

MODEL 241/242/243

ANGLE TRIMMER

This Angle Trimmer is available as a one, two or three head model. The purpose of this machine is to trim or deflash rubber or plastic parts that require a precision edge. A variety of chucking techniques are available to hold and spin circular parts, including air chucks, vacuum plates, collets, etc. High speed spindles are standard equipment and allow for an infinitely adjustable 200-2600 rpm range.

The cutting heads are independently adjustable for angle, stroke, length, stroke speed, position of cut and position to retract. The heads are designed to accept front mount or rear mount knife holders providing a wide range of cutting combinations and a total angle of adjustment of +5° to -95° (100° total adjustment) from straight up.

These machines are designed with PLC logic to run in many different modes. Heads can be individually cycled to move, extend stroke, rotate spindle, cut, retract and stop in a manual or single cycle mode.

The machine has several modes of automatic cycling. Multiple heads can be set to cut at the same time, or each head can run by itself. All automatic cycle starts are actuated by ergonomic touch button. Vacuum chucks have a "part secure" vacuum gauge and sensor switch, which prevents the cycle starting until the vacuum is at full strength.

A list of standard features and available options is found on page 2.

Call for a quotation or to discuss your needs today.



Mitchell Inc.

PO Box 413, 1321 Leininger Ave., Elkhart, IN 46515

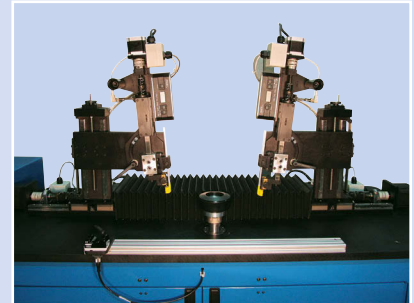
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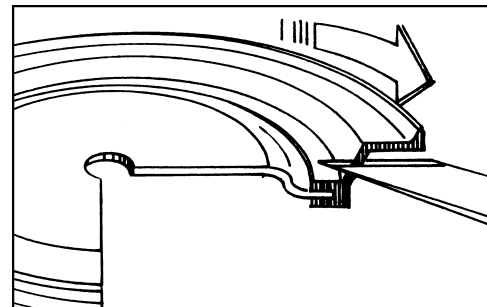
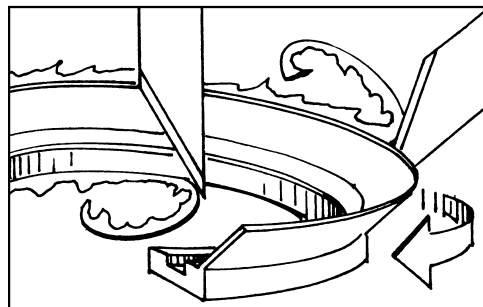
Model 241 / Single Angle Trimmer (1-2 cuts)
Model 242 / Double Angle Trimmer (1-4 cuts)
Model 243 / Triple Angle Trimmer (1-6 cuts)

The following list of specifications and standard features is for reference only. As each unit is specially constructed, the available options you choose for your version of the Model 241 may be selected from the choices provided below. Please contact Mitchell Inc. for additional information.



SPECIFICATIONS:

- SPINDLE SPEED:** Digital controlled from 200-2600.
- KNIFE SPEED:** Controlled by digital setting.
- ELECTRICAL SYSTEM:** 480 VAC 3-phase. Other voltages available upon request.
- AIR SYSTEM:** Requires 80 psi good clean compressed air; includes vacuum generator, air filters, regulators.
- BASE DIMENSIONS:** 78" wide x 40" deep. Please allow additional 30" on the right side of the machine for electrical cabinet opening.
- SPINDLE:** Precision Milling Spindle rated 5,000 rpm (top speed of spindle 2,700 rpm). Spindle driven by a timing belt.
- DRIVE MOTOR:** 2 HP
- MAX. PART SIZE:** 1" - 9" diameter, up to 2" thick; any elastomer, thermoplastic material.
- AVAILABLE OPTIONS:** Air operated chuck, collet style chuck, vacuum style hold down.



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