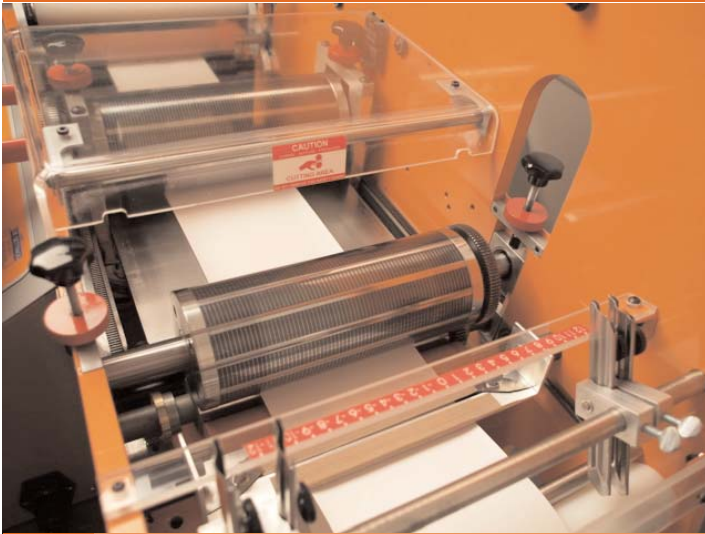


Austik Diamond 10 Series

Durable. Dependable. Distinctive.

Label Laminating and Converting Equipment



The Diamond 10 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-10 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 10.25".

Unique re-registration die cutting combined with high-speed rotary die cutting

The Diamond-10 series offers two die cutting options. The unique reciprocating rotary system with re-registration converts printed labels. The full rotary system converts blank labels. 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

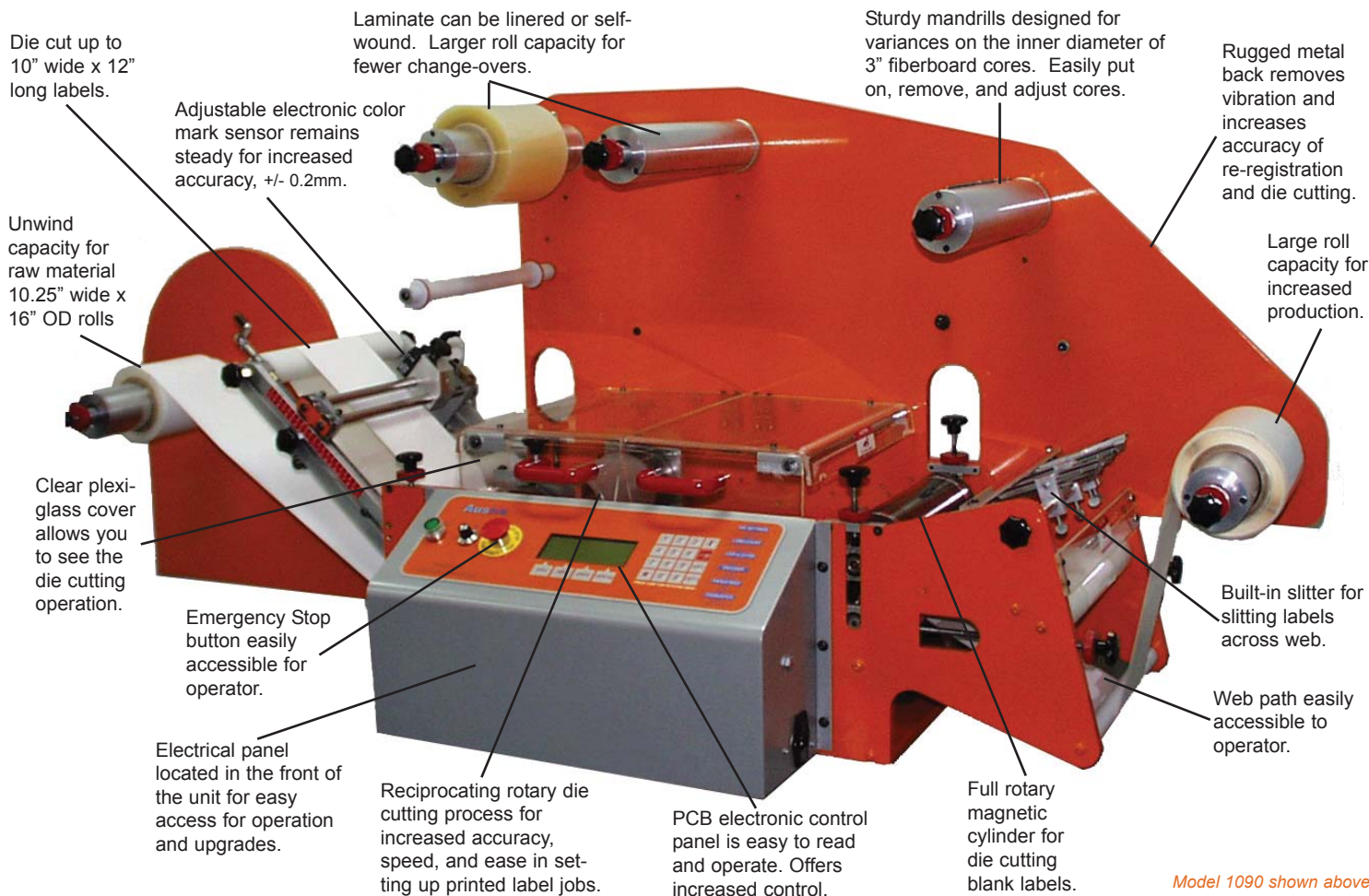
All Diamond 10 label converters are easy to set up and changeover from one job to the next. The magnetic cylinders accept standard, low cost flexible dies. The machine's small footprint helps eliminate time and waste during setup and label changeovers.

Get the *Austik Advantage* with these standard features

- Speeds up to 6" per second for re-registration and up to 18" per second for full rotary.
- Die cut up to 10" x 12"
- Web widths up to 10.25"
- 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
- Slit to smaller rolls with built in slitter
- Rugged 5/8" aluminum frame.


www.diamond-10.com

The Diamond 10 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 and for converting blank die cut labels.



Machine Specifications

Roll Sizes

Max. Supply Roll Width: 10.25" (260 mm)
 Max. Supply Roll OD: 16"
 Laminate Roll Max. OD: 10.5"

Finished Label Specifications

Max. Die Cut Label Width: 10" (254 mm)
 Max. Material Width: 10.25" (260 mm)
 Max. Die Cut Label Length: 12" (305mm)
 Min. Label Length: 1/4" with 4" die stroke
 Butt Cut Labels: any length
 Max. Thickness: 11 mils

Tension Controls Manual control friction clutches on unwind/rewind mandrels

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

Electronic Controls PCB Fully digital electronic controls.

Dies Standard flexible dies for use with magnetic cylinder

Standard Slitter Min. Width 1.125", Max. Width 10"
 Number of Blades (standard): 4, Type of Blades: snap off

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

Physical Characteristics Base 40" W x 27" D
 Length with all arms & mandrills: 79.5", Depth 27"
 Height with all arms & mandrills: 33.25"

◆ **Reciprocating Rotary Die Cutting & Laminating with re-registration. Models 1090, 1080, and 1070 for printed labels.**

Die Cutting Method Reciprocating rotary magnetic cylinder travels against fixed anvil plate.

Cutting speeds up to 6" per second (152mm per second) for pre-printed labels +/- 10%

Laminate Self-wound or lined laminate

Registration System

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

Interface Capabilities Loop sensor: supply feed from printer includes electronic distance detection sensor

Weight 450 lbs. (243 kg) approx.

Shipping Weight 475 lbs (256 kg) approx.

◆ **Full Rotary Die Cutting. Models 1090, 1060, and 1050 for blank labels.**

Die Cutting Method Full rotary, magnetic cylinder

Cutting Speed Variable cutting speeds up to 18" per second (456 mm per second).

Weight 415 lbs (224 kg) approx.

Shipping Weight 450 (243 kg) approx.

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