Maintenance

- **Always** unplug the unit when cleaning.
- We recommend after wet use to drain any remaining coolant: The debris from many materials has a tendency to harden. Rinse and dry the reservoir and removable work surface.
- After dry use empty or vacuum the reservoir of debris and then wipe down and dry the reservoir and removable work surface.
- **Never** allow the yellow motor unit to get wet or immerse it in water. Use a vacuum to remove any debris from the bottom air vents on the unit.
- **Always** secure blades to the flat side of the motor shaft. You can use a thin coating of Inland MotorShaft Lubricant™ (Inland no. 50028) or petroleum jelly to help keep the arbor from seizing on the shaft.
- Check the power cord periodically for cuts or damage.
- Check all coolant lines and tubes to see that they are not clogged.

Product Specifications

Convertible Motor Unit
Variable Speed Motor Unit
Permanent Magnet DC motor, rectified for AC outlets
Max Torque: 48 oz-in
Max RPM: 2800
Shaft OD: .312" (5/16") Stainless Steel
Available in 115V or 230/240V models

Table Saw
Height: 6 ½"
Blade Diameter: 6 ½"
Work Surface: 12" x 9 3/4"
Maximum Cutting Thickness: 1"

Two Year Full Confidence Warranty

Parts and Accessories

40960 6 ½" x .020" Trim Saw Blade - Standard: A great all-around diamond blade for cutting hard materials.

40961 6 ½" x .012" Trim Saw Blade - ThinCut™: A little thinner diamond blade that cuts a little faster and consume a little less material, but also a bit less durable.

40968 6 ½" x .008" Trim Saw Blade - Extra ThinCut™: Our thinnest diamond blade for use on precious materials when waste in cutting needs to be minimized.

90960 MetalCut™ 6 ½" Trim Saw Blade: Toothed blade for cutting soft, nonferrous, metals such as copper, brass, or silver, and some plastics. 24 TPI (teeth per inch).

90964 WoodCut™ 6 ½" Trim Saw Blade: Toothed blade for cutting wood and some plastics. 10 TPI (teeth per inch).

69801661 Rip Fence Kit: Use to saw uniform width strips and pieces.

10885 8" Flat Lap Conversion Kit: Convert any SwapTop Table Saw into a flat lap machine for shaping and polishing. Includes 4 graduated grit diamond laps, master lap, polishing pad, and compound.

10655 Grinder / Shaper Conversion Kit: Converts any SwapTop Table Saw into a diamond grinder / shaper.

Service

For questions or comments regarding the use of this or any Inland product, visit our website at www.inlandcraft.com; email us at helpdesk@inlandcraft.com; call Inland Customer Service at 1-800-521-8428 from 9 AM to 5 PM EST or write:

Inland Craft Products, Co.
32052 Edward Drive
Madison Heights, MI 48071

Rev No. 6
Stock No. 69861060

SwapTop™ Table Saws

Users Guide

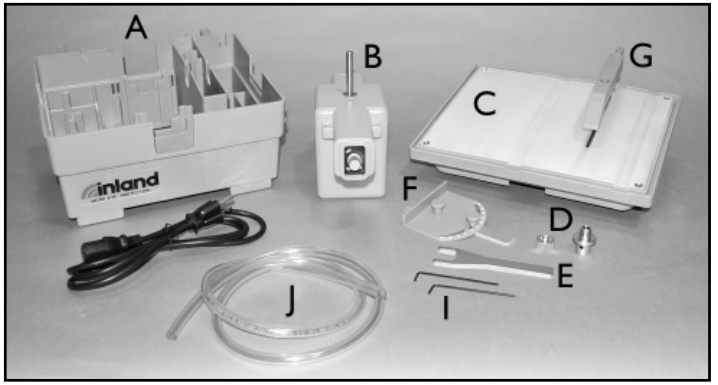
Thank you for buying this Inland product. These instructions cover assembly and use of the SwapTop™ Table Saw (models 10630, 10660, 10670) and the SwapTop™ Table Saw Conversion Kit (models 10665, 10675). Please read all the instructions to understand the correct components, set-up, and use of your machine.

Safety

- √ **Always** wear safety glasses or goggles. You can use a FaceShield™ or MagnaShield™ for *additional* protection.
- √ Plug into a grounded electrical system. **Do Not** override the grounding system.
- √ If your motor unit has a speed control feature, make sure that you set it at the maximum speed for proper operation.
- √ **Always** unplug your machine when switching between set-ups, installing blades, and making adjustments.
- √ Place on a sturdy, level, water tolerant surface at a comfortable working height.
- √ **Never** operate with guard covers and safety features removed or disabled.

Parts List

Use the chart and picture to verify you have the parts needed for your model



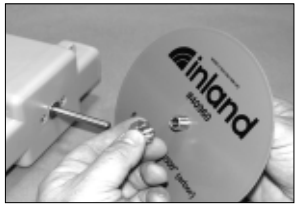
Name	Qty	10630	10660	10665	10670	10675
A Machine Base	1	yes	yes	no	yes	no
B Motor Unit	1	yes	yes	no	yes	no
C Removable Work Surface	1	yes	yes	yes	yes	yes
D Blade Arbor & Nut	1	yes	yes	yes	yes	yes
E Blade Arbor Wrench	1	yes	yes	yes	yes	yes
F Protractor	1	yes	yes	yes	yes	yes
G Blade Guard	1	yes	yes	yes	yes	yes
I 5/64" Allen Wrench	2	yes	yes	yes	yes	yes
J Plastic Drain Tube	1	yes	yes	yes	yes	yes
6 ½" Saw Blade	1	WoodCut	MetalCut	MetalCut	Diamond	Diamond

Swapping the Tops

1. Unplug the machine
2. If you are using the WaterDrip system, turn off the flow and disconnect the feed tube from the blade guard.
3. Push in on the spring loaded latches to release the top from the base and then lift straight up to remove.
4. Loosen the blade arbor (with blade attached) using the allen wrench provided and remove from the motor shaft.
5. Drain any remaining coolant from the blade well and wipe dry.
6. Follow the instructions provided in the conversion kit to install it onto the base.

Setting-Up the SwapTop Table Saw

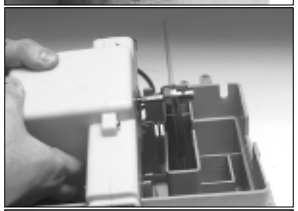
1. Make sure the machine is unplugged. If you were set up as a grinder or flat lap, remove all diamond tools, work surfaces, and reservoirs. You should have only the open machine base and yellow motor unit.



2. Mount the saw blade on the blade arbor with the blade teeth positioned to saw downward. (If you are using a diamond blade, this is not applicable.) Secure the blade using the blade arbor nut with the unthreaded side toward the blade and tighten using the provided wrench. The threads are reverse threads so the nut tightens by turning it to the left (counter-clockwise).

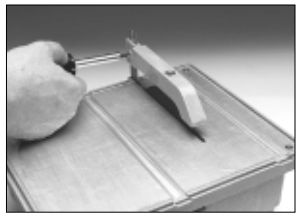
3. Slide the arbor with mounted blade onto the motor shaft. Position the blade and arbor so the blade will rest approximately in the center of the saw blade well. Don't tighten yet, exact positioning will be done in the next step.

4. Set the motor unit (with blade mounted loosely) into the machine base. Press down on the motor unit slowly, yet firmly until you feel it seat in the base. It will locate snugly. Slide the arbor to the center of the saw blade well. Tighten the blade arbor set screw to the flat portion of the motor shaft using the 5/64" allen wrench provided.



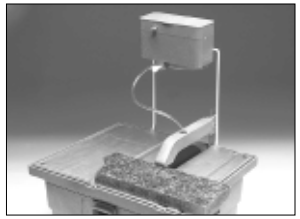
5. While holding the spring loaded latches in, lower the work surface straight down onto the base. Push down to allow the latches snap into place. You should be able to lift the entire machine by the work surface without it disengaging. Verify that the motor unit is unplugged. Turn the blade by hand to make sure it does not rub against the sides of the metal work surface. If necessary, reposition the blade arbor so that the blade will spin freely.

6. Set the blade guard in position in the slot provided on the work surface, behind the blade. Check the blade to make sure there is no interference between the blade, guard, and the work surface by plugging in the saw and turning the switch on and off quickly. The saw should run smoothly and quietly. If the blade makes contact with anything repeat Steps 4-6 until it turns properly.



Sawing With Your SwapTop

Dry Sawing



1. Turn on the saw
2. Place your material flat on the table. Slowly feed it into the blade. Allow the blade to do the cutting. Too much pressure will slow the cutting process.
3. If you feel the blade binding, make sure you are feeding material slowly and straight into the blade. Using the protractor or optional rip fence (Inland no. 69801661) to help guide material may help alleviate this.
3. **NEVER** cut anything thicker than the blade height above the work surface.

Wet Sawing

1. One of the most versatile features of your saw is it can operate wet using diamond blades.
2. If you have been dry sawing you will need to remove any sawing debris from the surface and sawing well. Install a 6 ½" Trim Saw diamond blade following the instructions in 'Setting-Up the SwapTop Table Saw'.
3. Set up the Water Drip AddOn™ Kit per its instructions and connect the coolant feed hose to the top of the blade guard. Make sure the coolant flow adjustment valve is closed then fill the reservoir with coolant.
4. Connect the plastic drain hose to the overflow outlet on the bottom rear of the saw base. Place the end in an appropriate receptacle.
5. Open the valve on the coolant reservoir to start coolant flowing onto the blade. The coolant keeps the working area of the blade clear of debris with a small puddle of coolant showing while sawing. There should not be water flooding the saw table. If a paste forms around the cutting area, increase the coolant flow; sawing dry will severely affect the life and performance of diamond blades.
6. Practice with a scrap piece of material and start slowly to get a feel for cutting with a diamond blade. You will soon develop a feel for the speed that does not slow the motor while giving you a good sawing rate.

Speed Control Motor Feature

The integrated speed control feature on the front of the motor allows you to adjust the blade's sawing speed. For general purpose sawing using toothed blades we recommend running at full speed to maximize blade life and performance. Run diamond blades at full speed unless you are sawing softer materials like glass or if the piece is thin enough where fracturing could be a concern then adjust the blade speed to between 3/4 and full speed.