

The following document is written by The CMC Doctor. This document describes the computer cabinet of the F-6100™. The information contained within this document is developed from personal experience with this specific piece of equipment.

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The CMC Doctor operates independently of any and all OEMs (Original Equipment Manufactures).

Fletcher® F-6100™ Electronics



Breakout Board
with
Stepper Drives

See Page 3

Enable Drives Button

Emergency Stop Button

Power Button

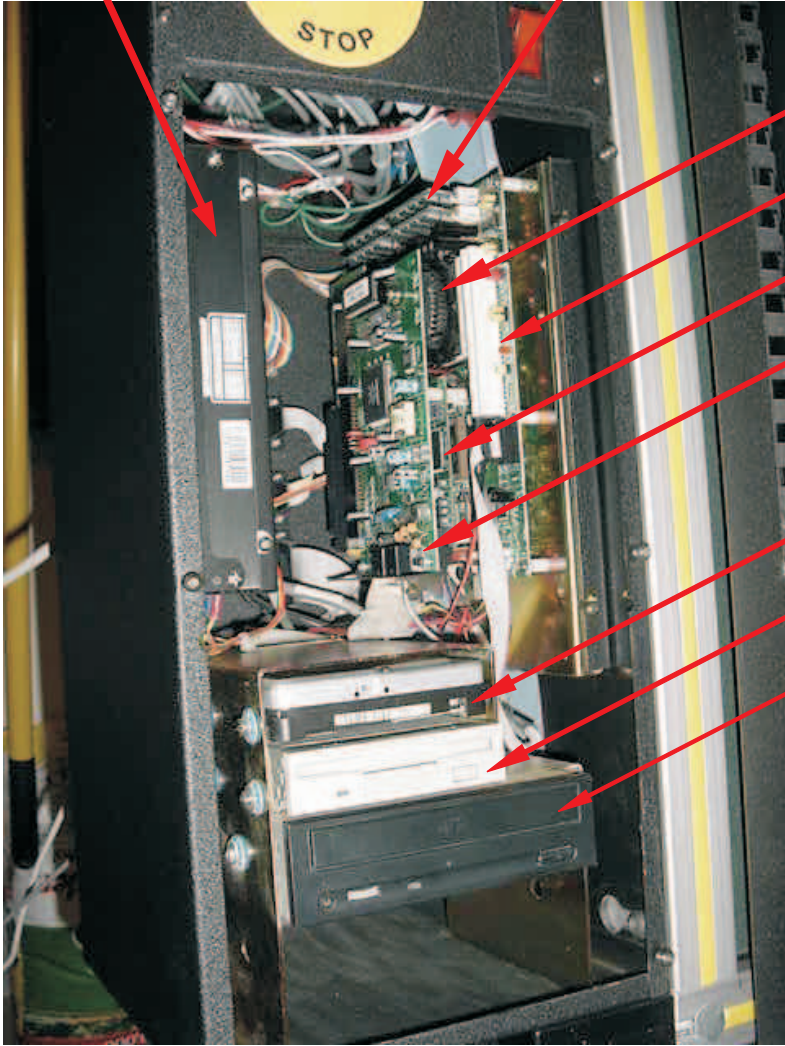


Computer
with
Motion Controller

See Page 2

Power Supply

RAM



CPU w/ Fan

MotherBoard

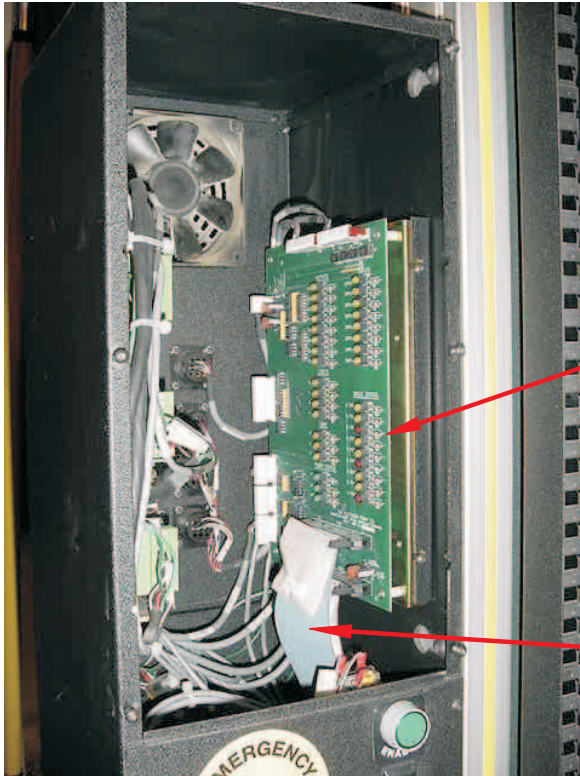
Motion Controller

Modem

Hard Drive

Floppy Drive

CD-Rom



Breakout Board

All of the CMCs inputs and outputs (I/O) and motor drives connect to this board. All these discrete signals are then channeled via a ribbon cable to the motion controller board.

Ribbon Cable

Connects to the motion controller.

Stepper Motor Drives

There is one drive for each motor on the CMC. In this case you can see three drives One each for X, Y, & Z.

