



(<https://www.precollc.com/>)

## FLEXPRO

**Multi-Purpose Laser Machine**  
[// Model SL2400](https://www.precollc.com/divisions)

### INDUSTRIES

<https://www.precollc.com/industries> / <https://www.precollc.com/divisions> / [Laser](https://www.precollc.com/laser)  
(<https://www.precollc.com/laser>) / [Laser Processing Equipment](https://www.precollc.com/laser/equipment)  
(<https://www.precollc.com/laser/equipment>) / [FlexPro](#)

### CAPABILITIES

<https://www.precollc.com/capabilities>

### MATERIALS

<https://www.precollc.com/materials>



## High Speed Precision

The Preco FlexPro® laser system provides the speed of scan head processing with all the versatility of an XY motion system. Now with both scan head and fixed-head processing available on one machine, the FlexPro may be the only laser you ever need.

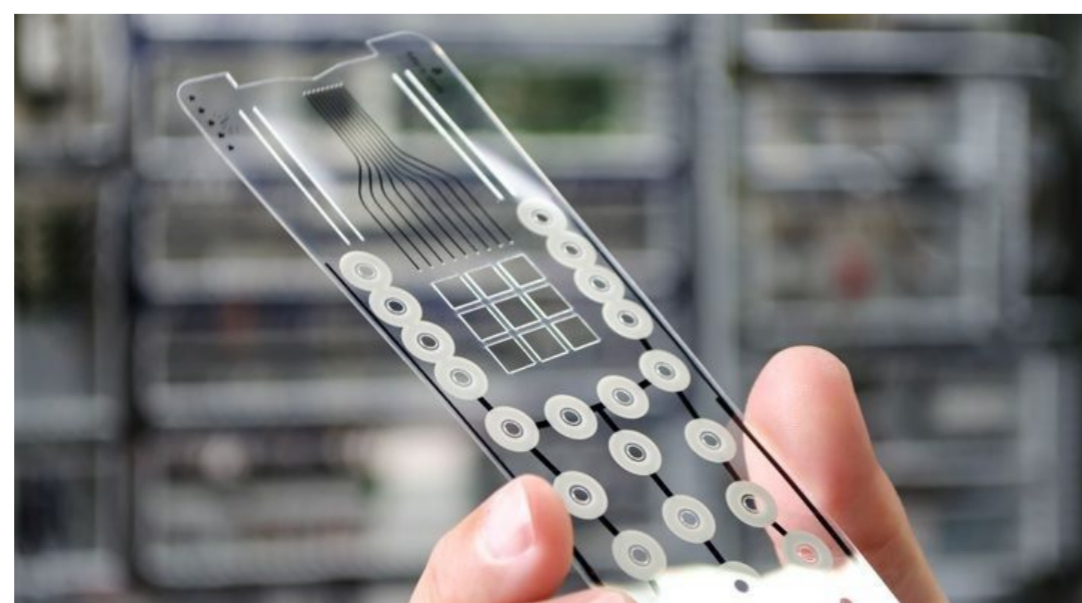
### Applications

- ▶ Adhesives
- ▶ Card Stocks & Paperboard
- ▶ Flex Circuits
- ▶ Gaskets
- ▶ Labels/PSAs
- ▶ Membrane Switches

## Tight tolerances with lots of room.

The Preco FlexPro offers large area laser processing with the tolerances found in small area processing systems. AcuBeam™ controller features such as AcuPower and closed loop power control allow precise laser cutting and laser kiss-cutting over a large area.

### FlexPro Laser Converting System



Preco's non-contact laser processing eliminates tool and die fabrication, maintenance and storage costs. Convert any intricate patterns your part requires without burrs or debris left on the cutting edge.

### MATERIALS

- ▶ Adhesives
- ▶ Card Stocks & Paperboard

### CAPABILITIES

- ▶ Laser Ablation
- ▶ Laser Cutting
- ▶ Laser Etching

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## FEATURES & BENEFITS

Just some of the many benefits of buying a Preco FlexPro laser machine.

### X-Y Table with Galvanometer

Larger sheet and part sizes cut with higher precision and better quality

### Preco Patented AcuPower™

Provides uniform processing independent of cut shape and processing speeds

### Pneumatic Exhaust Gate

Programmable vacuum control during the load and unload process

### Vision Registration System (Optional)

Single or dual cameras for X-Y-θ positioning of the cut pattern to material features

### Automatic Tiling

Saves programming time because large cut fields are automatically segmented to fit current field-of-view

### Job Database

Reduces set-up time; consistent production from operator to operator

### Laser Choices

Configured to accept various laser wavelengths and power based on material to be processed

### Fixed 3-Axis Scan Head

Allows for field of view (FOV) adjustments without changing optics

### Automation Choices

Customization options to accept a variety of sheet loaders and unloaders

### Fixed-Beam Option

Allows processing of thicker materials traditionally not cut on a scan-head

## TECH SPECS

Technical parameters are based on a baseline standard but all Preco FlexPro laser machines can be customized to meet your product's needs.

	<b>FlexPro LS</b>	<b>FlexPro XL</b>
<b>Machine Footprint</b>	Width: 64 in (1.6 m)	Width: 92 in (2.3 m)
	Depth: 96 in (2.4 m)	Depth: 96 in (2.4 m)
	Height: 80 in (2 m)	Height: 80 in (2 m)
<b>X-Y stage (Servo Driven)</b>	28 x 28 in (711 x 711 mm)	25.6 x 40 in (650 1016 mm)
<b>Fixed-Beam</b>	N/A	Optional
<b>Lower Vacuum Work Support</b>	Included	
<b>Laser Wavelengths</b>	9.3 μm, 10.2 μm or 10.6 μm	
<b>Safety Enclosure</b>	Class 1 or Class 4	
<b>AcuBeam™ Software</b>	Windows® based with full graphical / CAD interface	
<b>Password Protection</b>	2-Levels: Administrator & Operator	
<b>Laser Power</b>	70 - 400 Watts (Other laser sizes available per request)	
<b>Power Requirements*</b>	Controller & Chiller (Int) - 380-420 VAC, 3 PH, 50 Hz	
	Controller & Chiller (US) - 200-230 VAC, 3 PH, 60 Hz	

The above data is subject to change. All specifications are dependent on laser power, material type and thickness, and process platform - consult with a Preco associate.

\* Laser Chiller may be powered separate or by laser system.

## GENERAL LASER CONVERTING EQUIPMENT LINE



### FlexPro

(https://www.precollc.com/laser/equipment/flexpro)

#### Multi-Purpose Laser Machine

##### DIVISIONS

(HTTPS://WWW.PRECOLLC.COM/DIVISIONS)

##### CAPABILITIES

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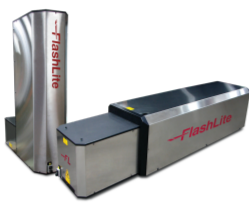


### WebPro Series

(https://www.precollc.com/laser/equipment/webpro-series)

#### Web-Based Laser Processing Machine

(https://www.precollc.com/laser/equipment/webpro-series)



### FlashLite G Laser Modules

(https://www.precollc.com/laser/equipment/flashlite-g-laser-modules)

#### High-Speed Laser Processing Module

(https://www.precollc.com/laser/equipment/flashlite-g-laser-modules)

FlashLite G Modules provide high-speed, laser processing for through cutting, kiss-



### Mini FlexPro

(https://www.precollc.com/laser/equipment/mini-flexpro)

#### Compact Laser Processing Machine

(https://www.precollc.com/laser/equipment/mini-flexpro)

The Mini FlexPro laser processing system offers innovative solutions for high-speed laser processing of flexible circuits.

high-speed laser processing of flexible circuits.

### Wide WebPro Series

(https://www.precollc.com/laser/equipment/webpro-series)

#### Jumbo Roll Laser Processing Machine

(https://www.precollc.com/laser/equipment/wide-webpro-series)

The Wide WebPro Series is a wide based, traveling head laser system for roll-to-roll or roll-to-discrete part processing.

roll-to-roll or roll-to-discrete part processing.

roll-to-roll or roll-to-discrete part processing.

roll-to-roll or roll-to-discrete part processing.

roll-to-roll or roll-to-discrete part processing.

## HAVE QUESTIONS?

Reach out to a Preco sales representative directly to get your project started.

## EQUIPMENT SALES



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## Quick Contact

NAME Required

COMPANY Required

EMAIL Required

LOCATION Required

PROJECT DETAILS Required

SUBMIT



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### Contract Manufacturing

✉ Email  
(mailto:sales@precollc.com?subject=Contract%20Manufacturing)

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### Laser Equipment

✉ Email  
(mailto:sales@precollc.com?subject=Laser%20Equipment)

### RECENT NEWS

Preco Releases New AcuBreathe Nano Technology  
(https://www.precollc.com/releases-new-acubreathe-nano-technology)

Preco, LLC Announces Sale to Argosy Private Equity  
(https://www.precollc.com/inc-announces-sale-argosy-private-equity)

### DIVISIONS

▶ LASER  
(HTTPS://WWW.PRECOLLC.COM/LASER)

▶ ROTARY DIE CUTTING  
(HTTPS://WWW.PRECOLLC.COM/ROTARY-DIE-CUTTING)

▶ FLAT BED DIE CUTTING  
(HTTPS://WWW.PRECOLLC.COM/FLAT-BED)

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**Die Cutting Equipment**

[CAREERS \(HTTPS://WWW.PRECOLLC.COM/CONTACT/CAREER-OPPORTUNITIES\)](https://www.precollc.com/contact/career-opportunities)



**Passing of Scott Wagers**

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announces-passing-scott-

[mailto:sales@precollc.com?](mailto:sales@precollc.com)

wagers)

Subject: Pre 20 Cutting Equipment

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<https://www.youtube.com/c/precollc/>

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