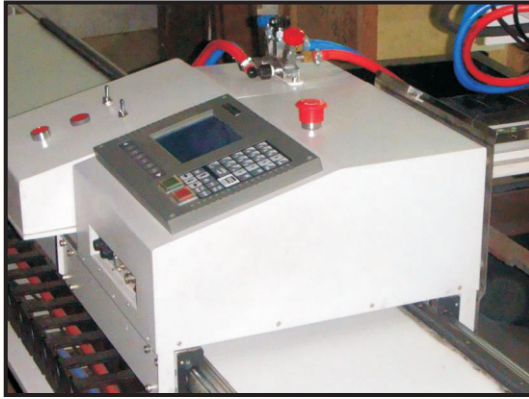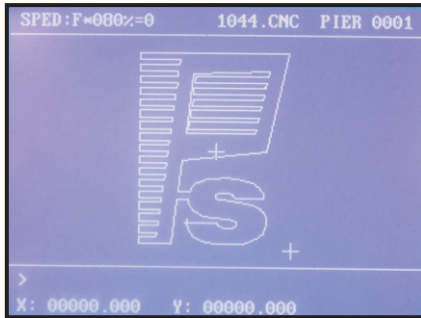# FXK-7

```
M07
G01 X-0.141 Y-0.141
G01 X0 Y-1.75
G02 X-4 Y0 I-2 J0
G01 X0 Y3.5
G01 X0.8 Y0
G01 X0 Y-2
G03 X1.2 Y0 I0.6 J0
G01 X0 Y2
G01 X2 Y0
G01 X0 Y-1.75
G01 X0.141 Y-0.141
M08
G40
G00 X0 Y5.983
```
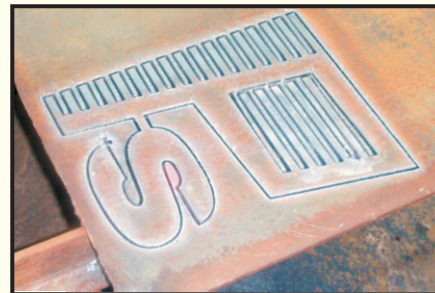
Controller Screen

SPED:F*080%=0   1044.CNC PIER 0001

X: 00000.000   Y: 00000.000

G Code

PC → Udisk →

CNC Machine Controller

◉ **High-Reliability, Prevents Strong Plasma Disturbance, Surges and Lightning Strikes.**

◉ **Memory of program upto 16Mb; the cutting programs upto 1000 lines.**

◉ **Dynamic Images with 5.7 LCD Display.**

◉ **Industrial grade ARM7 chip.**

◉ **Offers: Input 7 ports, Output 4 ports.**

◉ **USB pen to Read/Write program .**

◉ **With Embeded 40 Shapes Cutting Library.**

◉ **Supports upto Four Axes.**

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SEC MACHINES

Features

SEC's FXK-7 was designed so that a new operator can step up to the control and begin cutting parts immediately, with virtually no training and little need for the operator's manual.

It has a very simple keypad and a large, backlit LCD graphic display. The FXK-7 control is menu driven so the operator can quickly and easily perform the desired function by pressing one of the eight soft keys corresponding to the available menu items.

The FXK-7 also displays the shape library parts and graphically prompts for their parameters so these parts can be quickly cut without referring to a manual.

The FXK-7 is the cost effective way to add CNC capabilities to your cutting system.

The FXK-7 is a two-axis contouring control for shape-cutting machines. Used with plasma and oxy-fuel cutting processes, it significantly increases the productivity of flame and steel cutting operations in sheet metal shops, steel fabrication plants, steel distribution facilities and a variety of specialty applications. Make the FXK-7 your choice for steel and flame cutting applications.

Specifications

1 Industrial grade ARM7 chip

2 System Offers 4 relays:

  * Gas and Pre-Oxy / Automatic Height Control System

  * Cutting Oxy or Plasma Arc On

  * Torch up

  * Torch down

3 System Offers : Input 7 ports, output 4 ports

4 Axes: Two can be extended to Four

5 Electronic Gearing : Numerator and Denominator can reach to 1- 65535 .

6 Max Speed: When the Pulse Equivalent is 1μ, speed is 6000mm/minute;

7 User's Program Space: 16M

8 Size: 300x200x85mm

9. Working Temperature: 0℃ to 40℃.