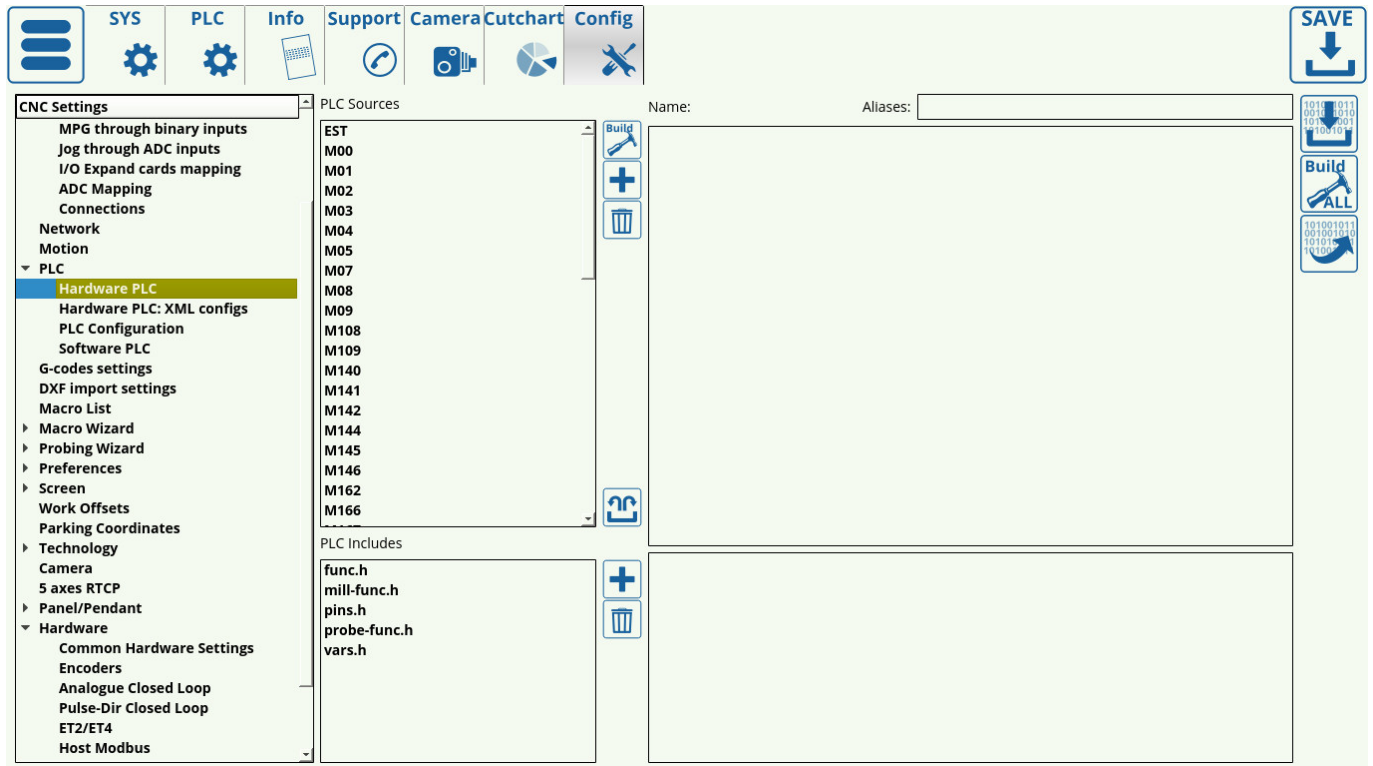


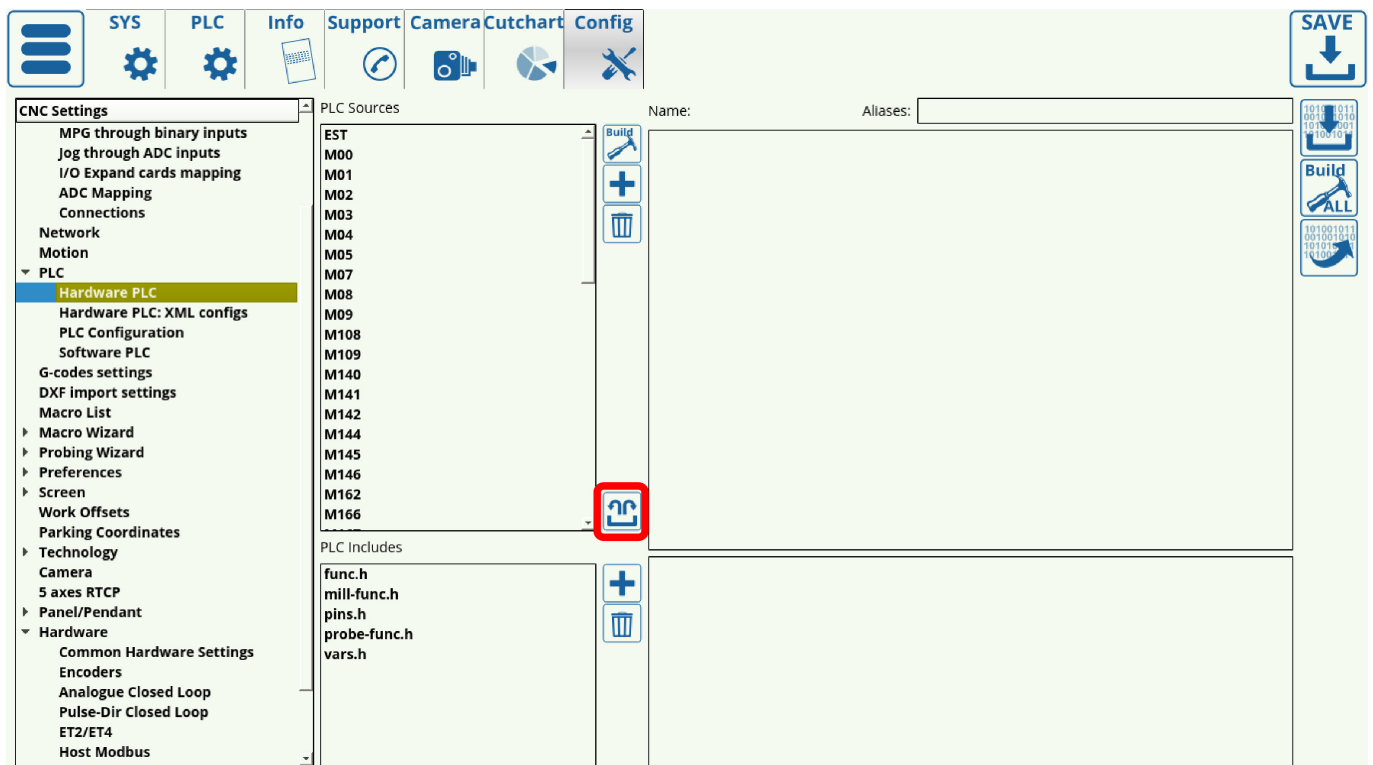
Load PLC from template

In order to load PLC from template, please use the instructions below:

1. Open **CNC Settings > Config > PLC > Hardware PLC**. You will be presented with the following screen:



2. Click on the **Open Templates** button on the **Hardware PLC** screen.



3. The following screen with the list of the current PLC Templates will pop up:



Select PLC procedure templates to load to PLC Builder.

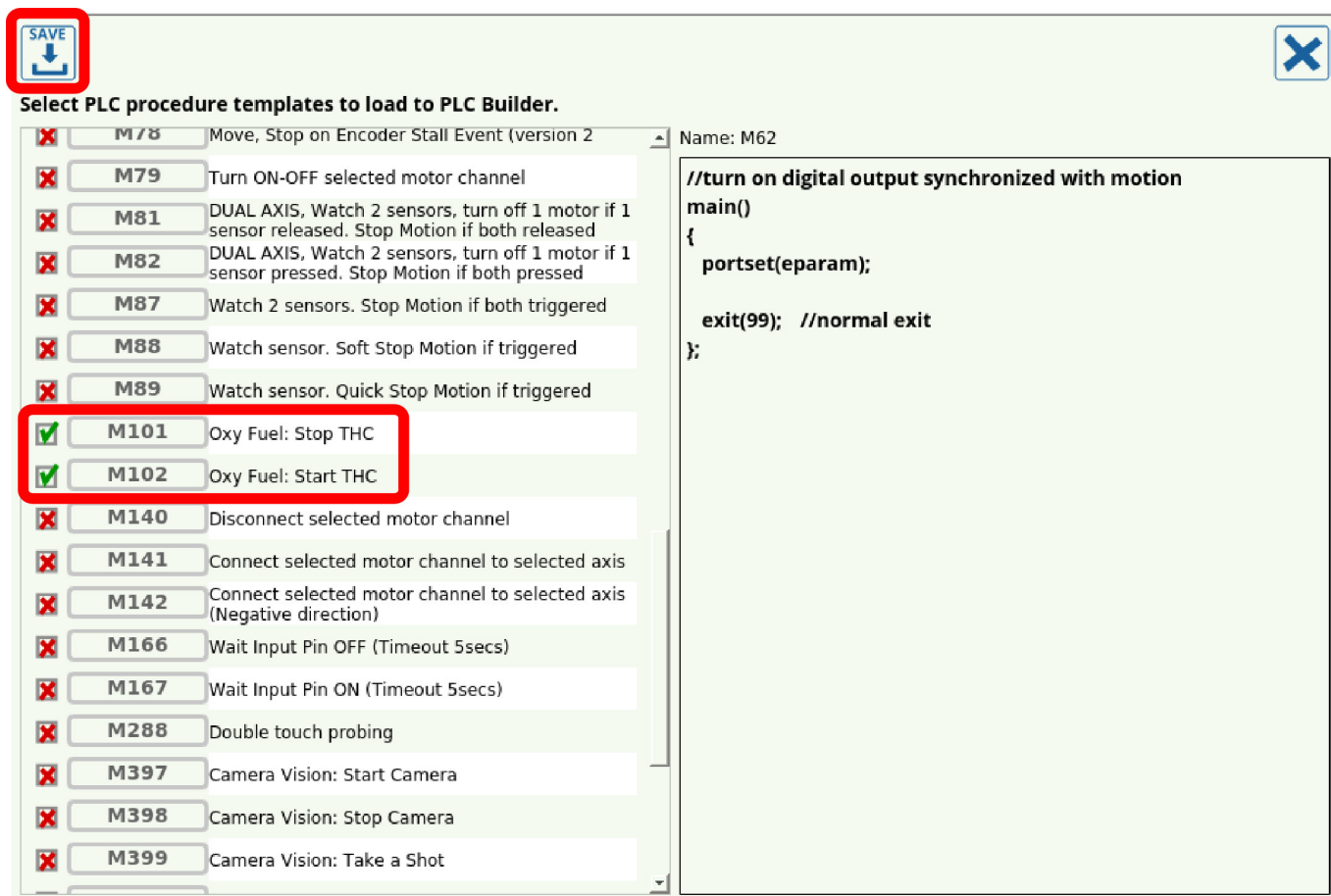
☒	M00	Stop
☒	M01	Conditional Stop
☒	M02	Mill: End Program, Spindle Lift (Relays,DAC)
☒	M03	Mill: Spindle CW Turn-ON (Relays,DAC)
☒	M04	Mill: Spindle CCW Turn-ON (Relays,DAC)
☒	M05	Mill: Spindle Off (Relays,DAC)
☒	M07	Mill: Mist ON (Relays)
☒	M08	Mill: Flood ON (Relays)
☒	M09	Mill: Mist, Flood Off (Relays)
☒	SPN	Mill: Change Spindle Speed over DAC channel
☒	TRIG04	Mill: Probe sensor Collision Handler
☒	EST	Mill: Emergency Stop Handler (Relays,DAC)
☒	pins.h	Mill: Default Pins definition
☒	vars.h	Mill: Default Variables definition
☒	OFF	Mill: Stop/MDI-End Handler
☒	M02	Mill (Modbus): End Program, Spindle Lift
☒	M03	Mill (Modbus): Spindle CW Turn-ON
☒	M04	Mill (Modbus): Spindle CCW Turn-ON

Name: M00

```
main()
{
    message=PLCCMD_MOTION_BREAK;
    vexit=plc_exit_normal;

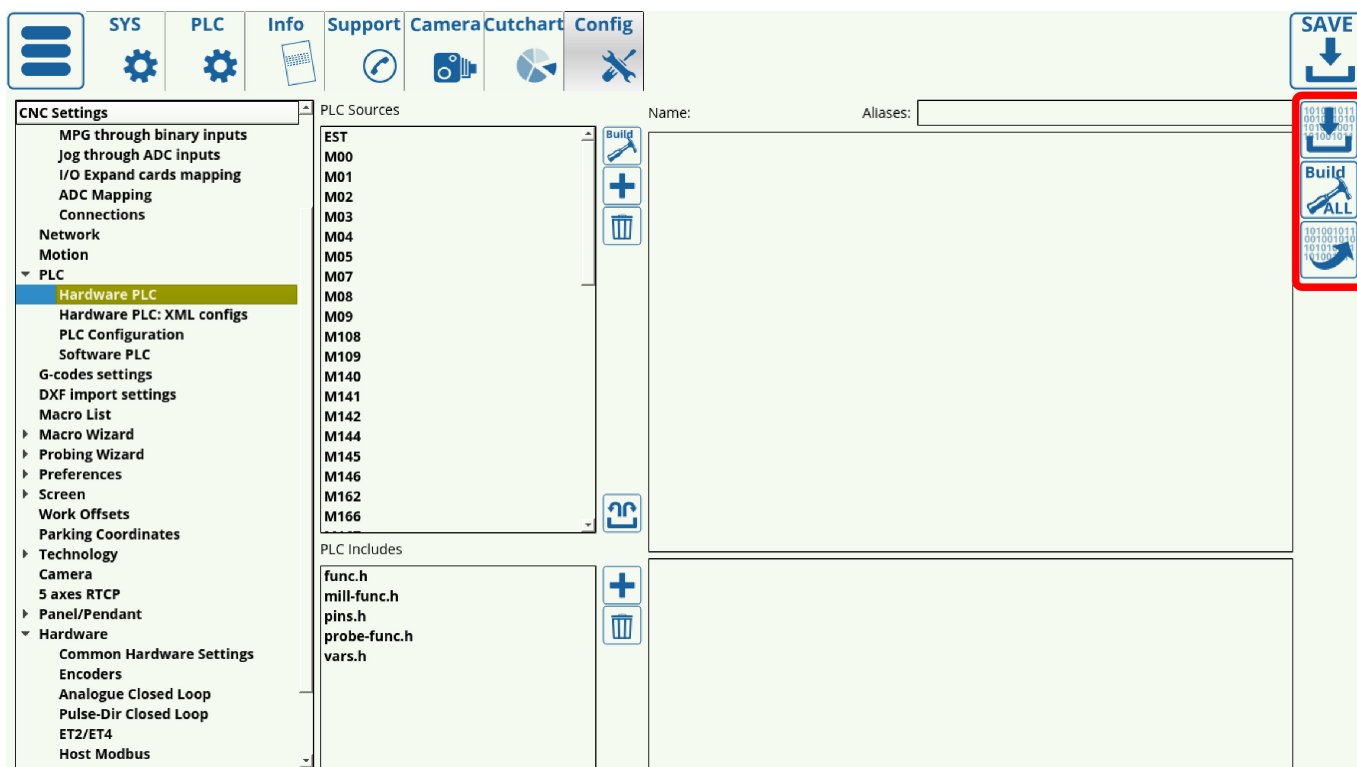
    exit(99);
};
```

On this screen, you can see a number of different PLC template or templates along with their code and descriptions. Find the particular template that you want to load in, switch the checkmark to green, and click save.



NOTE: You can also choose to manually copy and paste the template code into the Hardware PLC screen

4. Close the template popup screen and return to the **Hardware PLC** screen, then click the three buttons on the right of the screen to Save, Build All and Reflash Disk.



The PLC templates should now be loaded and are ready to be used.

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