



## CHOPPER INSTRUCTIONS for Model CDA-08 & CDG-08

### OPERATION:

Fold glass strand back 2" for easy insertion in glass guide bushing of cover (CA004). Press control slightly. Glass will engage the feed roller (CA009) and the chopped glass will discharge from the rectangular opening in the front of the chopper. More pressure on the trigger will increase glass delivery.

### CARE:

Your chopper is a precision built tool, manufactured in the USA by expert craftsmen. With reasonable care, you will enjoy long, trouble free service. The following are suggestions to achieve that long life:

1. Be sure glass strands are not contaminated with dirt or resin.
2. Always remove the power source before removing cover. (CA004).
3. Always wear safety glasses.
4. Replace the blades (CA007) and the anvil roller (CA011) at the first sign of wear.  
(Keep a good supply of these parts handy)
5. Check daily for loose screws and nuts.
6. Use clean, lubricated air at all times for air tool for long life.

### TROUBLE SHOOTING:

<u>Problem</u>	<u>Probable Cause:</u>
1. Long Strands	A. Dull blades (CA007) B. Improper tension in anvil roller assembly (CA010) or feed roller assembly (CA008) C. Worn anvil roller (CA011).
2. Short Strands	A. Too many blades installed B. Dirt or fiberglass preventing free rotation of anvil or feed roller assemblies. C. Feed roller shaft (CA016) may need lubrication or has corrosion.
3. Chopper will not start	A. Insufficient air pressure. B. Anvil roller (CA007) adjusted too tight. C. Blade is against wedged into the Anvil Roller at start-up. (Rotate it slightly backwards and re-start)

### OUTPUT & CONSUMPTION:

Model CDA-08 3.5 lbs/min at 1" length, 70 to 100psi, 3.5CFM

Model CGA-08 3.1 lbs/min at 1" length, 70 to 100psi, 3.5CFM

### ADJUSTMENTS:

Anvil roller: Insert 3/32" hex key into the center hole of the chopper plate. **BE SURE TO LOOSEN SET SCREW BEFORE MAKING ADJUSTMENTS. FAILURE TO DO SO WILL DAMAGE THE SHAFT, POSSIBLY DAMAGE THE ALUMINUM PLATE AND MAY VOID WARRANTY.** Looking down at the chopper components with the cover removed and the anvil roller is to your right, turn the anvil roller **CLOCKWISE** until it makes contact with the knurled surface below the blades. We recommend 0.010" clearance between the cutter roller body and the anvil roller. Tighten the set screw with the hex key. Then adjust the feed roller by loosening the set screw adjacent to the first set screw and adjusting the feed roller counter clockwise until .010" clearance is achieved between the feed and anvil rollers; tighten the set screw. If the adjustment is too loose, you will get long strands. If the adjustment is too tight, you will get short strands or excessive wear on the blades (CA007), anvil roller (CA011), and the anvil roller assembly (CA010). Too tight adjustment can also prevent the chopper from starting. Once the adjustments have been made, replace the cover (CA004).

### NOTE:

All new choppers are tested with fiberglass before shipping. There may be some residual glass inside the chopper after testing. You may also need to re-adjust your chopper at delivery. This is due to differences in environmental and climate conditions.

A .pdf of this instruction is available at [www.esmfg.com](http://www.esmfg.com).