Power. Precision. Speed.

Preco’s Rotary Converting Platform for high productivity die cutting

RCP 7-14 featuring 7 rotary modules and 14 unwind/rewind spindles
Complete Solutions for Rotary Converting

Preco’s Rotary Converting Platform (RCP™) for high productivity die cutting

Whether you are a contract converter requiring a fast set-up flexible configuration system or a manufacturer requiring an engineered solution for your specific rotary converting needs, Preco has a solution. Preco can guide you to the correct configuration by offering a complete range of die cutting equipment including rotary and flat-bed die cutting.

Standard Converting Solutions

The RCP product range was designed with the contract converter in mind. Responding to a multitude of new and existing contract production programs requires flexibility for unique web paths and converting stations. This flexibility coupled with rapid changeover features and reduced “make-ready” time means dramatic productivity improvements and more money going to your bottom line.

RCP Highlights

- Standard web widths of 175 mm, 250 mm and 350 mm (7”, 10” and 13”)
- The RCP offers 3, 5 or 7 manifold stations with 6, 10, or 14 servo-driven spindles.
- All die stations and standard unwind/rewind spindles are bi-directional servo-controlled.
- Web tension is via electronic gearing. Closed-loop pressure transducers for precision web tension control are available as an option.
- The quick change modular manifold design allows maximum set-up flexibility.

Engineered Purpose-Built Solutions

If you require a rotary system for a specific product or application, the RCP can be configured to meet your specification. Preco’s engineering staff will work closely with you to develop the necessary processes for each station on the system in order to minimize risk and provide a robust production system.
RCP with Laser Stations

Preco is the technology leader when integrating a laser station to a rotary web system. The drive toward smaller and more complex parts can quickly exceed the capabilities of dies. Therefore, alternative approaches need to be considered. The use of hybrid techniques such as rotary die cutting and laser cutting can greatly improve productivity for difficult to convert applications.

- Preco’s laser applications engineers will take a lead role in developing your laser process and specifying the correct configuration for your application.
- Preco will configure a FlashLite™ laser station for integration to the web press and provide single source responsibility for the complete hardware and software integration.
- The FlashLite laser station can be repositioned to any module station on the press.

Optional Accessories:
A complete range of optional accessories to meet your specific production process are available with the RCP. A partial range of options are listed below. Contact Preco to discuss your specific requirements.

- Additional web guides
- Dual rotary station
- Creasing and folding tooling
- Vacuum transfer stations
- Island placement modules
- Peel bars
- Slitting boxes
- Sheeting station
- Web spreader

Fast Die Registration
The advanced design of the RCP allows rapid registration of the die to the web resulting in substantial material savings during the set-up process.

Consistent Die Registration
The RCP is designed to maintain consistent registration at start-up speeds to 90 meters/minute (300 ft./minute).
Ask us about our new RCP XYT Registration!

The Preco 3-axis vision registration station mount is designed for critical high-end processes in the electronics and medical industries (patent pending).

MEDICAL
- Wound Care/bandages
- In-vitro diagnostics
- Filtration
- Microfluidic devices
- Dissolvable films
- Transdermal patches
- Electrodes
- Catheter mounts

ELECTRONIC
- Flexible circuits
- Filtration
- Touchscreens/displays
- Laminations
- Cell phone components

PRINT
- PSA labels
- Smart labels/RFID
- On-demand labels
- Short run label kits
- Decorative labels
- Graphic overlays

INDUSTRIAL
- Gaskets
- Abrasives
- Adhesive components
- Filtration
- Automotive components

GET IN TOUCH...
Preco, Inc. Headquarters
LENEXA, KS
913.541.0066
800.966.4686
Preco, Inc.
SOMERSET, WI
715.247.3285
800.775.2737
Preco - MPC
HUDSON, WI
715.338.3946
800.871.5296
Preco - Europe, Inc.
LONDON, UK
+44.1.227.473.900
Preco - Europe, Inc.
FRANKFURT, DE
+49.0.6387.993209
LMI, AB
NÅS, SWEDEN
(a subsidiary of Preco, Inc.)

Find us online at www.precoinc.com

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