



# INSTRUCTION SHEET

## SWING-SAW® CAT. #SW-130

U.S. Pat. #4,977,671, #4,437,237 & Foreign Patents



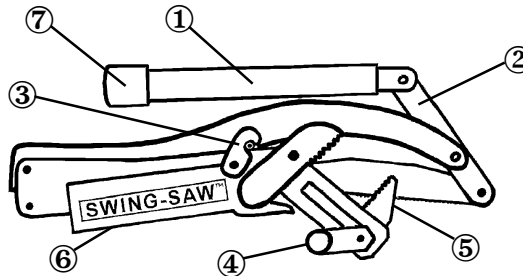
**THE FIRST PORTABLE CUTTING TOOL COMBINING  
A VISE AND A HACK SAW IN ONE COMPACT UNIT**

*(So unique it even can cut square tubing)*

*Bring the Tool To The Work*

*Instead of Bringing The Part To A Workbench!*

Thousands of applications in Automotive, Aviation, Boating, Camping, Construction, Plumbing & Electrical Installation.



Do-It-Yourself  
**Retailing**



Hardware Show

*Thank you for purchasing a fine American made tool. Before using the Swing-Saw familiarize yourself with this product to enjoy years of trouble free service.*

- 1) To ready the Swing-Saw simply move the handle 1 forward until latching rod snaps into place inside lever 2
- 2) Holding the tool in your left hand, squeeze the top and bottom portion of the tool together. Using your left or right thumb move the knurled portion of the latch 3 backward.
- 3) THE SWING-SAW IS NOW READY FOR ACTION. Untighten lever 4 (half a turn only) which secures the sliding jaw 5 of the self-clamping vise. Move the sliding jaw back by holding both ends of the bolt between your index finger and thumb.
- 4) Place the object to be cut inside the vise making sure that the bottom lever 6 (with the Swing-Saw label) is fully open, then move the sliding jaw 5 all the way against the object to be cut by pushing with your finger under the brass roller inside the sliding jaw. Retighten lever 4 securely, and check that the clamping bail 6 is still open.
- 5) To cut simply squeeze the tool with your left hand placing your thumb on top of the yellow upper housing. This will clamp the part to be cut and bring the blade against the part. Make sure that the object to be cut sits squarely in the vee portion of the vise. If you are standing up, brace yourself by placing the rear portion of the tool on top of your belt near your left hip. If you are sitting, place the rear portion of the Swing-Saw on top of your left thigh. Cuts can also be made by placing the Swing-Saw on a flat surface such as floor, bench, etc. and pushing down on the yellow housing while cutting. Now, while squeezing the tool, swing the top lever back and forth (using the full stroke of the tool). Regulate the amount of squeezing pressure for the most efficient cutting action. The top portion of a tube requires more force to cut through, while cutting through the two walls requires less force. Let the Swing-Saw do the work. Usually one back and forth stroke per second is the right speed for most material. While cutting BX or aluminum flexible conduit, place the blade over the crown of the cable before starting to cut. Once the vise is adjusted for a particular size no further adjustment is required to clamp or unclamp the tubing to be cut. The handle can be folded for storage by pulling out handle cap 7. When latching the Swing-Saw make sure that the sliding jaw is moved forward.

**CAUTION:** Never attempt to cut through a live line: always have a licensed electrician perform electrical work.

### **SPECIFICATIONS:**

*Cuts square any metal or plastic extrusions such as shelving tracks or storm window screen frames. Works great on copper and aluminum tubing; round, square or rectangular, as well as shower curtain rods, plastic or rubber tubing, threaded rod & bolts, hydraulic lines, steel braided hoses, molding & wood dowels, BX cable, surface mount raceway, lighting track, liquid tight or flexible conduit, etc. The Swing-Saw weighs 29 oz. (830 grams) and is made of the finest material available. Maximum Vise Opening: 1-1/2" (38mm), Maximum Size of Tubing Accepted: Round: 1-1/2" Dia. (38mm), Square: 1" (25mm), Rectangular: 3/4" x 1-1/2" (19 x 38mm)*

***UNLIKE THE HACKSAW,  
THE SWING-SAW HAS A 6 TO 1 LEVERAGE ADVANTAGE FOR STRONGER CUTTING ACTION!***

**Blade Replacement**

The blade is easily replaced by pushing the spring loaded plunger out: use the tip of a nail, pencil, solid wire, etc. through the side opening to retract the pin just enough to slide the blade out; reverse the procedure to install a new blade (note: the teeth should always be facing forward).

**Accessories:**

- Leather Belt Pouch, Cat. LP-123
- Lubricant Stick: LS-105: prevents clogging up of blade in aluminum (do not use with steel)
- Replacement Blades: B-109-24 for thin wall material.
- B-109-18 for thicker wall material & aluminum.
- Special blades and sliding jaws to be announced later.

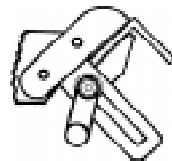
*Left Hand Users: don't panic - the Swing-Saw was designed for you, too. Simply remove the sliding jaw bolt and reinstall on the opposite side. Turn the square head until the clamping lever is facing up when tight.*

**ADVANTAGES OF THE SWING SAW:**

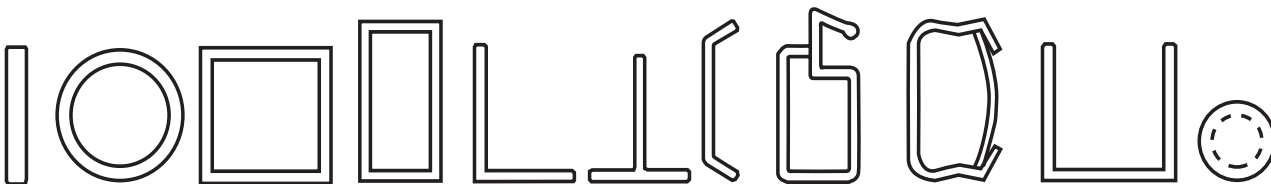
1. Start the cut exactly where you want. Will not skid across the surface or jump off the cut.
2. Cut Square - does not jam in the part. Try this with FREE HAND cutting with a standard hacksaw.
3. Self-Contained- no need to rest object on a surface which could get damaged.
4. SAFE- Prevents nasty cuts.
5. Great on top of ladder and in tight quarters.
6. Cut anywhere, no need to lug a 10 pound vise and find a place to clamp it to.
7. SAVE TIME! Cut right in place- no need to make trips back and forth to a bench.

**LATEST TIPS FROM THE USERS:**

When cutting angle material always clamp as shown in the sketch. When cutting thick walls (1/8") aluminum material use the B-109-18 blade and lubricate the blade once with our LS-105 lubricant stick. To cut lighting track clamp the larger width of the track with the jaws. When cutting chrome plated, very thin wall tubing, or lighting track, wrap a couple of turns of duct tape and cut right through it. This will prevent slipping and damage to the chrome plated or painted surface.



**EXAMPLE OF SOME OF THE CROSS-SECTION SHAPES WHICH CAN BE CUT WITH THE SWING-SAW**



**GUARANTY:** The Swing-Saw has a limited guaranty against defects for one year. During that time any parts (except the blade) will be replaced free; you only pay the one way shipping charge.

**CONCLUSION:** We take great pride in bringing to the market innovative quality products. We worked very hard to come up with this unique Swing-Saw design. We tested it extensively and we think we've got everything right. However, you the user, has the last word. Send us your comments as well as if you find a unique or unusual application, write to:



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"A SMALL COMPANY  
WITH BIG IDEAS!"<sup>®</sup>

**FROM THE INVENTORS OF THE FIRST HIP-POCKET BX CUTTER "ROTO-SPLIT"**