

Denver Glass Machinery

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Setting Up Your GS-50

Some assembly will be required before using your new saw. The coolant pump is packed separately and is designed to sit on the small-elevated platform in the tray. This area is directly behind the saw motor. Attach the loose end of the water line into the brass compression fitting on the pump and tighten it snugly with a wrench. This is a submersible waterproof pump, so you do not have to worry about getting it wet. Plug it in at the outlet next to the switch on top of the saw.

Next, install the lamp according to the instructions in your manual. Plug it into the outlet with the pump. You will want to keep the excess lamp cord rolled up so it won't be in the way or get wet.

Fill the tray with water until it is about an inch deep around the pump. Periodically check your water level and its condition. Change the water in the reservoir when it starts to look icky. Keep the tray clean when not in use.

Proper blade tension is crucial to insuring extended blade life. A diamond blade should not be too tight. Tighten the blade enough so it tracks well and adjust the blade guides correctly so they stiffen the blade as it passes through the cutting area. The blade guide blocks are positioned above the cutting table and a set is positioned below the cutting table. They come in perpendicular to the blade and should be set so they are positioned on the back portion of the blade. They should not touch the blade. Leave just enough room so the blade passes through without the blocks rubbing on the back of the blade. The other important parts of the blade guide system are the roller bearings. These should be set so it sits: up against the back of the blade, thus preventing the blade from being pushed to far into the guide blocks which would allow them to come into contact with the diamond portion of the blade. Adjust both top and bottom guides in this manner. Let the diamond do the cutting, do not force your glass through as this puts stress on the blade.

Happy Cutting!