Power/mation®

Paper Converting
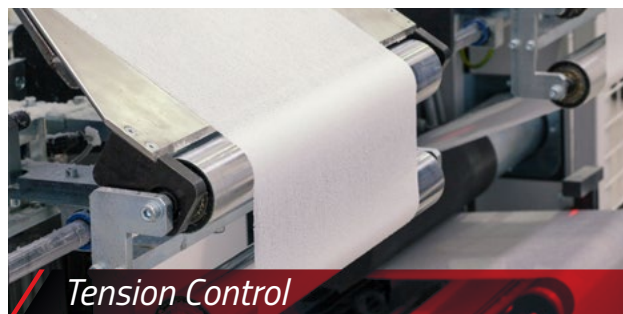
- Key Applications
- The Power/mation Advantage

Key Applications in Your Facility

It is never too late to automate your facility. Or, if you have a legacy system in place, let our specialists make sure you have the hardware you need to keep your operation up and running. Explore application examples and benefits of working with Power/mation with more details available at powermation.com/paper-converting.

Web Handling

Transporting the material web through your process with minimal damage for maximum throughput is the primary concern for a paper application. Power/mation can implement systems to sense registration marks, web breaks, product thickness, edge detection, and other process feedback.
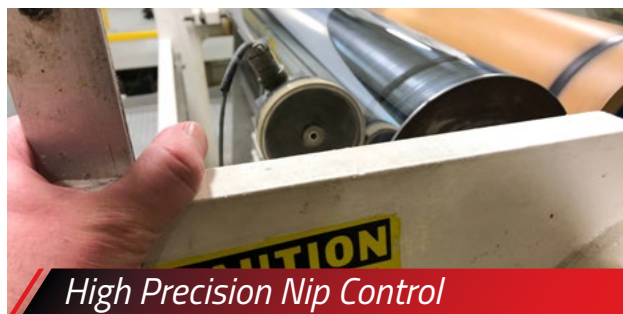

Tension Control

Web Tension is important to monitor in order to maintain consistency in your process. Power/mation installs systems to receive constant feedback of dancer arm position, roll diameter, and current web tension to provide predictable positioning, stability, and web control. Variable Frequency Drives (VFDs), servo motors, induction motors, and peer-to-peer communication setup is also available from Power/mation.

Slitting

Power/mation provides a tremendous amount of flexibility and reliability to our narrow web slitting customers. Power/mation will help you keep up on short runs and properly maintain unwind and rewind processes. Our suppliers' uniquely suited products allow these needs to be met.
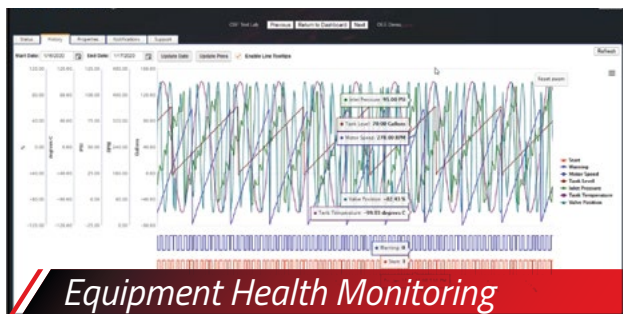

High Precision Nip Control

Nip control is important in any laminating and printing application. When you combine our compact, high force electric actuators and linear encoders you will yield a better product and reduce waste. Power/mation can implement these highly accurate closed loop systems to gain better control of your nip.

Palletizing

A palletizing application is best achieved with the use of heavy-duty robotics. Your application may be suited to the world's fast palletizing robot – the ABB IRB 460. Learn more about palletizing at powermation.com. Power/mation also provides any necessary safety devices and controls needed for your palletizing application.

Equipment Health Monitoring

Monitor the applications throughout your facility with real time dashboards and data reporting. Power/mation also offers data plans, wireless radios, and sensors to complete your solution. Master your data and improve your facility's efficiency.

A Robust Paper Portfolio

Paper converting applications require the highest precision with maximum uptime. The need for paper products continues to increase as seen in 2020. Power/mation will provide you with the specific products from our strategic suppliers who have the expertise necessary to make your application satisfy current market demand. Products from MAGPOWR and Roll-2-Roll Technologies highlight our product lineup uniquely designed for web handling applications.

ABB   APEX DYNAMICS   BANNER   INXPECT   EXLAR   FESTO

FORTRESS   MAXCESS MAGPOWR   NORD DRIVESYSTEMS   PHOENIX CONTACT   RITTAL   Roll-2-Roll Technologies

secomea   Tolomatic EXCELLENCE IN MOTION   TURCK

The Power/mation Advantage

With over 100 suppliers backing our technical sales team, there is no automation challenge we aren't equipped to tackle. Power/mation Solutions Group, our in-house team of project managers and engineers, make Power/mation an automation partner you can grow with and count on for future generations of innovation and support.

Industrial Strength, High Precision Products

Products specifically made to monitor and measure web performance are crucial to your application. Power/mation provides these components and other supporting items such as cabling, linear actuators, and sensors. Power/mation products support a wide array of common industrial network protocols (Ethernet/IP, ProfiNet, EtherCAT) making them perfect to upgrade an old application or to fit into new applications primarily occupied by other brands.

Full Custom Solutions

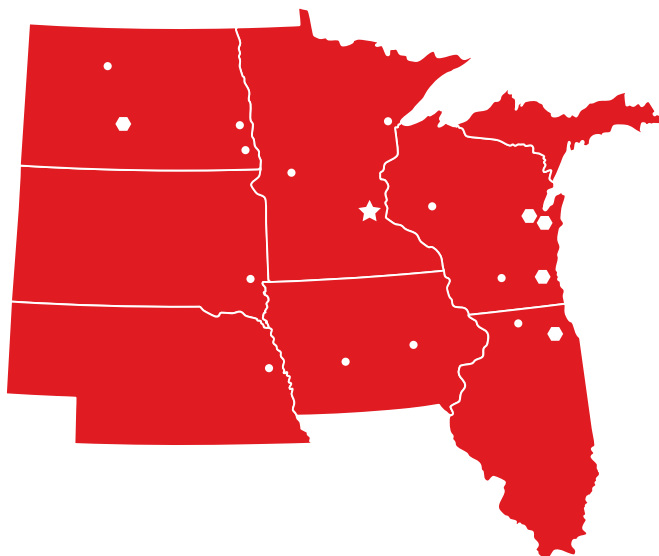**Power/mation**
SOLUTIONS GROUP

Offerings from Power/mation Solutions Group range from safety risk assessments to entire custom safety cells outfitted with the latest safety sensors, interlocks, relays, and other purpose-built products. Additional services are available through our partners. Learn more about Power/mation Solutions Group capabilities at powermation.com/powermation-solutions-group.

READ MORE AT POWERMATION.COM/PAPER-CONVERTING

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