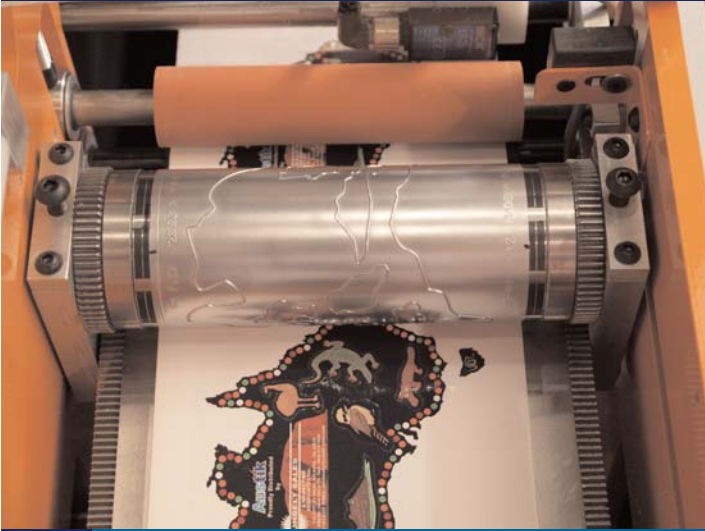


# Austik Diamond Mini-6

*Durable. Dependable. Distinctive.*

## Label Laminating and Converting Equipment



The Diamond Mini-6 is ideal for short run and in house labeling applications including:

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

### The new Mini-6 gives Max Advantages

The new Austik Diamond Mini-6 gives you maximum advantages. The Mini-6 solves the problem of putting lamination on variable information printed labels, where and when you need it. Operating in-line with any roll fed printer, these machines re-register, laminate, die cut and convert printed labels into finished rolls. Add an optional unwind and convert pre-printed labels roll-to-roll. The small size and small price give you the option of adding multiple units on the manufacturing floor or in print shops.

### Unique re-registration and die cutting in a Mini package

The unique reciprocating rotary system with re-registration allows you to convert printed labels. With a change of a setting in the PLC you can even convert blank labels. Butt cut labels or die cut, strip the matrix and put finished labels on rolls.

### User friendly and dependable

Operating and making job changeovers on the Mini-6 is simple, requiring few changes in the PCB. The die cutting area is easily accessible for quick and easy die changes. The clear top allows you to see the die cutting in action. Inexpensive flexible dies are easy to change on the magnetic cylinder. Runs reliably 24/7.

### Exceptional value for a Mini investment

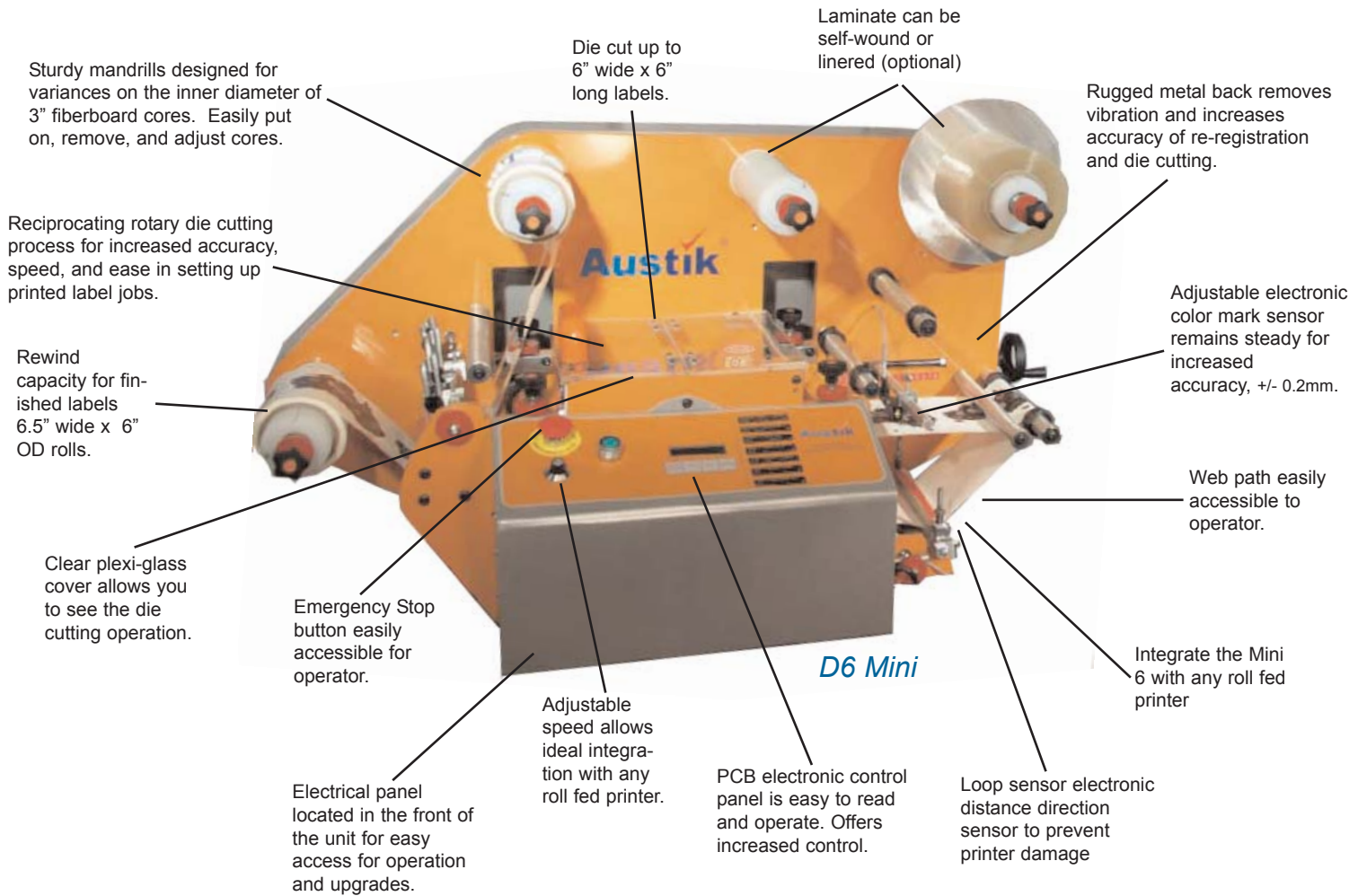
Because the Mini-6 is easy to operate and to changeovers, it saves time, materials and money. The magnetic cylinders accept standard, low cost flexible dies. The extremely small footprint and feed path helps eliminate the waste of time and materials during setup and label changeover.

### Get the *Maximum Advantage* with the Mini-6

- Compact unit converts finished labels on a table top
- Speeds up to 8" per second
- Die cut up to 6" x 6" finished label size
- Butt cut 1" to 17.7' (25.4 mm to 5.4 m)
- Web widths to 6.5" (165 mm)
- Re-register to printed mark or print area in the label with an accuracy of + / - 0.2mm.
- Convert in line with any roll-fed printer or roll-to-roll with optional unwind
- PCB fully digital electronic controls
- Loop sensor to prevent printer damage
- Standard for self wound and lined lamination
- Rugged 5/8" aluminum frame and hardened steel die cutting bed
- Built in knife cutting blade assembly for in-line slitting
- Full warranty program and extended support programs available

**Austik**  
www.mini-6.com

The Diamond Mini-6 is durable and dependable for every day use. The distinctive design in a Mini package allows you to die cut pre-printed material and to convert blank labels.



Sturdy mandrills designed for variances on the inner diameter of 3" fiberboard cores. Easily put on, remove, and adjust cores.

Die cut up to 6" wide x 6" long labels.

Laminate can be self-wound or lined (optional)

Rugged metal back removes vibration and increases accuracy of re-registration and die cutting.

Reciprocating rotary die cutting process for increased accuracy, speed, and ease in setting up printed label jobs.

Adjustable electronic color mark sensor remains steady for increased accuracy, +/- 0.2mm.

Rewind capacity for finished labels 6.5" wide x 6" OD rolls.

Web path easily accessible to operator.

Clear plexi-glass cover allows you to see the die cutting operation.

Emergency Stop button easily accessible for operator.

*D6 Mini*

Integrate the Mini 6 with any roll fed printer

Electrical panel located in the front of the unit for easy access for operation and upgrades.

Adjustable speed allows ideal integration with any roll fed printer.

PCB electronic control panel is easy to read and operate. Offers increased control.

Loop sensor electronic distance direction sensor to prevent printer damage

## Machine Specifications

### Media Sizes

Max. Media Width: 6.5" (165 mm)  
Max. Media OD (optional):  
Laminate Roll Max. OD: 8" (203.2 mm)

### Finished Label Specifications

Max. Die Cut Label Width: 6" (152.4 mm)  
Max. Material Width: 6.5" (165 mm)  
Max. Die Cut Label Length: 6" (152.4 mm)  
Min. Label Length: 1/4" with 6" die stroke  
Butt Cut Labels: 1" to 17.7" (25.4mm to 5.4 m)  
Max. Thickness: 11 mils

### Laminate

Self-wound or lined laminate

**Standard Slitter** Number of Blades (standard): 3, Type of Blades: snap off

### 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 use with 8" (203.2 mm) magnetic cylinder

### Cutting speeds

Up to 8" per second (203.2 mm 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

### Physical Characteristics

Base 16.5" x 16.5" (419.1 mm x 419.1 mm)  
Length and width all arms & mandrills: 38" x 26" (465.2 mm x 660.4 mm)  
Height with all arms & mandrills: 24" (609.6 mm)

**Weight** 158 lbs (71.7 kg)

**Shipping Weight** 202 lbs (87 kg)

Austik Technologies, A division of Sunbelt Sales & Marketing Associates, Inc.  
T: 800-783-6258 or 404.892.8778, F: 404-874-1654, Email: shirlhandly@diamond-10.com  
Address: 170 Ottley Drive, Atlanta, GA 30324 USA

NE Sales Office: (860) 286-9444, F (860) 371-2395, Email: rebeccabkrumm@diamond-10.com

www.diamond-10.com