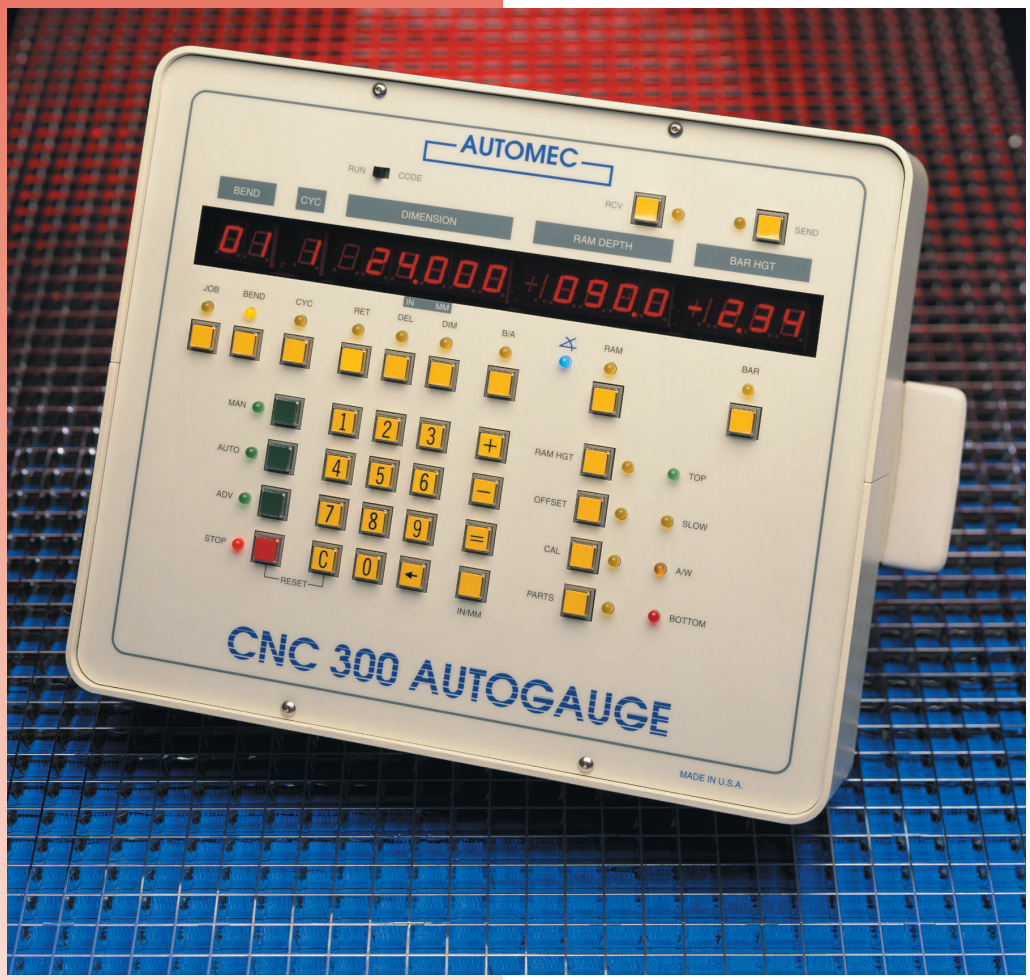
AUTOMEC

CNC300 AUTOGAUGE

CNC GAUGING FOR PRESSBRAKES



THE CONCEPT

The CNC 300 is a control for Automec backgauges that can be programmed as simple as our popular CNC150 or it can be programmed to utilize an array of sophisticated functions. These include a tool library, RS232 computer interfacewith software, automatic ram referencing, ram angle mode, backgauge reversal on pinch point, and a parts counter.

MULTI-LEVEL SOPHISTICATION:

An 11 digit alpha-numeric parts description can be input at the off-line computer and a set-up sheet with tool parameters and bending information can be quickly printed for systematic duplication of set-ups.

With the CNC300, the user decides what level of sophistication he wants out of the control and when he wants to implement it. All systems are built the same but if the operator chooses not to enter such information as tooling parameters, the system can be calibrated and operated in the traditional depth mode without entering the tooling information.

TEACH MODE:

You simply bring the pressbrake ram to the correct bending angle for each step of the program and press ONE button to program that position.

OFF-LINE PROGRAMMING:

The CNC300 means a simple, low-cost, durable control on the shop floor with the ability to control job parameters from an off-line computer to reduce set-up time. The jobs can be set-up on the shop floor and uploaded to the computer for future runs or can be programmed in the office and downloaded to the CNC300 at the pressbrake.

In either case the operator can easily make changes on CNC300 to correct for minor variations without disturbing the jobs stored in the computer memory.

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 CNC300 will adjust automatically to correct programmed angle.

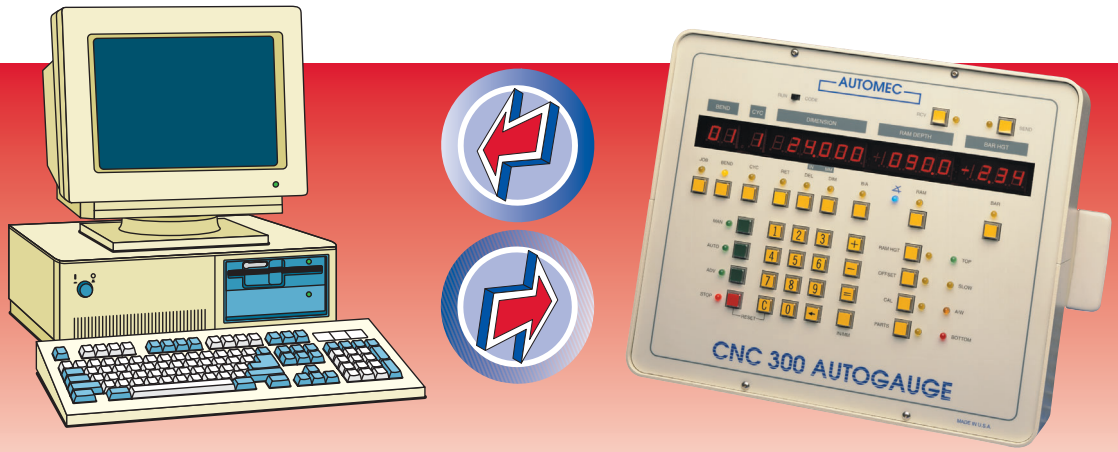
STANDARD FEATURES:

- Automatic ram calibration to tool heights*
- RS232 Interface and software included
- 300 jobs
- Tool library
- Depth or Angle mode
- Angle Adjust for angle correction
- Backguage Reversal on Pinch Point (time and distance)
- Parts Counter
- IN/MM conversion
- Single entry Ram offset and Bend Allowance
- 11 digit job number
- Teach Mode
- Tactile feel pushbuttons

OPTIONAL FEATURES:

R-axis programmable gauge bar with automatic referencing to lower die

- 48˝ backgauge travel for heavy plate forming
- 1, 2, and 3 axes available



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*This feature is contingent upon pressbrake type. Consult distributor or factory for details.