

Course 1: Legacy CNC 101  
Module 1: Preparing Your Shop For CNC  
1.1: Receiving Your CNC  
Lesson 8 - Recommended Supply List Before Your CNC Arrives

**Recommended Supplies Checklist (Details & Links Below)**

- Wi-Fi
- Torque Wrench
- Laser Center Edge Finder
- Toolbox
- Cutter Storage
- Collet Storage
- Pitch Remover
- Wet Diamond Stone
- All Purpose White Lithium Grease
- Lock-N-Lube Quick Connect Kit
- Soft Wire Brushes
- Dynaglide Maintenance Spray
- Threaded Inserts
- Vacuum Foam Seal
- Low Pro Clamps
- INCRA Build-It Clamps
- Build-Pro (5/8") Inserta Clamps

**Wi-Fi:**

If you want to take full advantage of legacy's technical support services, we recommend that your CNC machine has the ability to connect to the internet. The simplest solution is to set up a Wi-Fi network. You will also need internet to download the CAD/CAM software onto your dedicated PC computer.

**Torque Wrench:**

To get started Legacy will send a tool changing wrenche(s) with your CNC machine. For Automatic Tool Change spindles, we still recommend investing in a torque wrench to more accurately tighten your cutters in the toolholders. Using a torque wrench for higher production machines can prolong the life of your cutters, collets and spindle bearings. Try out the [Amana Tool ATW-32 Adjustable Torque Wrench](#)

### **Laser Center Edge Finder:**

Setting up a part location on your CNC machine is part of every day. You can make it easier and faster by using a [Laser Center Edge Finder](#) tool. They come in different configurations. During the training videos we use the Dot laser with a ½" shank.

### **Toolbox:**

Most of the controllers for Legacy's machines are detached desktop displays. Even though the controller can be placed on any elevated surface, we recommend using a toolbox that has a wooden tabletop. That way you can mount your controller to the table surface and have plenty of storage room for the machine's tools, hardware, clamps and fixtures. Any size will work but [here is the Toolbox](#) we use right now.

### **Cutter Storage:**

There are many ways to store your cutters but here is what we use. [Foam Router Bit Storage Tray](#)

### **Collet Storage:**

There are many ways to store your collets but here is what we use. [Foam Collet Rack Holder Tray](#)

### **Pitch Remover:**

One maintenance step that can prolong the life of your cutters is to clean off the pitch build-up. There are a few options to do this, but we recommend using [99% Isopropyl Rubbing Alcohol](#).

### **Wet Diamond Stone:**

Another way to prolong the life of certain cutters is to hone a nice keen edge using [a wet diamond stone](#).

### **All-Purpose White Lithium Grease:**

If the machine is going to be shut down for longer than a week, we recommend specific areas receive a small coat of all-purpose white lithium grease. This will protect it from rust and contamination.

### **Lock-N-Lube Quick Connect Kit:**

If you have purchased or are planning on purchasing the Lock-N-Lube grease gun, I recommend their [Quick Connect Kit](#). This kit has adapters that will make it easier to grease certain zerk fittings that are in tighter locations on the machine.

**Soft Wire Brushes:**

While switching out cutters we recommend using soft wire brushes to help clean out collets & collet nuts.

**Dynaglide Maintenance Spray:**

To get you started Legacy will send a can of Dynaglide spray with the machine. This is a dry wax lubricant spray and is used during daily & weekly machine maintenance. To buy more call Legacy 1-801-491-0010, we have the best price for Dynaglide by far.

**Threaded Inserts:**

If you need to replace your base table or vacuum grid tables on the machine, you will need threaded inserts to make your tables detachable. We recommend the [E-Z Lok Brass Threaded Inserts](#) and [Drive Tool](#).

**Low Pro Clamps:**

One of the fastest & easiest ways to load & unload parts onto a table fixture is by using clamps. After testing multiple clamps, we still recommend Legacy's Low-Pro Side clamps. To buy more call Legacy 1-801-491-0010.

**Vacuum Foam Seal:**

If you order the Vacuum Table option, legacy will send foam seal with your machine. You can order more at [mcmaster.com](http://mcmaster.com).

**INCRA Build-It Clamps:**

If you need clamps that thread directly into the Vertical Workstation clamping plate, try out [INCRA's Build-It clamps](#).

**Build-Pro (5/8") Inserta Clamps:**

If you need clamps that insert into the 5/8" holes of the Vertical Workstation clamping plate, try out [Build-Pro \(5/8"\) Inserta clamps](#).