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Hot-air welder instructions

Material to be welded should be as clean and dry as possible, and on a relatively smooth hard surface. Plug in welder (110 volt), turn on welder fan using black toggle switch on back end of welder, and turn red dial to “8” (small numbers can be found around the dial). Let welder warm up for about 3 minutes before beginning welding. The weld will be approximately one and one-half inches wide (width of roller head). If operator is right-handed, hold the welder in left hand and position welder at a very low angle, with rear end of welder barely off surface and slotted nozzle just in between layers of material being joined together. Operator should be able to visually see just the outside corner of nozzle during welding process. The roller will be held in the right hand. When ready to begin welding, quickly insert welder nozzle between the two pieces of material, with roller head positioned immediately to right of welder nozzle and on top of both layers of material. Immediately begin moving welder from right to left along the seam at a slow, steady speed while following along with the roller head, using a “rocking and rolling” motion (moving roller forward and backward in rapid 1” to 2” motions. The speed of welder travel should be just fast enough to keep from burning material. The goal is to get the materials as hot as possible (for a good weld) yet not so hot as to obviously burn them. Check the weld periodically (after about 1 to 2 minute cooling time) to see if the coatings of the material are being removed uniformly. If not, you are welding too fast or erratically.

In order to make the heat elements last as long as possible, turn off heat (red dial) when finished welding and allow the air to cool the welder for several minutes prior to turning off completely. Please contact us with any questions.

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