Big-A 15 Gallon Mastic Machine Operating Instructions

IMPORTANT: SAFETY PRECAUTIONS MUST BE OBSERVED WHEN USING THIS EQUIPMENT. FAILURE TO FOLLOW INSTRUCTIONS AND EXERCISE REASONABLE CARE CAN RESULT IN DAMAGE OR INJURY.

1. Position the burner at least six (6') feet from any combustible material. Light the LP torch as described noting to ALWAYS remove torch from machine before lighting. Torch Regulator should be set to between 8 and 12 psi.

2. After lighting torch, insert into the melter burner as shown below slowly without smothering the flame. **Note: If the torch is inserted in the burner quickly when the flame is running full, it is likely to be smothered before it can start an updraft. If the torch is smothered while in the burner well of the machine, it is extremely important to allow any unburned gas in the burner to vent before reinserting the torch. If wind is a factor, locate the machine so the burner is operating down wind.

3. After waiting a moment to allow circulation of air to exhaust, readjust the regulating valve as needed. Allow machine to warm on a medium heat setting for only 1-2 minutes. Ensure the torch is positioned fully in the burner opening.

4. For best results, Load mastic from a stationary preheated kettle with desired amount of premixed mastic and aggregate.

5. The machine is designed to draw liquid from a preheated stationary kettle for immediate use. As a melter, heat on a low to medium slowly until temperature is reached. (370-390 degrees) then add the aggregate. Heat penetrates the block of mastic slowly. Waiting for the block to completely melt is inefficient and time consuming. For best results and fastest melting rate, stir the melted material frequently as shown. Extended or overheating over 400 degrees F. is not advised.
   - Stir material prior to operation. Stirring will increase melting rate and keep any un-melted portion of poly bag away from the valve.
   - Flashing can be completely prevented by not allowing the material to exceed 400 degrees
   - If the material does become too hot, remove the torch immediately. For regular operation, half the normal flame on the torch gives sufficient heat. If flashing does occur, close the cover immediately. NEVER use water to extinguish a melter fire and always have a Fire extinguisher available.

It is not necessary to drain the melter at the end of the day.

Burner Placement and Material Agitation