

OPERATING INSTRUCTIONS

1. It is recommended that the saw be used with a half inch drill capable of rotating at 1200 RPM's or greater.
2. When using the saw, make certain that the end of the arbor is securely fastened inside the chuck prior to connecting the drill to its power source and turning on the drill.
3. Make certain that the material to be cut is securely installed or held in place with a vice or some other means prior to cutting to make certain that the material does not move during cutting.
4. Mark the center of the hole you desire to cut in the desired material and place the pilot drill on that point. A support handle or hand guide must be installed on the 1/2" drill in order to keep the drill position centered and stabilized.
5. Hold firmly to the drill putting pressure on the back of the drill until the pilot drill breaks through the material.
6. Once through the material with the pilot drill minimize RPM and allow the blades on the saw body to engage the material to be cut before maximizing the drills RPM's holding securely to the 1/2" drill in order to keep the saws blades evenly cutting.
7. **DO NOT** put excessive pressure on the back of the drill or "muscle" the saw blades into the material. Doing so will reduce the blade life and will also increase your labor time in cutting the hole. The saw is designed to account for inconsistencies in the material being cut and if excessive pressure is put on the cutting surface the blade will not be allowed to make those adjustments when it meets higher density pockets. A slight rocking motion will allow the saw to maintain maximum RPM's. Only material dust should be coming from the blade if the saw is being used correctly. If smoke is coming from the blade there is excessive pressure being applied.

SAFETY CONSIDERATIONS



Always disengage the power source when attaching the saw assembly to the drill. Accidental saw rotation may cause injury!!

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USERS GUIDE

Large Diameter Hole Saw



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CAUTION



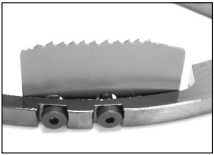
This saw may cause serious bodily injury if used improperly. Read all instructions and safety cautions BEFORE using this saw. This saw is only to be used by an adult. This saw is only to be used on a drill with a side handle. Never plug in the drill connecting it to power until you are ready to use the saw. Always leave the "Forward/Stop/Reverse" at the "Stop" position unless cutting. Never use a power tool when standing in water of any depth. Always wear safety glasses.

ASSEMBLY INSTRUCTIONS



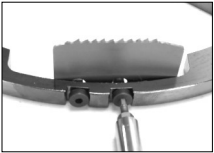
These large diameter hole saws are unique in their design and efficiency. When used in the manner recommended below it is safer, faster, and more economical in providing better quality results than any competing method of large diameter hole cutting.

If blades have been pre-installed in the blade wells skip to Step 5 "Attaching the arbor to the saw body"



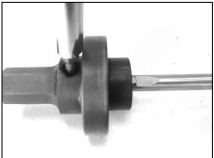
Step 1: Lay saw body on flat surface with logo, graphics and size information facing down.

Step 2: Place saw blade inside blade slot closest to you with blade "eased" front edge facing to the right as you look at the saw body from the outside.



Step 3: With blade in place, attach blade to outside wall of the blade slot by tightening both sets of cap screws and nuts until tightening forces blade flush to the curve of the blade slot. Ensure that screw heads are on the outside of the saw body and the nuts are on the inside. For easier connection start both fasteners before completely tightening the initial fastener. Install blades in all three blade sections as described above.

Placing the pilot drill into the arbor

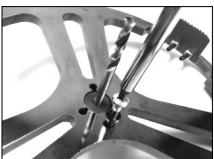


Step 4: Place pilot drill into the arbor (if the pilot drill is not already installed) and tighten set screw with hand tool making certain the screw tightens on the flat side of the pilot drill.

Attaching the arbor to the saw body



Step 5: Holding the saw body with the blades facing down, place the extended hub of the arbor into the center hole of the saw body. You may need to remove the 3 arbor attachment screws prior to placement. With the arbor placed into the saw center hole, the hex portion of the arbor should be extended away from the saw body. In this position, the 3 arbor screws can be attached from the underside of the saw body, through the saw body and into the arbor so as to affix the arbor to the saw body. Tighten to ensure arbor does not come loose during operation.



Step 6: The saw is now ready to use by placing the arbor in the chuck of a 1/2" drill and securing. Always run the drill so that the saw rotates in a clockwise direction.