



The Slickplane is a hand-held tool used to ease or round the sharp edges on most woodworking projects. It produces a consistent 1/8" radius far superior to hand sanding and is much simpler and faster than a router. Optional chamfer cutters are also available to produce a chamfered edge.

The body is made of smoothly sanded select hard maple and is finished with a clear lacquer. An angled brass sole attached to the body provides support to glide the plane over the workpiece. Two replaceable carbide-tipped cutters can be independently adjusted up or down and side-to-side for complete control. The forward cutter typically roughs out the profile and the rear cutter produces the final smooth finish.

Set Up:

1. Remove the protective plastic covering from each cutter.
2. Insert the threaded end of the cutter into the Slickplane through the brass sole so the cutter bevel is parallel to the brass sole (Please Note: Step 1 and 2 may have been done at the factory).

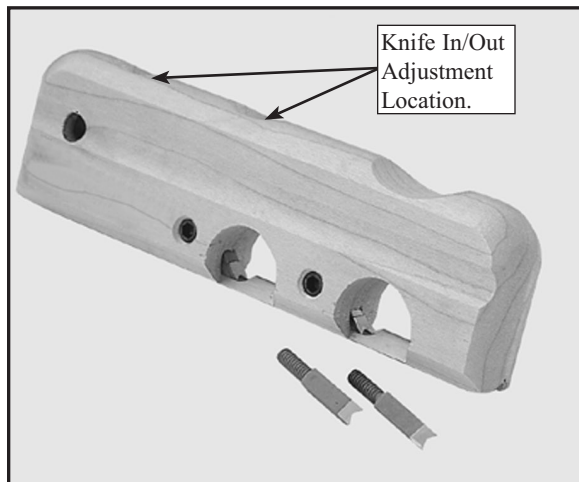


Figure 1. The Slickplane and its knives. Note the location of the in/out adjustments.

W1100 Slickplane Instructions

3. Adjust the cutter "in" by manually holding the cutter in place. Insert the Allen wrench in the corresponding hole on top and turn in a clockwise direction. (See Figure 1.) Turn the Allen wrench counter-clockwise to adjust the cutter "out". Repeat this procedure for the second cutter adjustment.
4. Each cutter is also adjustable from side-to-side and can be centered on the brass sole by adjusting the Allen setscrews on each side of the cutters. (See Figure 2.)

WARNING:

Do not overtighten the side-to-side setscrews. Overtightening may cause the hardwood body to crack. When tightening, apply just enough pressure to hold the cutters in position.

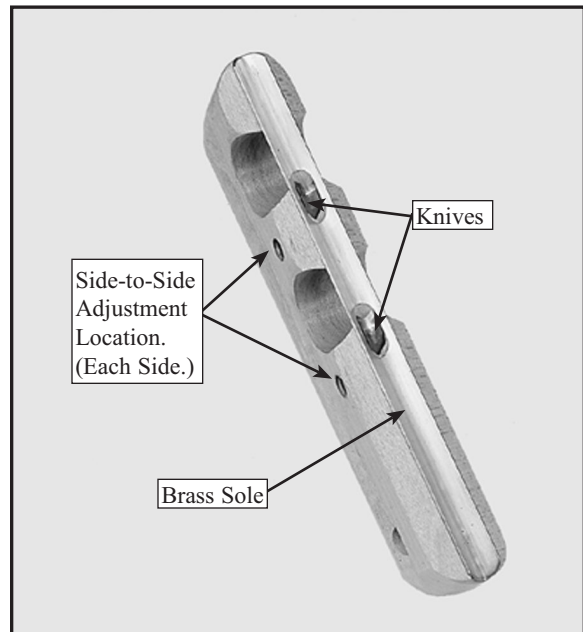


Figure 2. The underside of the slickplane. The side-to-side adjustment locations are shown.

5. Ensure that the cutters are centered with the brass sole by sighting down the length of the sole. When making fine adjustments, loosen the Allen setscrew on one side before tightening the other side. Once again, do not over tighten the setscrews or the hardwood body may be damaged. Check your adjustments by testing your Slickplane on a sample piece of wood. If you find it necessary to reset the depth of a cutter, loosen one of the side adjustment setscrew, adjust the depth and re-tighten the same side adjustment setscrew.

Operation:

Comfortably hold your Slickplane at a 45° angle to the edge of your workpiece so that the brass sole is equally supported by the two faces of your workpiece. (See Figure 3.) The Slickplane operates the same as any hand held plane and should be guided in the direction of grain “run out”. If the slickplane wants to dig in, simply reverse your planing direction.



Figure 3. Using the Slickplane.