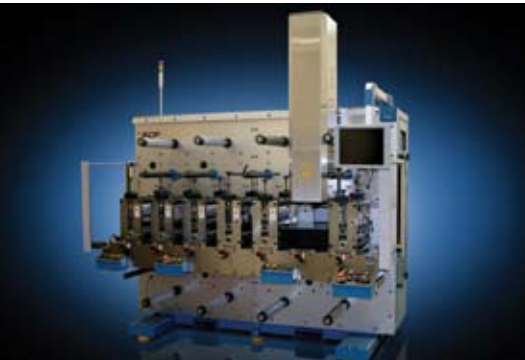


PERFORMANCE

Preco Introduces ...

Rotary Converting Platform Combines Preco's Die Cutting and Laser Expertise

Web converters and manufacturers who produce multi-layered packaging, parts and components for the medical, pharmaceutical, electronic, label, automotive, electronic display and RFID markets will appreciate Preco's recently developed Rotary Converting Platform (RCP).



Preco's RCP offers greater accuracy.

Preco's versatile RCP can provide the speed and precision of advanced die-cutting technology with the flexibility of laser processing. It is a continuous process-step-independent, servo-driven system where each rotary station is electronically geared to allow adjustments for optimizing tension and making registration correction at every processing point. Converters and manufacturers will appreciate how quick and easy it is to make very precise web-to-die registration changes as well as die-to-die synchronizations. Preco's direct drive gearing into the RCP ensures greater die cutting accuracy by reducing the potential for backlash or

swathing in the gearing.

Easily customized to fit unique processing needs, Preco's RCP systems are modular for maximum flexibility in registered web converting. They can accommodate web widths from 7" to 20" and multiple processes including metal to metal and registered rotary die cutting, kiss cutting, top/bottom cutting, laminating, embossing, continuous laser cutting and island placement.

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Welcome to Preco Performance

For more than three decades, we have worked very hard at Preco to align our daily performance with a very precise mission statement of just three words: Create for others. We hope this new customer newsletter will keep you informed about the exciting new products and services we are creating to help you serve more customers. If you are not familiar with Preco's broad capabilities in precision equipment and our unmatched contract manufacturing services, I invite you to find out more. And please let us know how we can create a new manufacturing, converting or printing process for you!

Jack Pierson, Chairman



Alternative Laser Processing Technique for Microwave and Frozen Food Packaging

Preco's new AcuVent™ laser technology produces controlled-depth scoring or cut-through slits in food packaging for more reliable, convenient and cost effective microwave venting—and more compact shipping of frozen food packages. These scores or slits can be registered any place on the film.

AcuVent offers busy consumers an easy, quick way to prepare sealed frozen and refrigerated foods. When film-covered food packages or bags processed with AcuVent are placed in the microwave, the steam generated from within the package bursts through the partial scoring and automatically ventilates the package. The AcuVent technology can enhance fresh produce packaging by allowing consumers to steam vegetables in the microwave without removing them from the package.

In addition, Preco's AcuVent laser technology can be adjusted to properly vent air entrapped within frozen food packages for more compact shipping.

AcuVent's proprietary technology allows use of lower power lasers. This results in lower operating costs, improves scoring consistency, and achieves higher processing rates. In fact, AcuVent processing can accommodate up to 1000 feet per minute web speed, depending upon film type and thickness.

Food packaging converters can integrate AcuVent and other Preco laser technologies with existing Preco equipment or turn to Preco's contract manufacturing services for any laser scoring, perforating or slitting processes in a wide variety of film and sizes.



AcuVent improves package venting.

Preco Offers Fiber Laser Processing Systems and Services

Preco is one of only a few job shops in the U.S. that offers fiber laser contract manufacturing services. The superior beam quality of fiber lasers increases the laser's brightness and focusability, making them an ideal choice for precision welding, cutting, cladding, converting and ablating processes. Preco has one six-kilowatt fiber laser, two one-kilowatt fiber lasers, and a 200-watt fiber laser in-house at

our Somerset, Wisconsin facility to meet any metal processing applications.

Fiber laser systems are energy efficient, have a smaller footprint than conventional lasers and can be readily configured with multiple outputs. When compared to CO₂ and Nd:YAG lasers, fiber lasers have lower operating costs, less gas usage and greatly improved process speeds. A fiber laser system

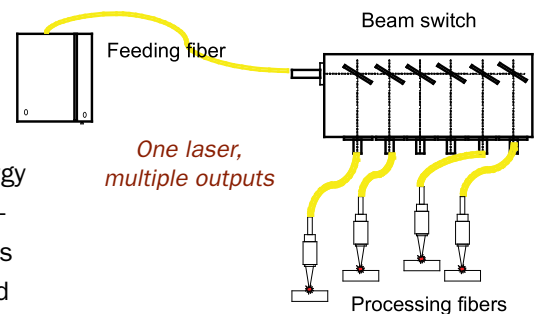


Illustration courtesy of IPG Photonics

also requires little maintenance due to the extreme longevity of the fiber laser.

Preco Die Cut Presses In a Class of Their Own



Preco's automated die cut presses have been setting the standard for accuracy, efficiency and speed for nearly 35 years. It all began in the mid-seventies when Preco developed a four-post free floating die set to help improve a press system's accuracy and to reduce the tooling costs of traditional tooling—primarily for the gasket industry. Preco engineers then built roll feeds into the system to minimize material usage, to eliminate hand feeding and to improve speed and output.

Those early innovations and the quality of the equipment earned Preco a leadership position in die cut press technology that continues today. In fact, as testimony to the durability and quality of Preco die presses, many early models are still in service today!

Through the years, Preco has continued to enhance the performance of its die cut presses for both custom and standard

applications. Preco engineers developed optical registration in 1, 2 or 3 axes—and some with tolerance as tight as + .0002" to meet the needs of the electronics, medical and graphics industries.

Preco engineers also developed quick change tooling systems, where dies can be changed in less than a minute; powered micrometers for cutting abrasives and other applications; and special knockout stations to sequentially knock out and stack magnets while overcoming polarity problems.

Today, Preco serves more than 30 different industry segments around the world with eight different size presses, seven different optics packages, sheet feeders, unwinds, rewinds, conveyors, laminators and a long list of other useful features. In addition, Preco's longstanding reputation for innovation and engineering know-how makes the company a popular choice

for custom applications, whether customers are looking for a small modification to a standard system or a one-of-a-kind dedicated line from raw material to packaged product.

About the only thing that hasn't changed at Preco during the past three decades is the company's reputation for dependability. With a 70% repeat order ratio, Preco die press customers are among the most loyal in the world! For more information, visit www.precoinc.com/systems/diecutting.html or call 913.541.0066 in the U.S. and ask for an applications specialist.

Preco Automated Die Cut Presses Are Ideal for:

- Solar
- Medical
- Printed Materials
- Electronics and Circuitry
- Gaskets
- Abrasives
- Graphics
- Self Diagnostic Test Strips
- Converting Applications
- Packaging
- And more.

Coming Soon!

Watch for Preco's Golden Laser Line

True to its mission, Preco continues to "create for others"—even during these challenging economic times. Watch for an economical, laser-based alternative for small-run engraving of advertising specialties, sports apparel and equipment, woods, plastics, filtration and industrial fabrics. It's called the Preco Golden Laser Line. You'll hear more about it in the weeks ahead.

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