologies has developed a system to retrofit and upgrade your existing extruder control, thereby increasing yield and improving product consistency. Depending on your needs, a typical system will include some or all of the following:

- Extruder Drive
- Web Gauge Interfaces
- Programming
- Installation and Commissioning
- Zone Heaters
- Operator Stations
- Electrical Design



PROSERVE - ProServe is Circonix's premier remote diagnostic and troubleshooting service. With the service, Circonix can access any intelligent device on you drive and control system, and perform many tasks that would normally require a more expensive field service call. Furthermore, Circonix's one hour response time to ProServe calls results in valuable production savings. Once your system is fitted with the necessary hardware/software, you will receive an 800 number and a PIN, and will be able to utilize the service 365 days a year, 24 hours a day. Once connected, the ProServe team can perform most system diagnostics, system programming, software upgrades, and control diagnostics, just as if the team were on-site at your plant. ProServe is available on an annually renewable service contract, and is most often included for the first year free on major systems.

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