

BRECOflex CO., L.L.C.

High Precision Drive Components

Operating Instructions for BRECOflex Field Welding Equipment

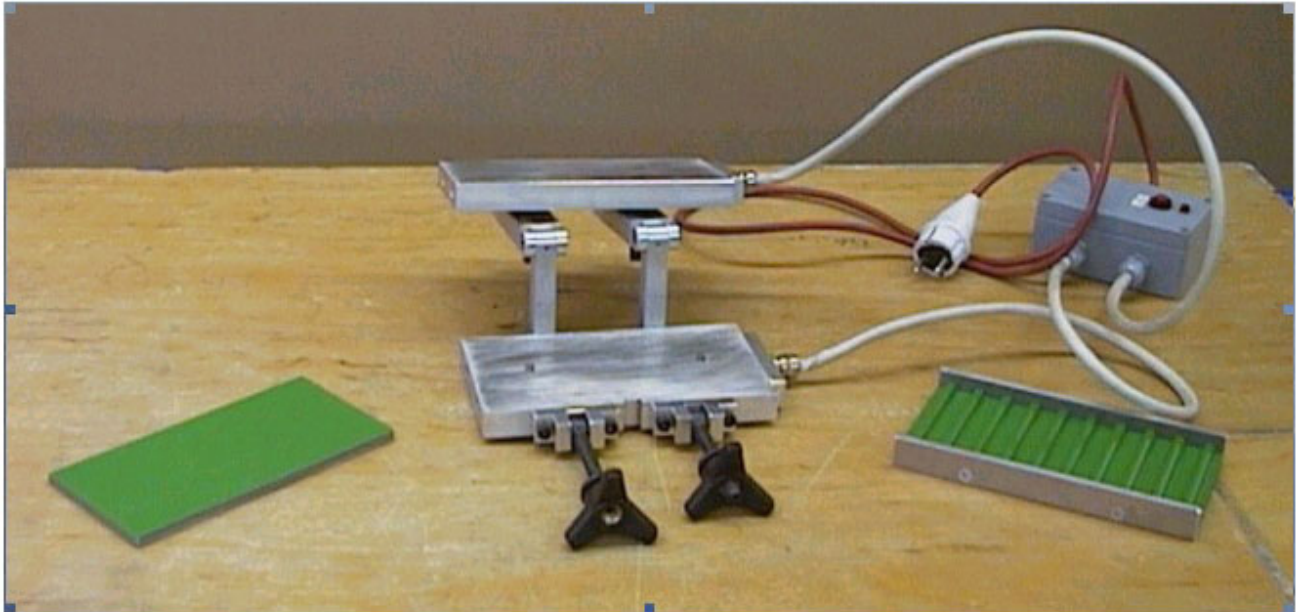


Illustration 1: Components of welder include press, toothed and top plates, and controls. A bonding agent is required for operation and is not sold by BRECOflex CO., L.L.C. – visit www.brecoflex.com/fieldwelder for the bonding agent specifications and a list of vendors.

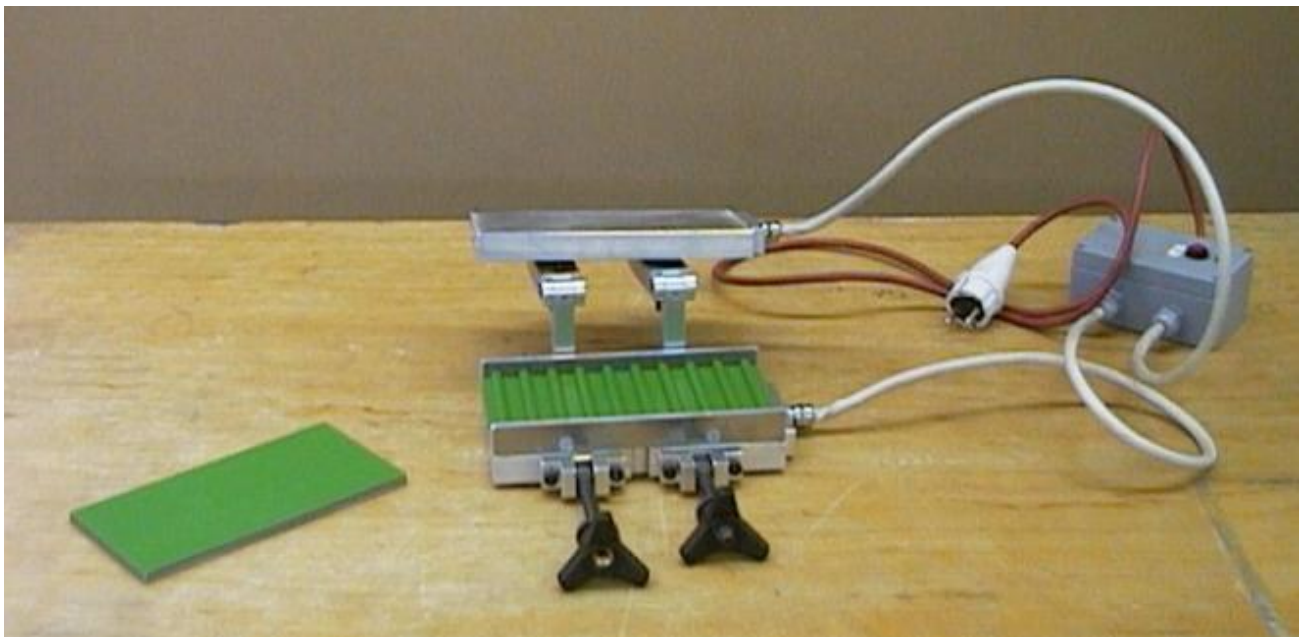


Illustration 2: Place the toothed plate with flanges on top of the base plate.



Illustration 3: Remove stray wires in the die-cut area of the timing belt.

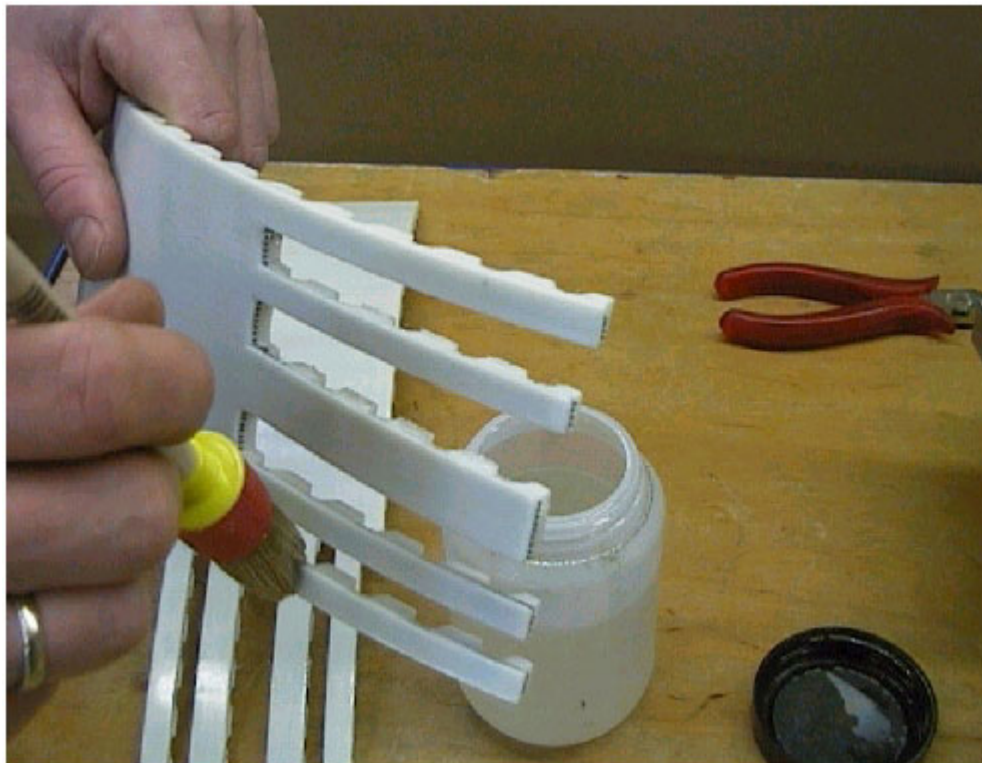


Illustration 4: Wet the areas to be welded with the bonding agent

NOTE: Avoid skin and eye contact with polyurethane adhesive. Do not inhale fumes.
Observe the safety instructions of the adhesive manufacturer.

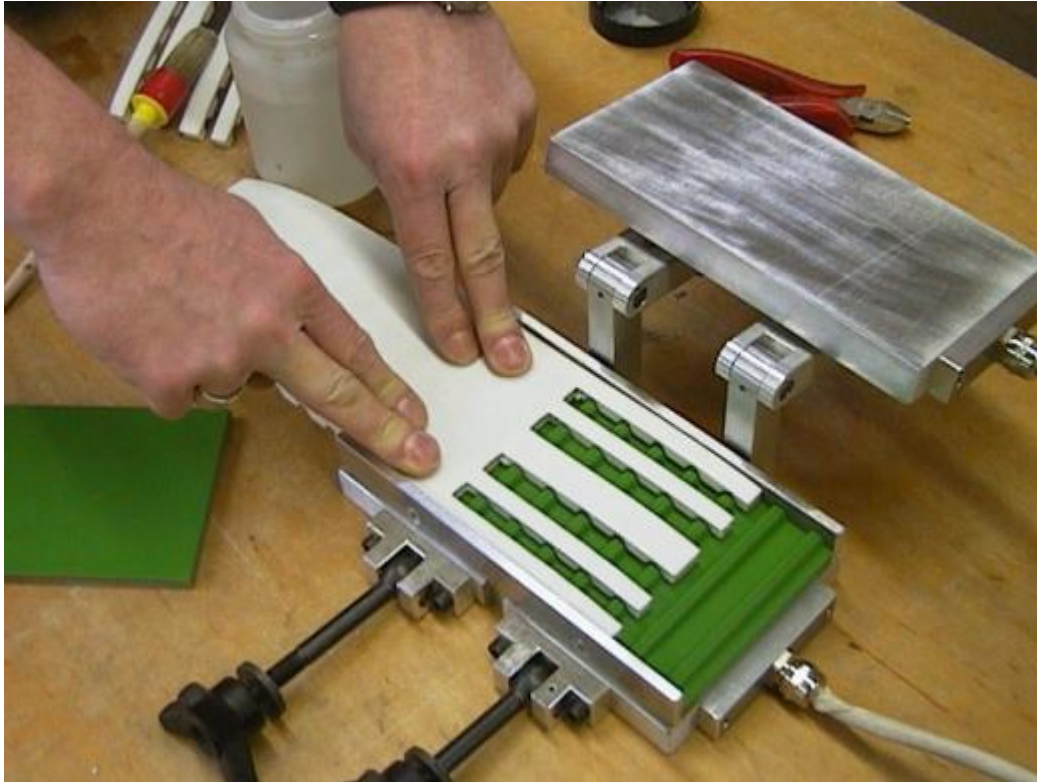


Illustration 5: Insert first half of timing belt after having applied the bonding agent.

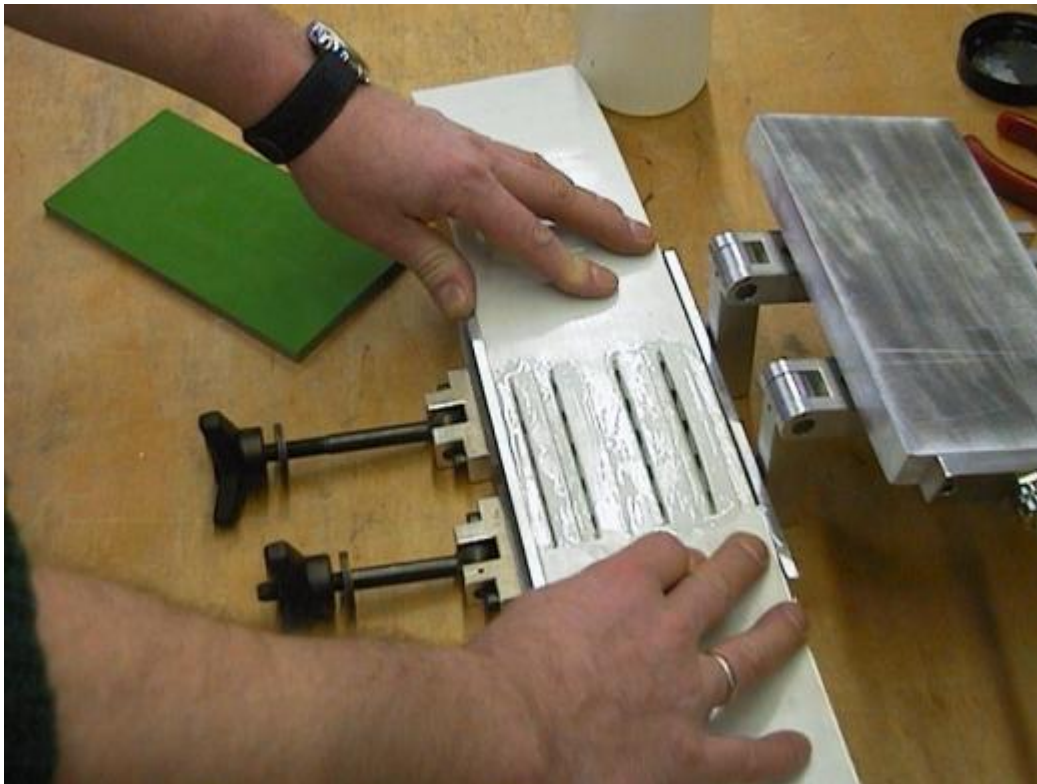


Illustration 6: Insert second half of timing belt after having applied the bonding agent.

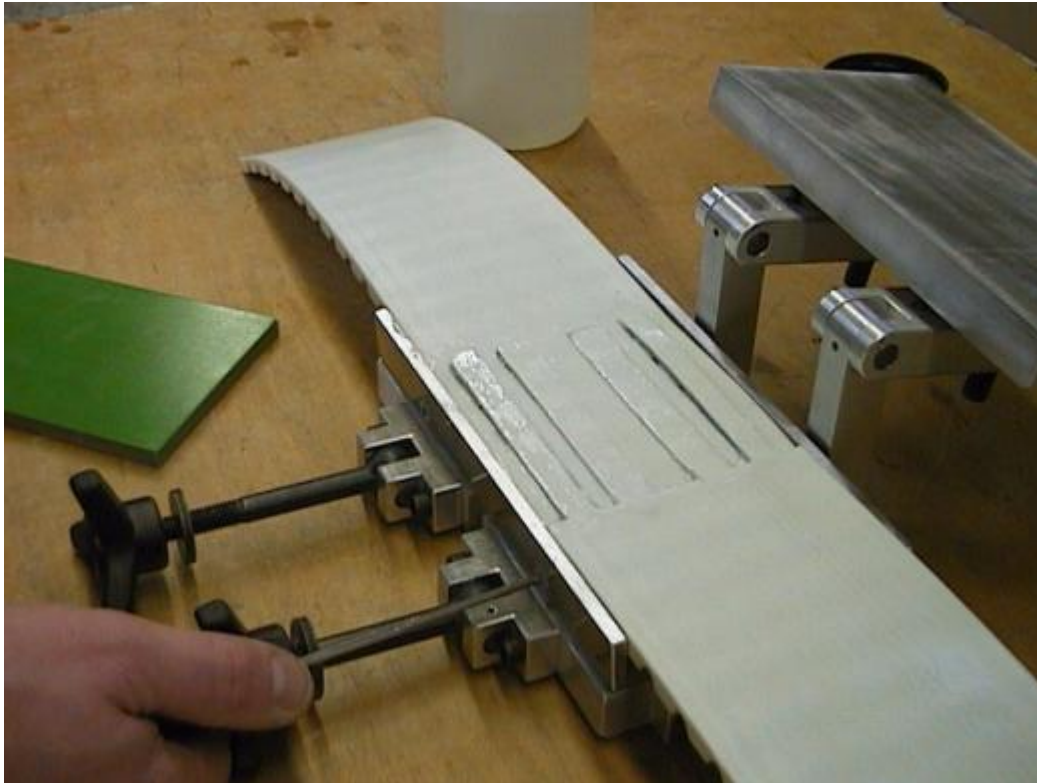


Illustration 7: Open flanges to facilitate placement of timing belt.

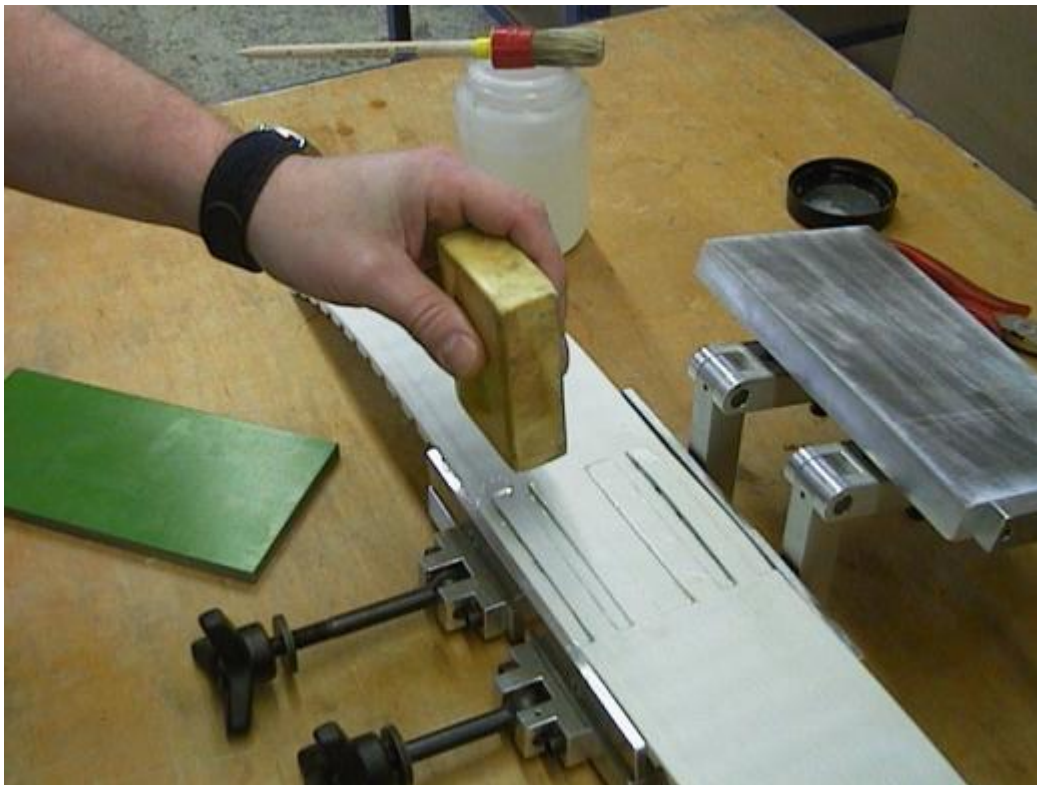


Illustration 8: Press timing belt sections into the welder by lightly tapping with a plastic part.

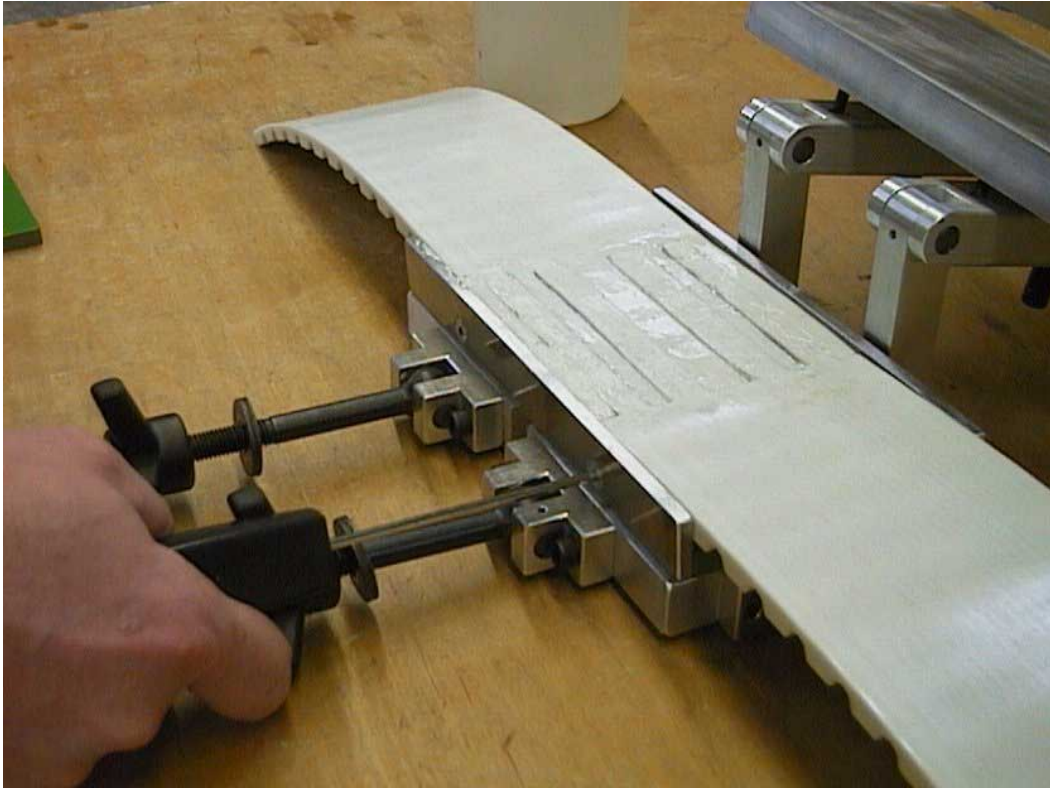


Illustration 9: Tighten screws of flange(s).

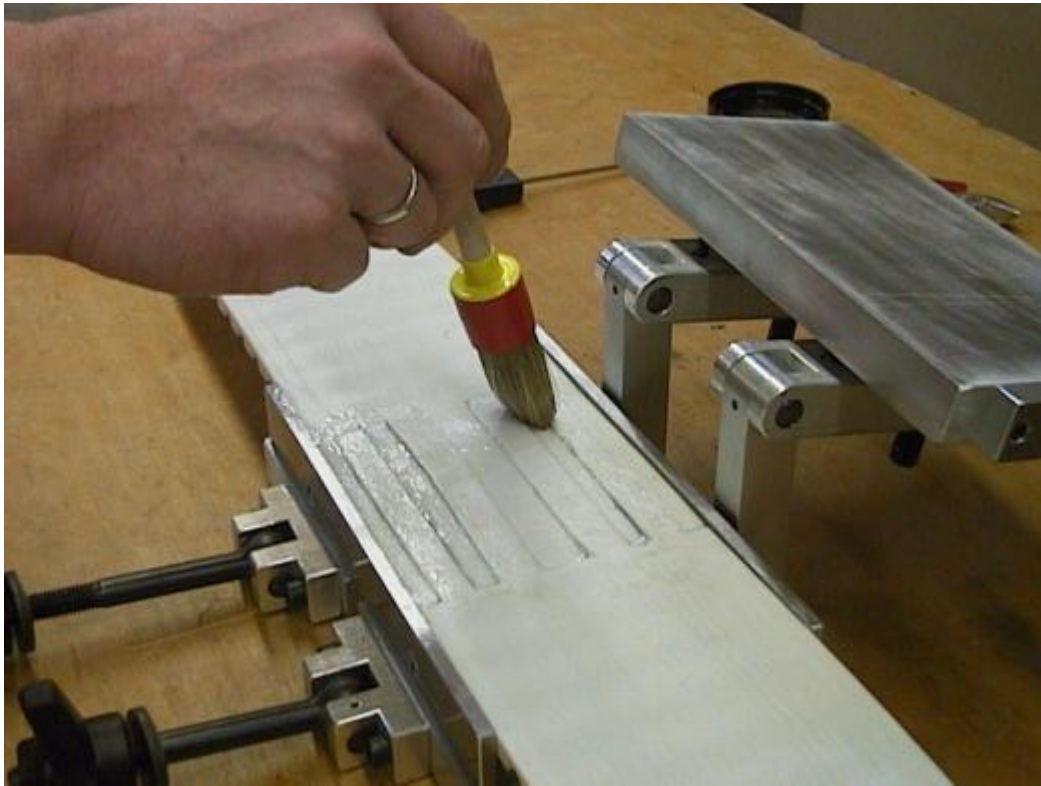


Illustration 10: Brush additional bonding agent onto the weld area.



Illustration 11: Position the pressure plate over the weld area of the timing belt.

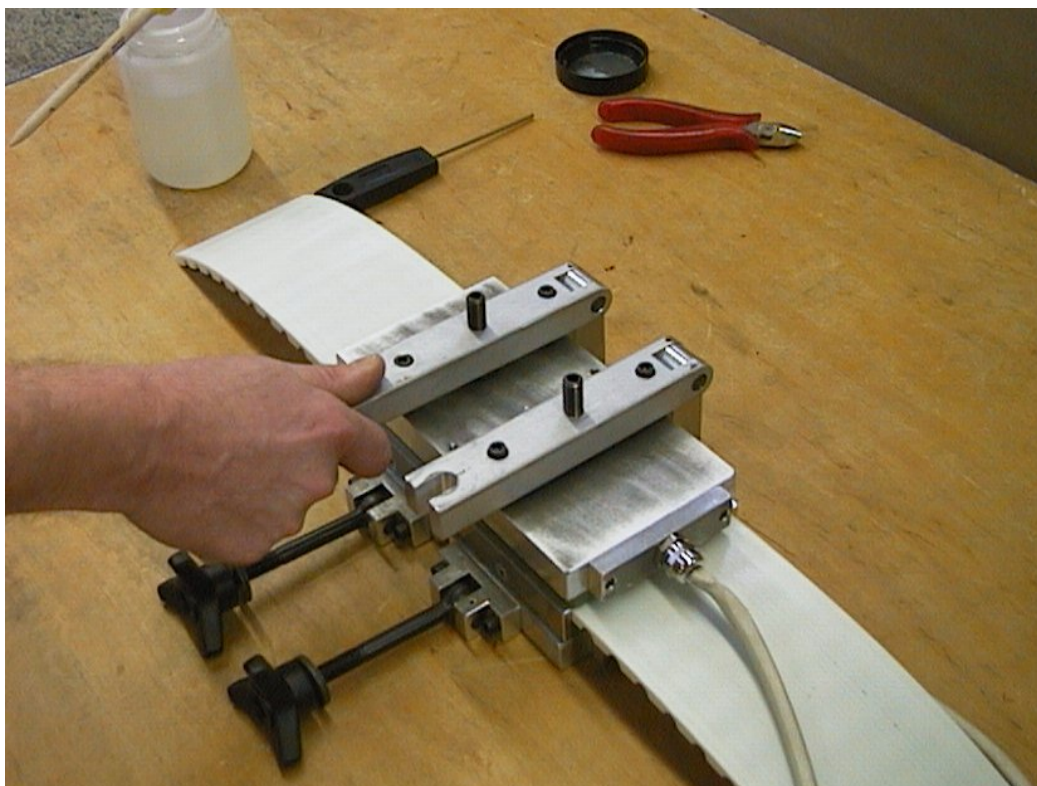


Illustration 12: Flip top plate over pressure plate.

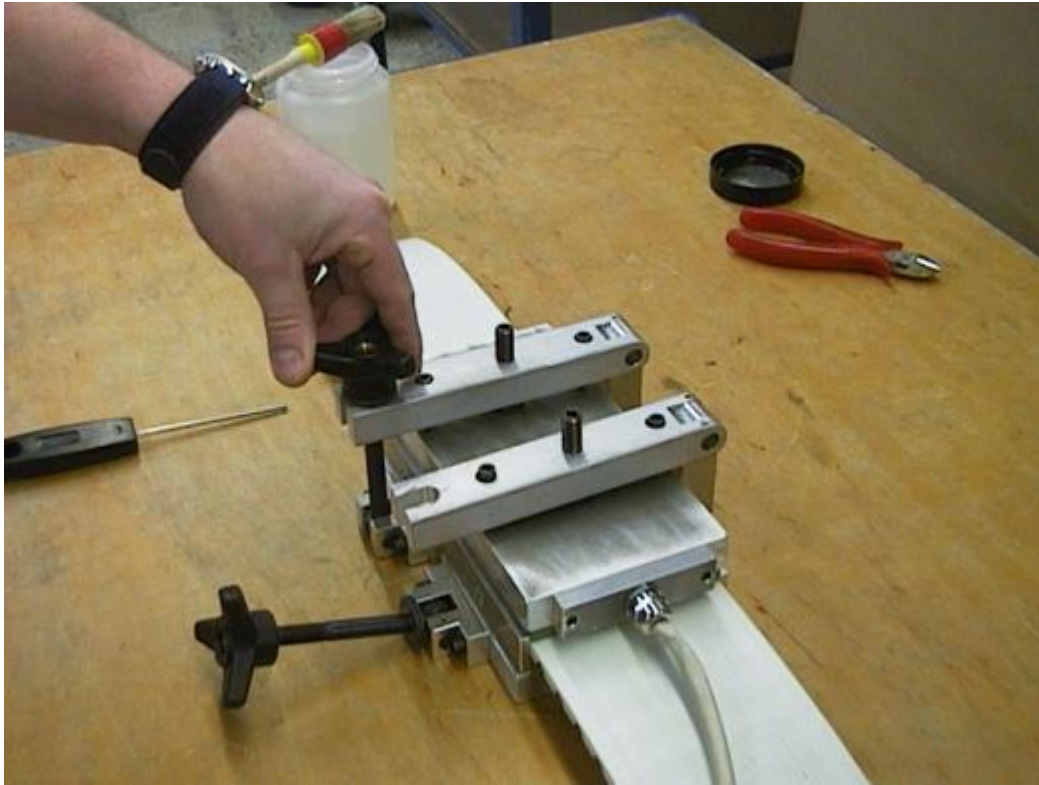


Illustration 13 : Tighten top plate with wing nuts



Illustration 14 : Tighten top plate with wing nuts

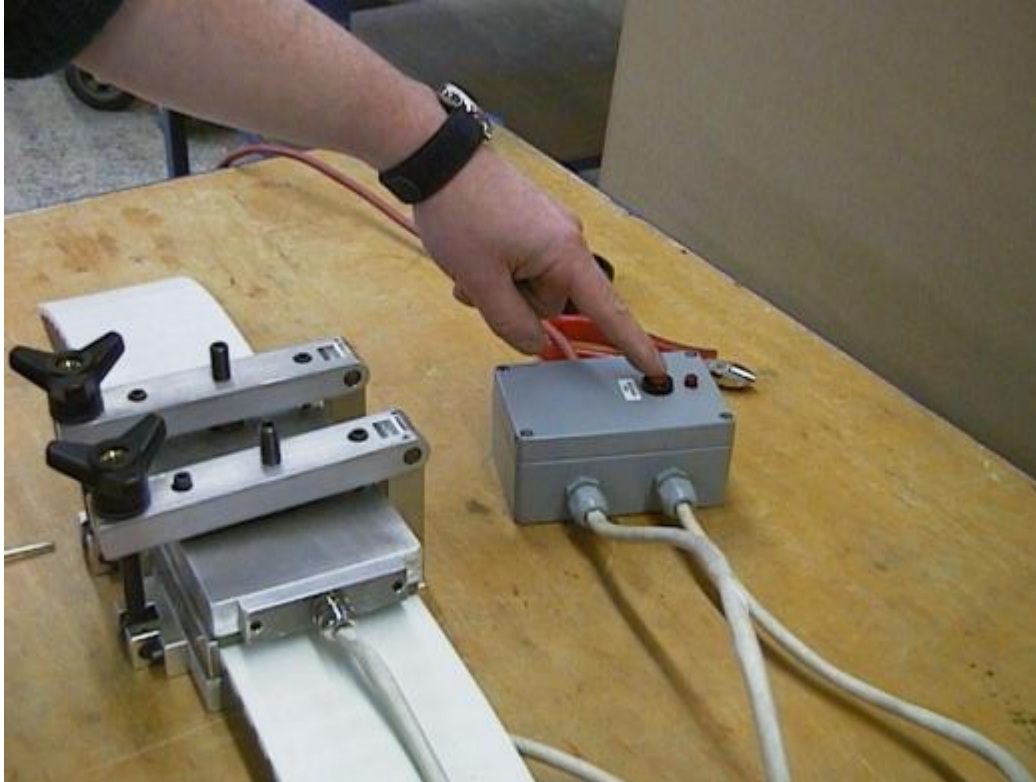


Illustration 15: Make sure that the power cord is plugged in. Switch on the heating element. The indicator will light for only the first few minutes of the cycle.

NOTE: The welder will become very hot! Danger of burning!

The heating element will automatically switch off after reaching the internal weld temperature of approximately 200°F. After a heating and cooling time of approximately 90 minutes, the timing belt can be removed from the welder.

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