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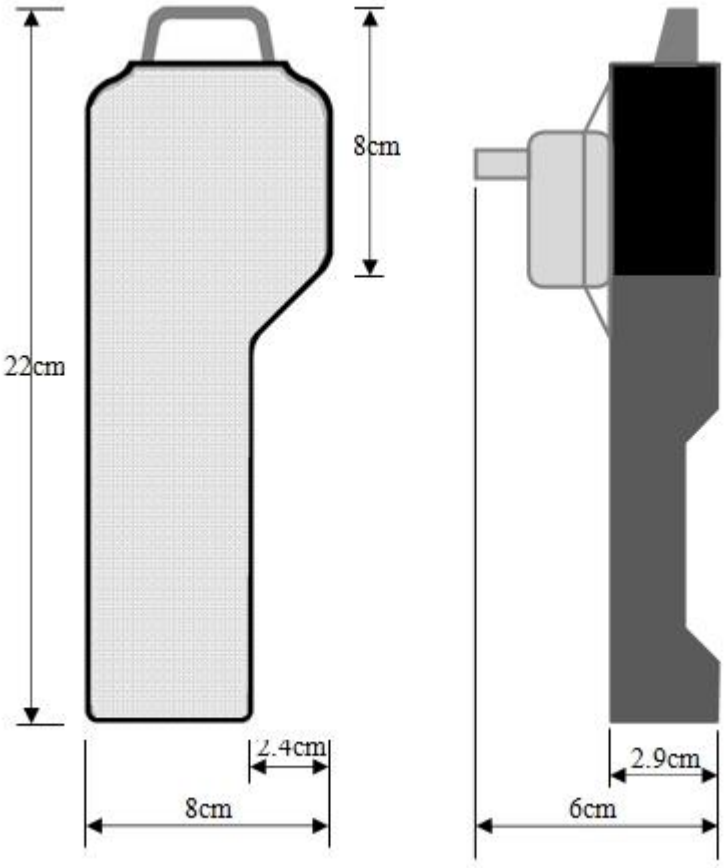
CNCPROM

# User manual Mach3

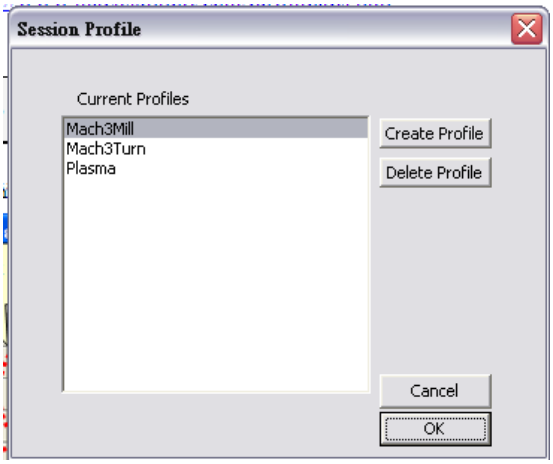
## General Connection Diagram

## Dimension

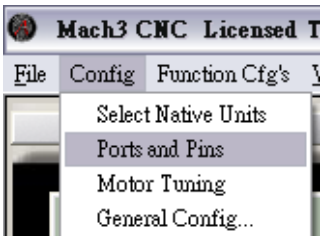


# Mach3 Parameters Setting

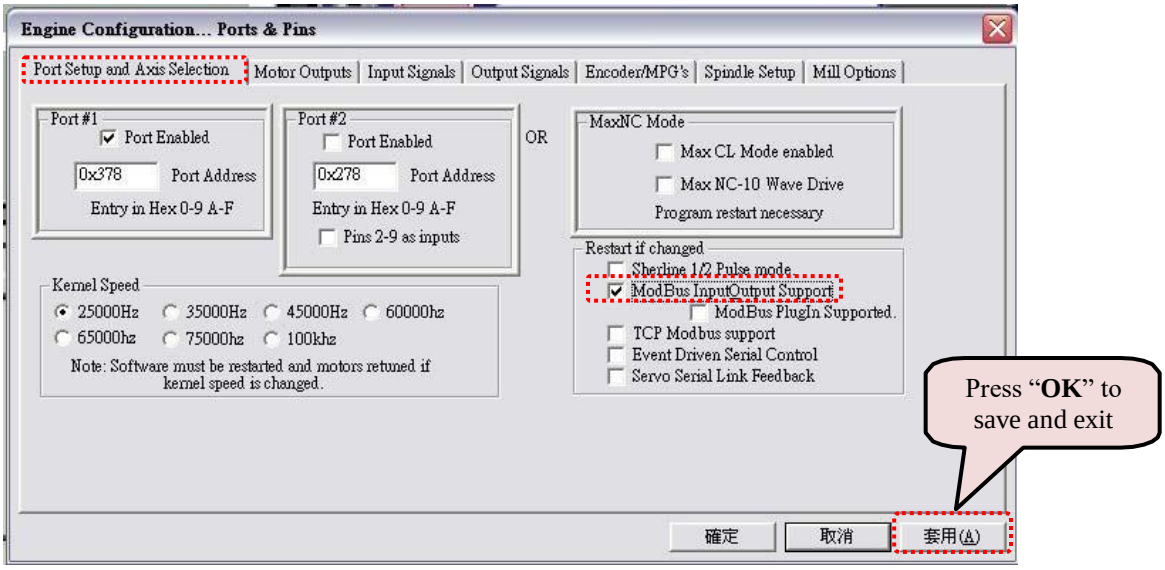
1. Select "**Mach3Mill**"



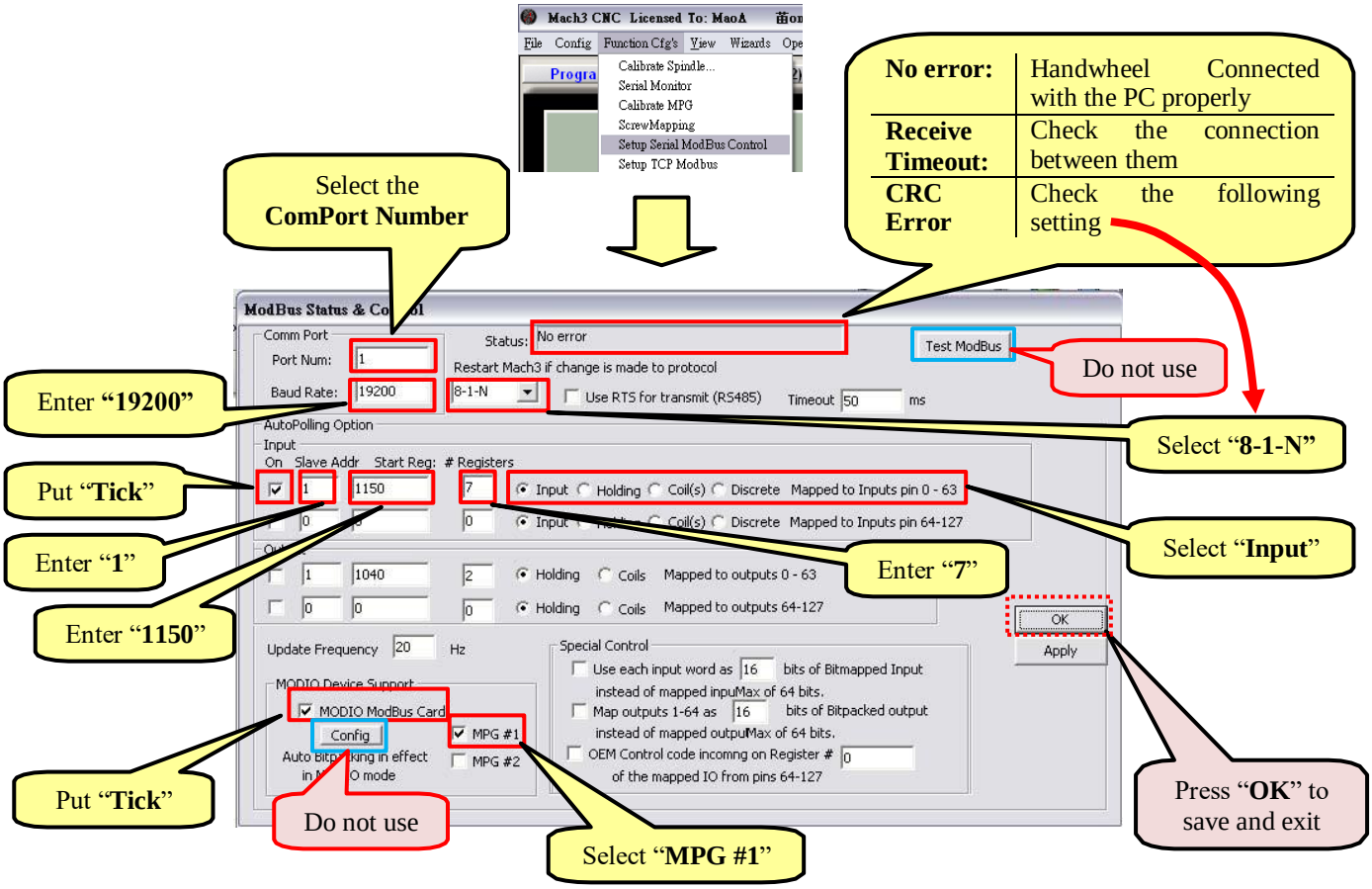

2. Select "**Ports and Pins**" under "**Config**"



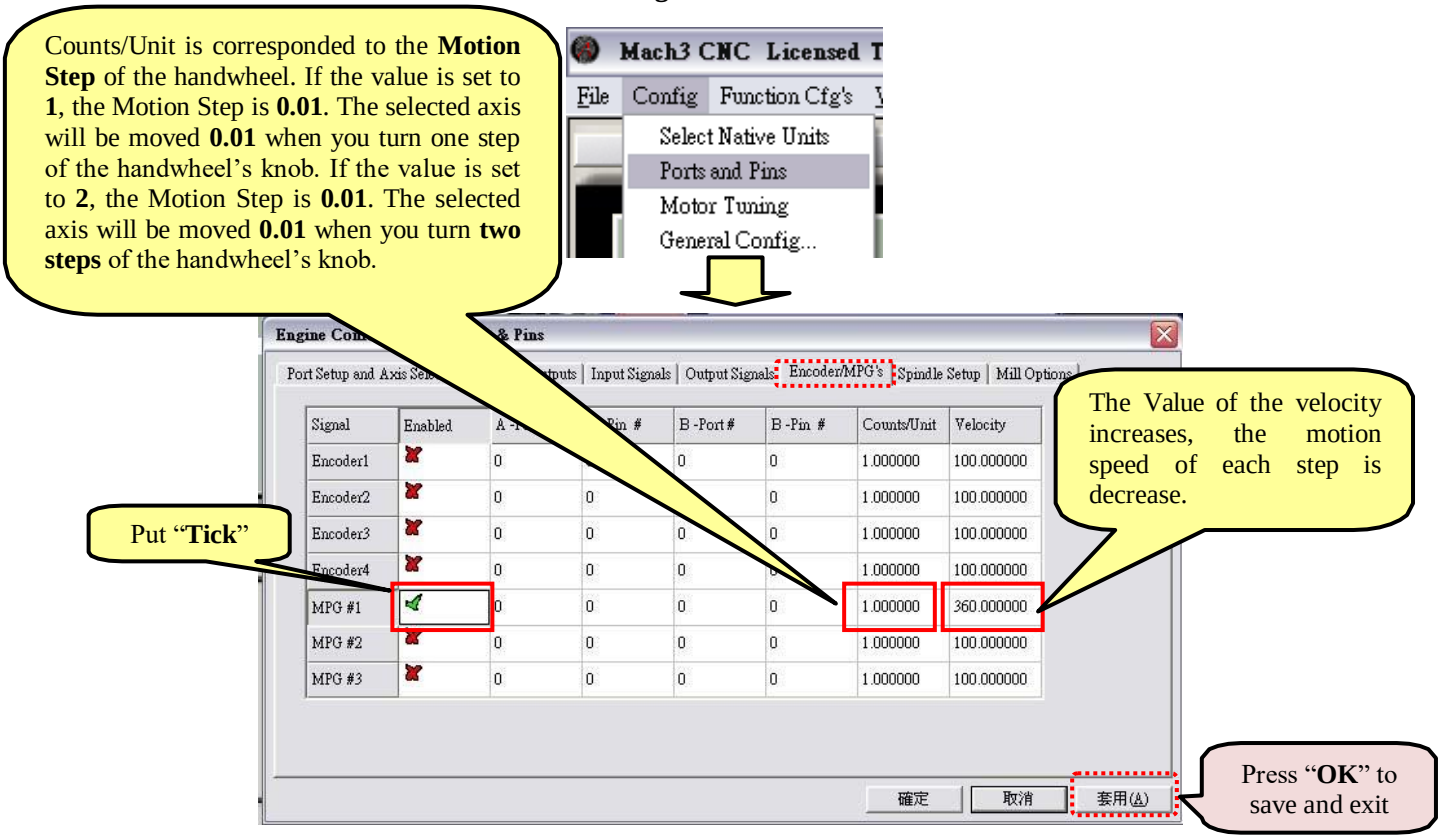

3. Set the **ModBus InputOutput Support** under the **Port Setup and Axis Selection**.



4. Select the "**Setup Serial ModBus Control**" under "**Function Cfg's**".

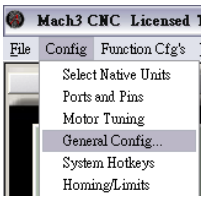


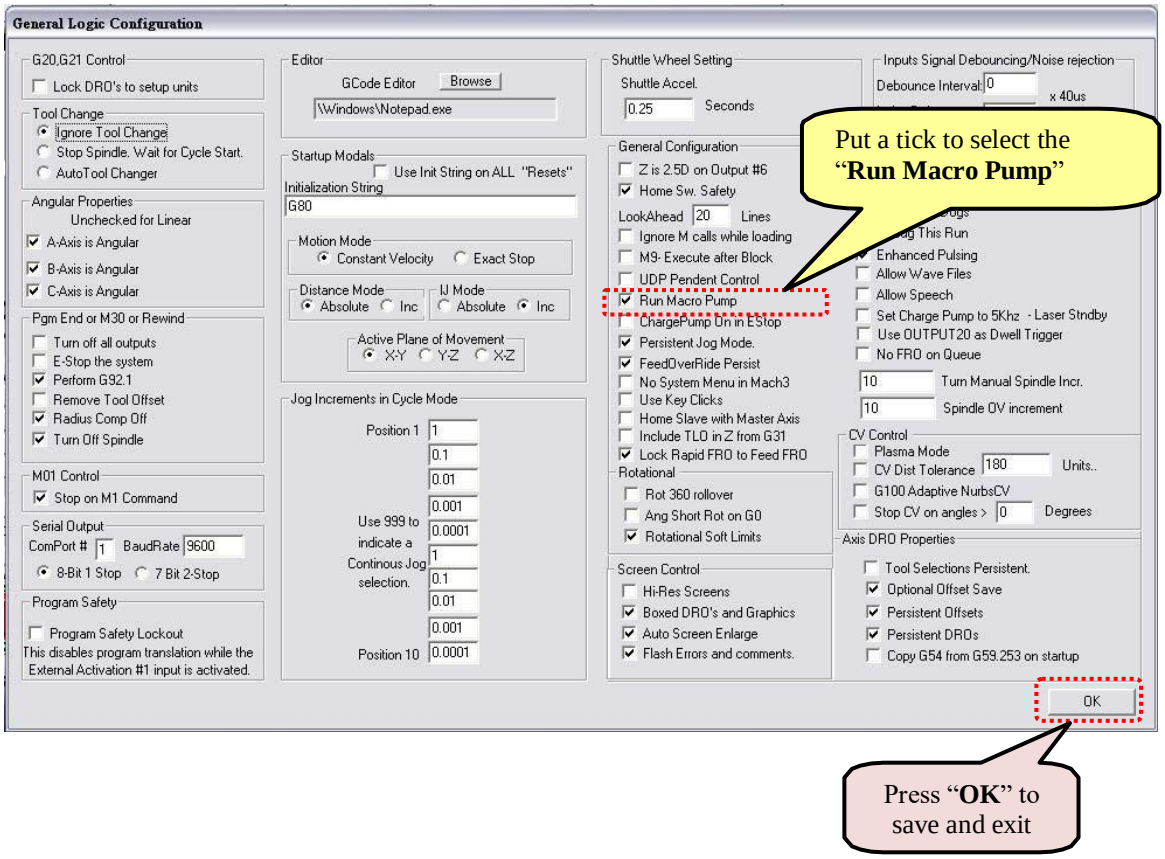

5. Select "**Ports and Pins**" under "**Config**"



**6.** Put the "**Macropump.m1s** " into the **C:\Mach3\macros\Mach3Mill**


7. Select the "**General Config**" under "**Config**".



# Function Key Descriptions

**Handwheel Indicator**
The LED will flashing when the knob is being moved

**Knob**
Moving the selected axis

**Power Indicator**
The LED will flashing after the USB cable is connected with your computer

**Origin Point**
Go back to the Origin Point (All zero values in all axes)

**Start running the G-Code**
Same as the "CYCLE START" function

**Spindle On/Off**

**Emergency Stop Button**

Normal


Emergency Mode Active


**Stop the G-Code running**
Stop and hold a line of the running G-code file

**MOG Select**
Press the **MPG SELECT** button to select the control axis or the keyboard control method.

| Handwheel Control Mode | |
|---|---|
| A | A Axis |
| Z | Z Axis |
| Y | Y Axis |
| X | X Axis |
| **Keyboard Control Mode** | |
| SP LK | ***Motion Step** |
| Cont | Continuous |

**Motion Step**

| | |
|---|---|
| 1 Step unit | +1.0000 |
| 0.1 Step unit | +0.1000 |
| 0.01 Step unit | +0.0100 |
| Continuous | +0.0370 |

**Feed Rate Adjustment**


**Spindle Speed Adjustment**