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#86720 MicroLux Powered Chisel Instructions for Use

What's Included

1 Powered Chisel
3 Chisel Tips (1 each): 9 mm #1 Flat Chisel, 6.4 mm 90 degree V Parting Tool, and 9 mm #9 Sweep Gouge
1 Tool Wrench

Power

This tools runs on 120VAC household current

Provides 65 watts of power

11,000 cycles / minute

Rated continuous maximum run time is 15 minutes with a 50/50 duty cycle. Run for 15 minutes, rest for 15 minutes.

The on / off rocker switch is located at the rear of the tool.

For shorter intervals of run time and between uses, you should determine the length of rest that tool requires by the heat being circulated-out by the tools cooling fan vents located approximately 4" from the front of the tool. Also, do not block these vents during use. Running the tool in this described manner will give the user extremely long life and use of this finely made powered chisel.

Installation of Chisels (First Use)

With the unit unplugged and the switch at the back of the tool set to off, locate the opposing flats on the collet nut at the front of the tool. Use the provided wrench on these flats to rotate the collet nut counter-clockwise 1 revolution and then keep turning by hand and remove the collet nut completely. Observe the long vertical cut channel at the end of the tool that splits the drive shaft. This is where the tang-end of your chisels will be inserted from the front of the tool. **Fully** insert the tang of one of your chisels into the channel until the end of the channel is reached.

This is how far "In" the chisels need to be inserted in order to correctly use the hammer-action of the tool and effectively remove material from your project.

Pick a chisel tip that you would like to use. Re-install the collet nut back onto the tool about half-way. Now, insert your chosen chisel. Look at the depth of the chisel tip that has been inserted by looking at this same channel. You should notice that the "tang" does not reach the bottom as it had before when the collet nut was removed. What you need to do, is to keep spinning the collet nut onto the tool while pressing your chisel tip inward until you have reached the end of the channel and the collet nut now tightens on. Finish the last bit of rotation with your wrench to secure.

As you change out chisels more, you will learn that the collet nut need only be turned 1 revolution counter-clockwise and back again for exchange of chisels.

Using the Powered Chisel

Once you have a chisel installed, you will want to see just how wonderfully it will remove material. With the proper personal protection, plug the tool into your outlet. Turn on the unit. You will hear the internals components turning inside but see no movement of your chisel itself. Don't worry nothing is broken. The chisel does not move until pressure is applied to the cutting edge of your chisel and as you begin to push it into your carving. Then the hammer action inside the body begins the reciprocation of the tool edge. With the lightest of forward pressure, you will see the tool begin to remove material. The more pressure you push the tool forward the deeper and more material are removed.

However, there are limitations to any tool. This tool was not designed to remove heavy large sections of wood. That is more for a mallet and hand chiseling type of work. Use this tool for your ***detailing*** needs and it will give you long life and carving joy.