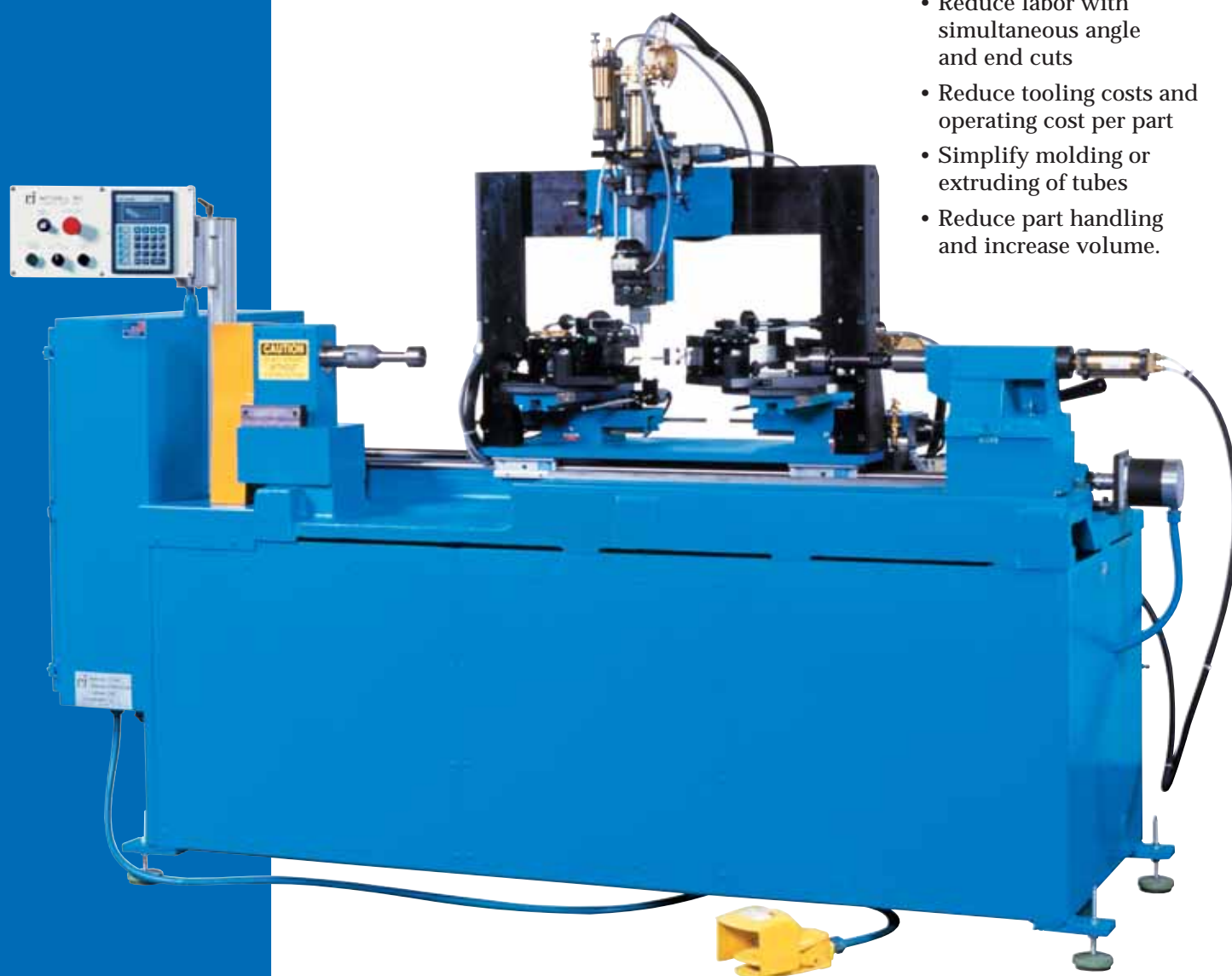


# **MODEL 111-DAC**

## **AUTOMATIC DOUBLE ANGLE CUTTER**



- Reduce labor with simultaneous angle and end cuts
- Reduce tooling costs and operating cost per part
- Simplify molding or extruding of tubes
- Reduce part handling and increase volume.



**Mitchell, Inc.**

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Fax: 574-295-3798 • Telephone: 574-295-3509  
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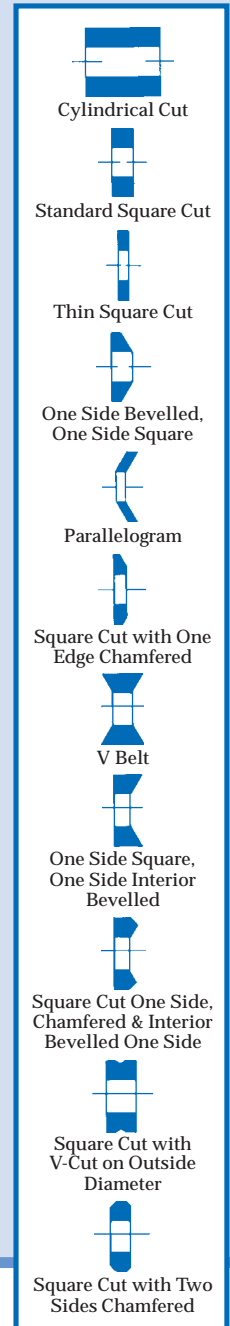
## Model 111-DAC Automatic Double Angle Cutter



The following list of specifications and standard features is for reference only. Please contact Mitchell, Inc. for additional information.

### SPECIFICATIONS:

<b>INDEXING:</b>	Width of cut from ten-thousandths (0.010") to 24".
<b>MANDREL:</b>	Adjustable length from 48" to 3" and stock from 12" O.D. to the minimum extrudable size that will fit mandrel.
<b>MANDREL SPEED:</b>	Variable from 0 to 2,700 RPM.
<b>KNIFE SPEED:</b>	Controlled by a hydrocheck.
<b>ELECTRICAL SYSTEM:</b>	480VAC 3 Phase. Solid State electrical control.
<b>AIR SYSTEM:</b>	Requires at least 80 PSI clean compressed air. All components are standard air cylinders, hydrochecks and valves, including the filter, regulator and lubricator.
<b>WAYS:</b>	1" roundway case 60 hardened precision shafts.
<b>BASE DIMENSIONS:</b>	32" x 85" all welded construction with 4 leveling pads.
<b>TOP DIMENSIONS:</b>	32" x 85" cast iron one piece machined top.
<b>SPINDLE:</b>	Precision milling spindle rated 5,000 RPM (top speed of spindle — 2,700 RPM). Spindle driven by a timing belt.
<b>DRIVE MOTOR:</b>	2 HP, 0 to 1,750 RPM AC motor with Variable Frequency Solid State Control.
<b>TAIL STOCK:</b>	Standard 15" tail stock mounted on machined ways and pneumatically operated.
<b>KNIFE HOLDERS:</b>	1½" square tool steel shaft with 4½" bearing block. Will accept 1/8" x 1/4" x 5" carbide knife.
<b>CARRIAGE:</b>	1½" x 6" x 16" aluminum tooling plate mounted on precision ball bearing linear guide. Carriage movement controlled by stepping motor.
<b>AUTOMATIC CARRIAGE RETURN:</b>	Carriage returns to home position on completion of last cut.
<b>ANGLE CUTTER HEAD:</b>	2 rotary tables mounted on a precision compound slide. Knife holder with 4½" bearing block. Knives driven by air motor and hydrocheck.



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