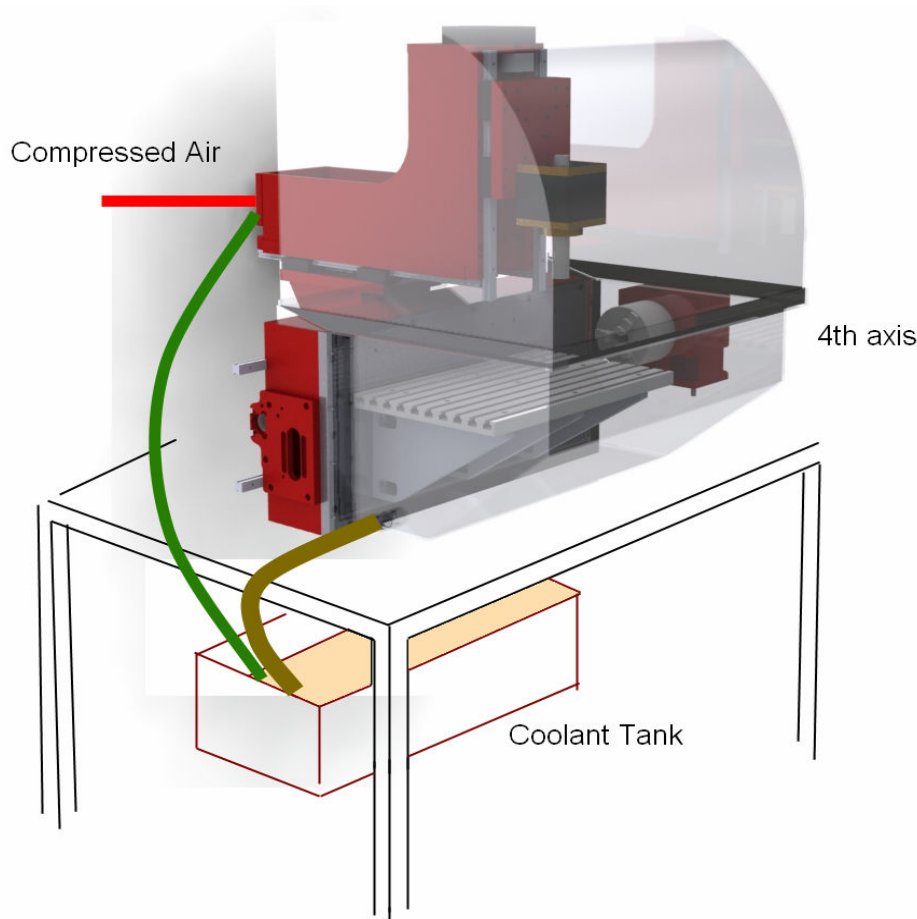


# Congratulations! Please **READ ME**



The WL400 is a tabletop CNC Milling Machine. The machine should be on top of a stable elevated surface so that the working area is easily accessible to the machine operator. This is a first-time-users installation guide. Refer to the Levil Folder on the desktop of your computer for a complete User Guide and other documentation.

## **Air Requirements**

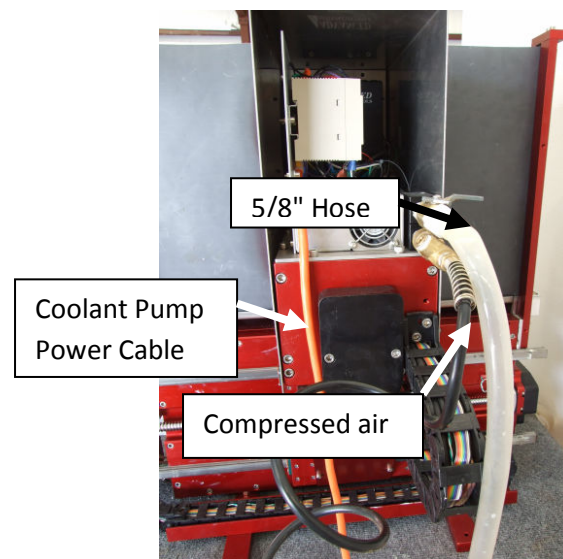
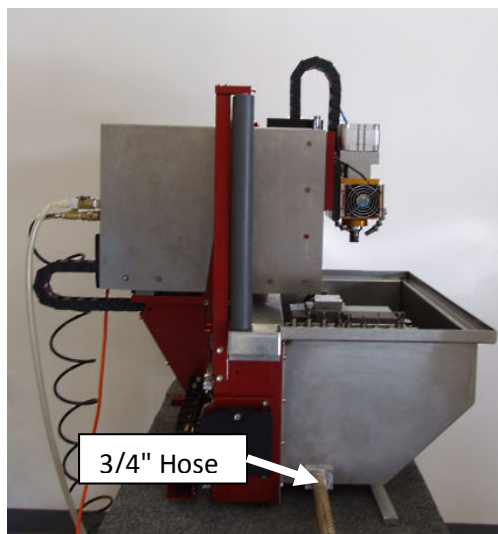
Compressed air is only necessary when using the Automatic Tool Changer (ATC) or if running spindle higher than 10,000 RPM (for cooling purposes).

- 10,000 – 18,000 RPM: minimum 1 HP compressor required (4 SCFM).
- Less than 10,000 RPM: no air required, but recommended to maintain a clean spindle.
- ATC: at least 90 PSI, maximum 130 PSI.

**Power Requirements:** 110 Volts wall plug for the Machine and computer.

### Setting up Compressed Air and Cooling System:

1. Position the coolant tank under the machine.
2. Position the water pump inside the coolant tank.
3. Connect  $\frac{3}{4}$ " and  $\frac{5}{8}$ " in-out nozzles as shown in picture below.
4. Fill up your tank with a mixture of water and commercially available soluble oil.  
NOTE: Coolant mixture usually contains 5% oil, however, oil percentage varies for each oil brand. See recommended oil percentage when you buy your oil.
5. Power cable from the coolant pump connects directly to the machine (orange cable).
6. Compressed air connects directly to the back of the machine to a standard NPT  $\frac{1}{4}$ " female thread (compressor not included) NOTE: Compressed Air should be dry and clean to keep spindle bearings working properly.



### Setting up the Computer and Power to the machine:

1. Turn off the Power switch of the machine. (see image below)
2. Push the Emergency Button. (see image below)
3. Turn on your computer and connect USB cable (computer to machine)
4. Connect Power cable to the machine and plug to the wall (110V AC)
5. Turn on Power Switch
6. Open LV 10-MC.exe to start using your machine (see User Manual for more details)
7. Pull Emergency Button (by rotating clockwise)

