

TB110 (Rev1) - Demo Console and Offline CPU7 Operation Instructions

Overview

This document describes what is required to run a demo console (console not connected to a PLC, motors or a servo amp) or running a CPU7 with CNC7 on a desktop computer.

Requirements:

1. Since no PLC is present a special PLC program is required. Use TESTALL.PLC available from Centroid Tech Support. Other PLC programs will cause spindle drive fault errors and prevent you from operating CNC7.
2. Configure setup parameters for "Autohome NO" So that CNC7 will set home when you press, "cycle start" after boot up.
3. CNC7 is equipped with a stall detection feature, which must be disabled if no amp and motors are connecting to CPU7. To do this: Modify the batch file CNC7M4.BAT.

Add "nostall" to the two occurrences of the command "CNC7M? For example change

"CNC7M" to "CNC7M nostall"

Helpful Hints

If you have a CPU7 in a PC off-line, set console type to "M-39", Set PLC type to "Absent",

Set jog panel required to "NO" (if you do not have a jog panel connected).

If you want to use a mouse for Mastercam or Millwrite, be sure to plug in the mouse before turning on the control.

Document History

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