

# CNC 4000 AUTOGAUGE

**SIMPLE YET SOPHISTICATED**



## STANDARD FEATURES

- 10,000 job storage in fixed memory
- Up to 32 bends per job
- Storage backup of **1000** jobs to a standard 3.5" floppy disk
- Full color 10.5" graphics screen using pop-up "Windows"
- 16 digit alpha-numeric part numbers
- Tool library
- Angle or ram depth programming with *direct* conversion
- Gauge retract on pinch point
- Available with up to 3 axes

## STORAGE

The 10,000 job memory means that all jobs in your shop can be stored at each pressbrake equipped with CNC 4000. A tool library stores optional parameters for angle mode operation. Additionally, up to 1000 jobs can be stored on a standard 3.5" floppy disk (provided as standard equipment) in order to back up your storage or as a quick means of transferring jobs from pressbrake to pressbrake

# AUTOMECH

AUTOMECH, INC., 82 Calvary Street, Waltham, MA 02453-5918

Telephone: 781-893-3403 • Fax: 781-899-5708 • E-mail: [sales@automech.com](mailto:sales@automech.com) • Website: [www.automech.com](http://www.automech.com)

# CNC 4000 features

## EASY-TO-READ SCREENS THAT GUIDE YOU THROUGH THE PROGRAMMING

### User Friendly Format

1 DATA	2 RUN	3 MACHINE CODES	4 PART	5 HELP	6 COMM	ABC1234
BACKGUAGE		DEPTH GAUGE		GAUGE BAR		
OFFSET .032		SLOW -.00.0		OFFSET .000		
STA #	FLANGE	RET TYPE	TOP	BOTTOM	HEIGHT	
1	01.156	3.0 1	-02.0	090.0	3.214	
2	02.365	0.0 0	-03.2	120.0	5.333	
3	06.834	2.1 0	-02.0	085.0	2.356	
4	01.265	0.0 0	-01.3	090.0	1.236	
5	01.236	5.4 0	-03.5	145.5	4.637	
6	01.587	0.0 0	-13.1	090.0	3.555	
7	00.000	0.0 0	-00.0	180.0	0.000	
8	00.000	0.0 0	-00.0	180.0	0.000	

You may enter a FLANGE Dimension between '00.000' & '24.000' Inches

The color screen layout of CNC 4000 is designed with a "windows type" format to guide the operator through programming. Up to 8 bends of the program can be viewed at one time showing each axis of control. A total of 32 steps can be programmed. A parts counter keeps track of total parts formed. A ram offset of +/- .099" and bend allowance of +/- .999" can be programmed for each job to offset all dimensions in the program by the same amount.

### On-Screen Calculator

1 DATA	2 RUN	3 MACHINE CODES	4 PART	5 HELP	6 COMM	ABC1234
BACKGUAGE		CALCULATOR		GAUGE BAR		
OFFSET .032		[ON] [OFF]		OFFSET .000		
STA #	FLANGE	RET TYPE	TOP	BOTTOM	HEIGHT	
1	01.156	3.0 1	01.156		3.214	
2	02.365	0.0 0	00.000		5.333	
3	06.834	2.1 0			2.356	
4	01.265	0.0 0	-01.3	090.0	1.236	
5	01.236	5.4 0	-03.5	145.5	4.637	
6	01.587	0.0 0	-13.1	090.0	3.555	
7	00.000	0.0 0	-00.0	180.0	0.000	
8	00.000	0.0 0	-00.0	180.0	0.000	

You may enter a FLANGE Dimension between '00.000' & '24.000' Inches

When making incremental changes to any axis, an on-screen calculator appears for easy corrections then disappears after data is modified.

### Help Screens and Error Message Pop-Ups

1 DATA	2 RUN	3 MACHINE CODES	4 PART	5 HELP	6 COMM	ABC1234
ERROR		DEPTH GAUGE		GAUGE BAR		
Dimension you've just Entered:		SLOW -.00.0		OFFSET .000		
26.000		TOP		BOTTOM		
is either too LARGE		-02.0		0.500		3.214
or too SMALL !		-03.2		0.209		5.333
		-02.0		0.546		2.356
		-01.3		0.500		1.236
		-03.5		0.155		4.637
		-13.1		0.500		3.555
		-00.0		0.000		0.000
		-00.0		0.000		0.000

PRESS 'C' to CLEAR

You may enter a FLANGE Dimension between '00.000' & '24.000' Inches

Help screens are available for every mode to aid the operator. Error messages overlay data when programming errors are made. The messages offer a suggested correction and clear when the corrections are made.

### Alpha-numeric Part Numbers

1 DATA	2 RUN	3 MACHINE CODES	4 PART	5 HELP	6 COMM	TEMPORARY PART
MODE - Done with Part						
1 Save a Part						
PART NUMBER						
Numeric Alpha A-M Alpha N-Z						
PART NUMBER						
ABC1234						
[1] [2] [3] [+]						
[4] [5] [6] [-]						
[7] [8] [9] [=]						
[0] [DEL] [MOD]						
[INS] [←] [→]						

The Keys shown on the Display MATCH the Keys on Your Keyboard

The graphics display lets a simple numeric keyboard be used to input alpha characters into the 16 digit part numbers. The screen displays a keyboard showing alpha characters and each time the corresponding key on the keypad is depressed, the key on the screen is animated to mimic the keystroke.

# AUTOMECH

82 CALVARY STREET  
WALTHAM, MA 02453-5918

Telephone: 781-893-3403 • Fax: 781-899-5708

E-mail: sales@automec.com

WEBSITE: [WWW.AUTOMECH.COM](http://WWW.AUTOMECH.COM)