

CNC300 AUTOGAUGE



CNC300 is a control for Automec backgauges that can be programmed as simply as the CNC150 or it can be programmed to use an array of sophisticated functions.

CNC300 will control any of the Automec backgauge configurations as either a 1-axis (backgauge), 2-axis (ram control) or 3-axis (programmable gauge bar height).



AUTOMEC, INC.

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CNC 300 AUTOGAUGE CONTROL

CNC GAUGING FOR PRESSBRAKES

TOOL PARAMETERS CAN BE LOADED FOR EASY JOB RECALL.

RAM CAN BE PROGRAMMED IN DEPTH MODE OR ANGLE MODE

VELVET-LEXAN FRONT PANEL FEATURES HIGH-FEEDBACK TACTILE FEEL PUSH KEYS.



3 SEPARATE DISPLAY WINDOWS MEANS UP TO 3 AXES CAN BE DISPLAYED AT THE SAME TIME.

LED INDICATORS MONITOR SYSTEM FUNCTION.

PARTS COUNTER CAN BE VIEWED BY MOMENTARILY PRESSING ONE BUTTON. WHEN RELEASED YOU RETURN TO THE PROGRAM.

FEATURES

- **Incremental Corrections**—dimensions can be corrected by adding or subtracting incrementally from the existing dimension.
- **Bend Allowance**—All backgauge dimensions can be offset with one data entry up to $\pm .393''$
- **Angle Mode with Angle Correction**—When programming in degrees the actual angle can vary from the programmed angle due to material thickness variations or springback. Simply program your measured angle and the CNC300 will adjust automatically to correct programmed angle.
- **Teach Mode**—Simply bring the pressbrake ram to the correct bending angle for each step of the program and press **ONE** button to program that position.
- **Backgauge Retract/Delay**—Backgauge can be programmed to retract away from the die for a specified time and distance to allow the operator time to reposition the workpiece.
- **Backgauge Retract on Pinch Point**—On 2-axis hydraulic brakes this feature allows you to program the backgauge to retract once the workpiece is pinched in order to clear reverse bends. Both time and distance of retract can be programmed separately for each bend.
- **Ram Offset**—All of the Ram depths can be offset with one data entry up to $\pm .393''$
- **Self diagnostics**—Error codes appear for programming mistakes or system malfunction.

TECHNICAL SPECIFICATIONS

Up to 11 digit part numbers can be assigned
300 jobs (00 to 300)
10 bends per job
Cycles – up to 9 per bend
Programmable delay/retract between bends (0-9 sec.)
1, 2 or 3 axis
.001" resolution
Red L.E.D. display
In/mm conversion
Depth or Angle Mode
Top of Stroke Reference
30 day battery back-up
Input power – 115 VAC \pm 10% 50/60 HZ, 7A MAX
Width 15" x Height 11" x Depth 4"
Weight 10 lbs.



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