



# ASSEMBLY INSTRUCTIONS FOR QUICK SILVER™ AUTOFLASH AUTOMATIC SCREEN PRINT DRYER (U.S. patent)



Approximate assembly time: Ten minutes

1. Carefully unpack the shipping carton to reveal the floor stand base, vertical column and dryer head with attached control panel assembly.
2. Place the base on the floor. Next, insert the vertical column into the receiving tube of the base so that the restricted end of the vertical column contacts the 5” long (127mm) spring. Finger tighten the tensioning bolt to loosely secure the completed assembly.
3. Install the dryer head with attached control panel assembly by lowering onto the vertical column. Using a 9/16” hex wrench, secure dryer head assembly to vertical column by tightening tensioning bolt provided. Caution: Do not over tighten.
4. Final height adjustment can be made by raising or lowering vertical column into floor base receiving tube (with spring installed). For safe operation always make certain that a minimum of 3 inches (76.2mm) of the vertical column is secured within the upper receiving tube and a minimum of 6 inches (152.4mm) of the vertical column is secured within the lower receiving tube. (Note: If the length of the column restricts you from making an unusually low height adjustment, it may be necessary to shorten the length of vertical column to fit. Please call Intek service technician at 1-800-357-8559 or 636-584-8500 before attempting any design modifications.)
5. Make certain the lighted on-off switch is in the “off” position, then plug the unit into any suitable power outlet. A variable speed motor control is located on the bottom of the control panel hidden from view. It will rarely be used, but may be helpful during startup and set up operations. A slow setting (turn control shaft counterclockwise) is advised which will allow you to carefully inspect each step of during startup. Once assembly is complete, the speed setting can be increased by turning the control spindle clockwise to provide a faster shuttle speed suitable for production requirements.
6. Turn lighted on-off switch to the “on” position and adjust the speed control, identified in step 5 above, to suit.

7. Varying results can be achieved by adjusting the dryer temperature, dwell time, and/or the dryer height. To control the heat to suit your application adjust the heat control marked “% of total output.” We suggest 0% (no heat) during startup, then as much as possible, up to 100% for full production. Use the variable dwell timer (0 - 60 second duration) to control the length of time that the dryer is exposed to the item being dried/cured.

### **MAINTENANCE RECOMMENDATIONS**

- Maintain proper tension on drive chain. If chain is too loose limit switch triggers attached to chain may jam against the frame.
- Once monthly, use Zep45, WD40, 3in1 Oil or similar product to lubricate 3 stage slide mechanisms and drive chain.
- Do not use AutoFlash near wash down booths or other areas of high moisture content. Slide mechanisms and chain will rust.

### **TROUBLESHOOTING GUIDE**

Before attempting to diagnose any problem, mechanical or electrical, disconnect power first as a safety precaution. If work is required on the electrical components consult a skilled electrician, then check these things first:

Appropriate main power is correctly provided to unit  
Lighted rocker switch is on  
Fast blow 3A switch is good

**PROBLEM:** Switch is on, power light is on, but unit won't move in forward or reverse direction.

**CHECK** motor speed control (located on underside of control panel)

**CHECK** 3amp fast blow fuse. **DO NOT ATTEMPT TO USE ANY OTHER TYPE OF FUSE.**

**CHECK** limit switch trigger location. Tabs attached to drive chain must contact limit switches for proper operation and sequence.

**PROBLEM:** Switch is on, power light is on, unit travels slowly in both directions

**CHECK** motor speed control (located on underside of control panel)

**CHECK** all 3 stages of slide mechanism for free movement and proper lubrication.