

Austik Diamond 13 Series

Durable. Dependable. Distinctive.

Label Laminating and Converting Equipment



The Diamond 13 Series easily integrates into a variety of labeling applications including:

- Healthcare specimen
- Pharmaceutical
- Electronics
- Health/Medical
- Nutraceutical
- Food/Wine
- Cosmetic and personal care
- Automotive/Tires
- Hazard/Warning
- Component
- Asset management
- Life sciences
- Manufacturing
- Warehouse shelf and inventory control
- Horticultural
- Chemical
- Product identification
- Compliance labeling
- Private labeling
- Service bureaus
- Label printers
- *and many more applications*

The perfect finishing equipment

The Diamond-13 series allows you to add lamination to any digital or flexo printed label. The equipment re-registers, laminates, die cuts and converts printed labels into finished rolls. Laminate and die cut printed labels roll-to-roll or in-line with any digital output press or roll-fed printer in web widths up to 13.25".

Unique re-registration die cutting

The unique reciprocating rotary system with re-registration converts printed labels. Other models are available to convert printed labels, to convert blank labels, or to do both. The upgradeable machines allow you to pick the die cutting option you need now and add other capabilities as your business grows or your needs change.

User friendly and dependable

The die cutting area is easily accessible for quick and easy die changes. The clear top allows you to see the die cutting operation in action. All job changes are done without removing any cylinders from the press. Flexible dies are easy to change on the magnetic cylinders. Runs reliably 24/7.

Great value for a small investment

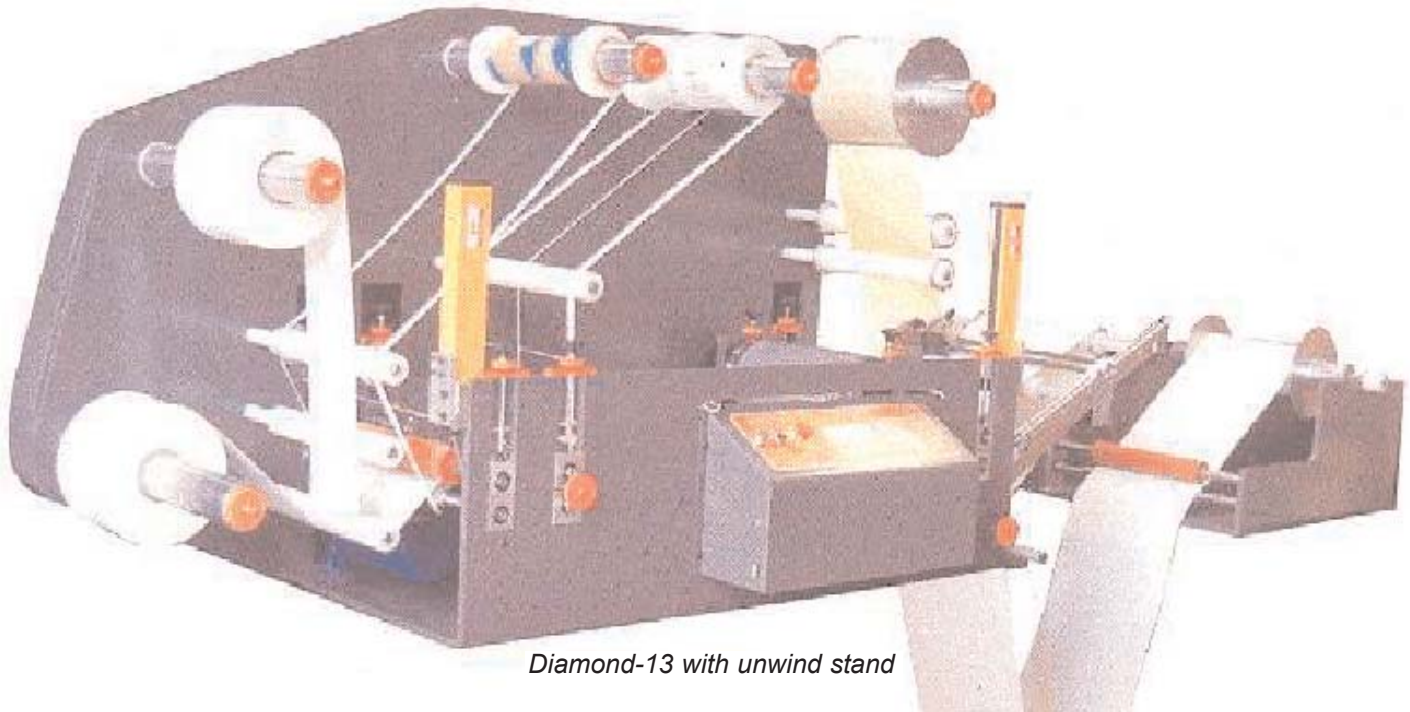
All Diamond label converters are easy to set up and changeover from one job to the next. The magnetic cylinders accept standard, low cost flexible dies. The machine's small footprint helps eliminate time and waste during setup and label changeovers.

Get the *Austik Advantage* with these standard features

- Speeds up to 6" per second for re-registration
- Die cut up to 13" x 18"
- Web widths up to 13.25"
- Re-register to printed mark or print area in label with an accuracy of +/- 0.2 mm
- Convert in-line with any digital output press or roll fed printer.
Use stand alone for roll-to-roll converting.
- PCB fully digital electronic controls
- Loop sensor to prevent printer damage
- Use either lined or self wound lamination
- Rotary knife slitter
- Rugged 5/8" aluminum frame.

Austik
www.diamond-10.com

The Diamond-13 is **durable** label converting equipment which is **dependable** for everyday use, 24/7 shifts. The **distinctive** design provides unique die cutting for pre-printed material.



Diamond-13 with unwind stand

Machine Specifications

Media Sizes

Max. Media Width: 13.25"
Max. Media OD: Must run inline with printer or from external unwind

Finished Label Specifications

Max. Die Cut Label Width: 13"
Max. Material Width: 13.25"
Max. Die Cut Label Length: 18"
Butt Cut Labels
Max. Thickness: 11 mils

Laminate

Self-wound or lined laminate

Tension Controls

Manual control friction clutches on rewind and laminate mandrills

Electronic Controls

PCB Fully digital electronic controls.

Registration System

Adjustable electronic mark sensor.
Registration Accuracy: +/- 0.2mm

Interface Capabilities

Loop sensor: supply feed from printer includes electronic distance detection sensor to prevent printer damage.

Die Cutting Method

Reciprocating rotary magnetic cylinder travels against fixed anvil plate.

Dies

Standard flexible dies for a magnetic cylinder

Cutting speeds

Up to 6" per second (152mm per second) for pre-printed or blank labels +/- 10%

Construction

5/8" aluminum frame with durable powdercoated heat set paint.

Power Supply

AC 100 to 220 VAC 50/60 Hz 25W selectable

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