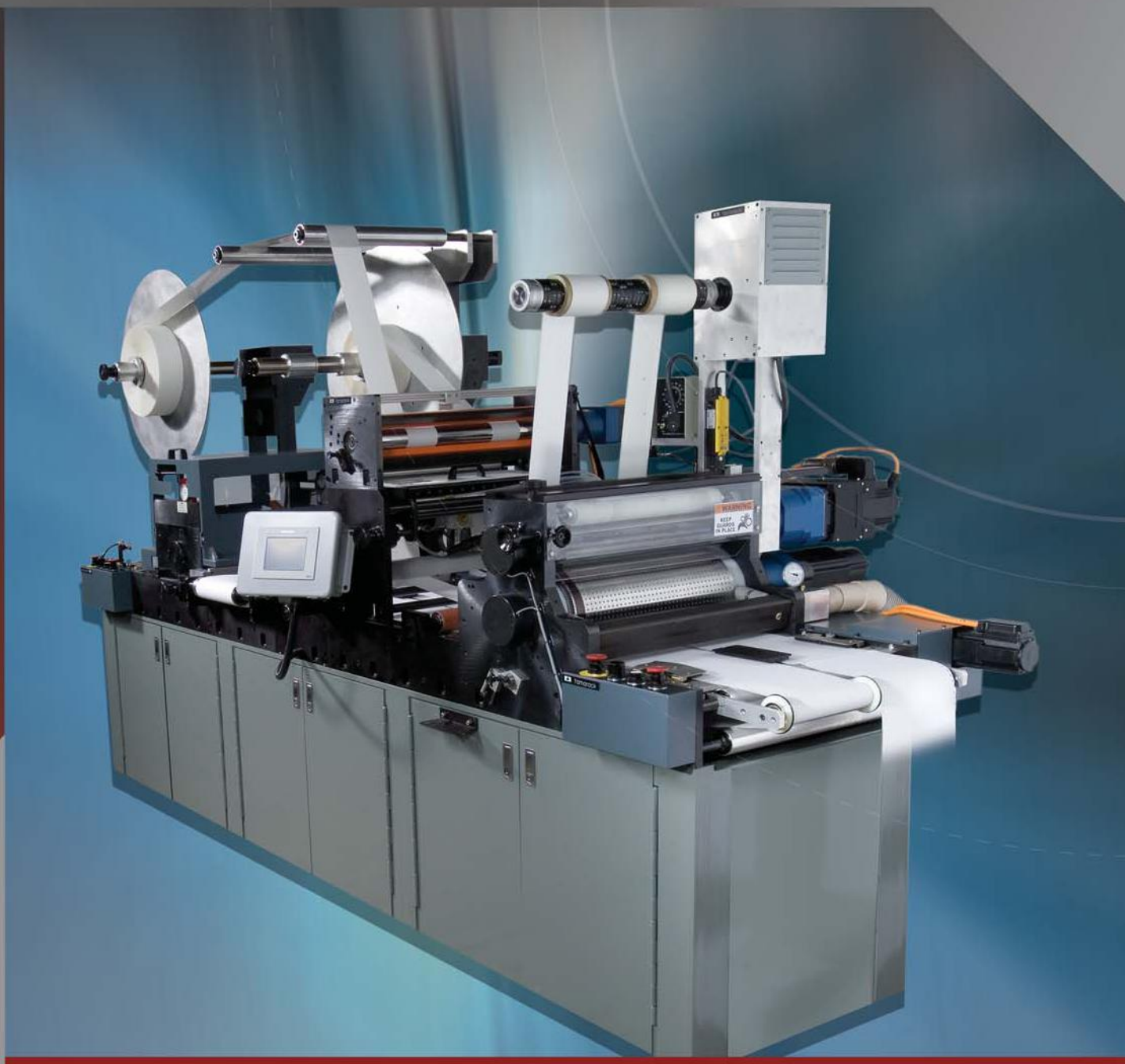
VERSA-WEB SE



Advanced Servo Technology.
Web Finishing Experience.

tamarack®

Achieve New Levels of Web Finishing Success.

Gain the competitive advantage when producing integral labels, integral cards, scratch-off patches, magnet cards, and more. The Tamarack Versa-Web SE web finishing system combines proven Tamarack patching and die-cutting technology with the increased performance of servo drive technology. This flexible, modular system provides high speeds, excellent accuracy, and quick job set-up to allow maximum productivity on all run lengths.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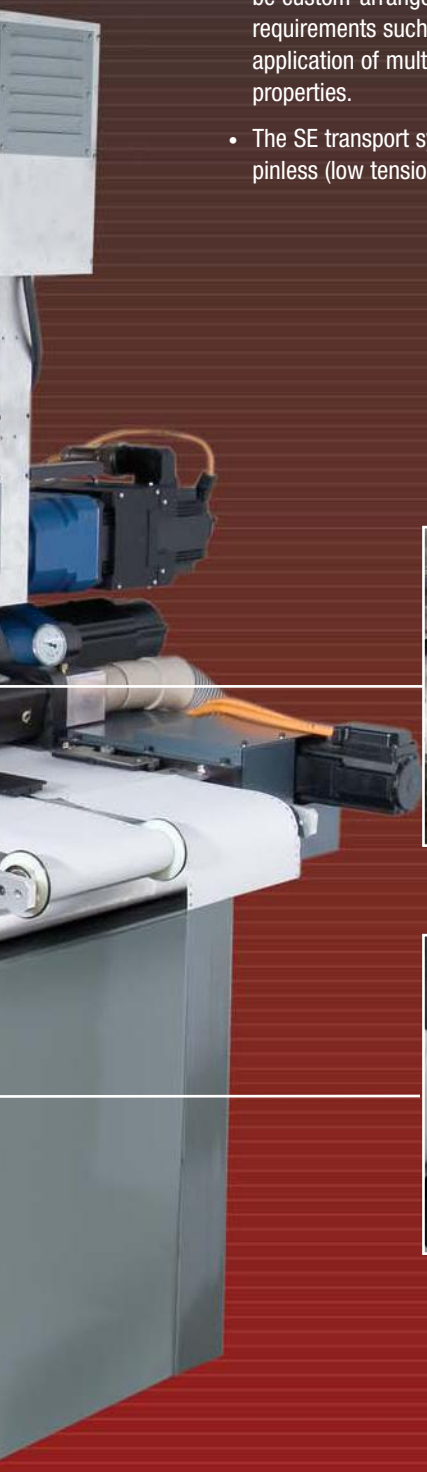
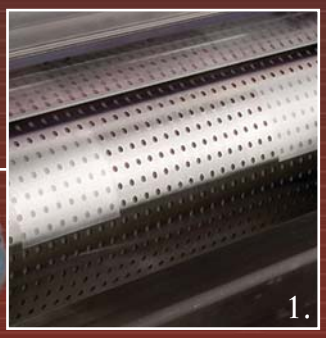
TAMARACK VERSA-WEB SE

MODULAR COMPONENT DESIGN

The SE's innovative design allows for easy customization and scalability.

- Each component is independently servo-driven and assembled as a module. These modules can be custom-arranged on the base to meet production requirements such as two-sided die-cutting and application of multiple patches with differing properties.
- The SE transport system is available in both pin and pinless (low tension) configurations.

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1 PATCH APPLICATION UNIT

Cut off and affix a wide variety of roll-fed materials, from thin release liner for integral labels, to thick magnet material for magnetic cards. Pre-printed material such as labels and coupons can also be applied.

- Servo-driven cut-off cylinder provides all repeats without cylinder change.
- Servo-driven feed roller allows patch length change via touchscreen control.
- Tamarack Quick Change Bars in the cutting cylinder provide fast blade changes and easy height adjustment to increase/decrease cut pressure.
- Vacuum holes spaced in a ½" grid assure accurate registration.

2 HOT MELT COATING SYSTEM

Reduce material costs on medium to long run integral label jobs by coating release liner with pressure-sensitive adhesive. The hot melt unit can also be used to apply glue to label stock for affixed labels.

- The very thin adhesive coating is precisely controlled by sophisticated, closed-loop communication between the hot melt glue pump and the Versa-Web's servo drive system.
- Web cooling fan efficiently minimizes liner moisture loss for excellent liner layflat.
- Quick set-up features maximize productivity.

3 INTEGRAL CARD TURN BAR SYSTEM

Produce integral cards with top and back laminates in a single pass. The top laminate patch is applied to the face of the paper, then the paper is turned over and routed to the same vacuum applicator cylinder to receive the back laminate patch. The web then continues to the die cut unit to create the integral card.

4 DIE CUT UNIT

Die cut integral labels and integral cards by placing a flexible die on the magnetic cylinder.

- Adjustable cutting depth feature gives the operator precise control over the perfect cut.
- Quick set-up due to lateral and vertical registration adjustments.
- Rigid frame and cylinder construction assures cut consistency.

5 OPERATOR INTERFACE

An easy-to-understand touchscreen is centrally located for convenient operator access. Push button stations on each end of the Versa-Web SE assure that stop, jog, and run controls are always within easy reach.

Technical Specifications

Patch Material	Most roll-fed materials such as laminates, tapes, scratch-off laminates, roll-fed magnet material, RFID inlays, and labels.	Patches cut and applied from rolls up to 30" (760mm) diameter.
Carrier Web	Maximum Width	19" (480 mm) for 2-wide production; 9.5" (240 mm) when using Integral Card Turn Bar System.
	Maximum Speed	500 ft/min (150 m/min) standard. Higher speed machines are available.
	Processing Format	Pack-to-pack, roll-to-roll, roll-to-sheet, roll-to-fold.
Vacuum Applicator Cylinder	Drive System	Servo
	Circumference	24"
	Vacuum Holes	Located every ½" across the cylinder and every ½" around the cylinder. This hole spacing allows +/- .020" (.5 mm) registration.
Patch Cutting Cylinder	Drive System	Servo to accommodate different web repeats without cylinder change.
Feed Unit and Unwind	Patch Length	1" (25.4 mm) to 11" (280 mm), servo controlled.
	Patch Width	1" (25.4 mm) to 17.75" (450 mm)
	Patch Roll Core Diameter	3" (76.2 mm) diameter
	Patch Roll Diameter	30" (760 mm) maximum
Die Cut Unit	Standard Undercut on Magnetic Cylinder	.0228" (580 microns)
	Drive System	Servo
	Web Repeats	Magnetic cylinder matches web repeat to provide high-speed cutting.
Examples of Additional Modules	Die Cut Module	For applications requiring die cutting and chip removal prior to patching or dual-side die-cutting.
	Pressure Seal Glue Modules	To apply pressure seal glue to the face and back of form.
	Versa-Web P500	The P500 is a press version of the Versa-Web SE, for inline production of integral labels and RFID labels.

The Versa-Web SE is CE-compliant.

Tamarack Products Inc.

Tamarack manufactures equipment for the business form, packaging, and label industries, providing innovative and custom solutions since 1969. Products include glue applicators, die cut units, carton windowing, and web finishing equipment for a variety of applications including mailers, card/form combinations, label/form combinations, and RFID labels/tags. In-house engineering, servo-drive programming, manufacturing, and assembly provide efficient and quality response to customer requirements. Put Tamarack to work for you!

tamarack

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