Brazing Machine Specifications

- **Assembly:** Two-piece, ½” O.D. copper tube to brass body.
- **Paste Filler Metal:** Fusion STK-1205-750 (BAg 7)
- **Production Rate:** 250 parts per hour, one operator.
- **Dimensions:** 48” X 48” welded steel base, 26” dia. aluminum tool plate, stainless water trough, PDC 15” direct drive indexer.
- **Utilities:** Electrical (460 VAC, 3PH), Control voltage 24VDC, Gas (144 CFH) Water (1 gallon/minute) Compressed air (28 CFM).
- **PLC:** Allen Bradley MicroLogix 1200 with MicroView operator interface.
- **Options:** Two-axis adjustment on paste applicator slide; device permits incremental movement up to 2 ½” in both (XY) axes.
- **Sequence:**
  - Station 1 - Load/Unload Assembly
  - Station 2 - Apply Paste Automatically
  - Station 3 - Heat
  - Station 4 - Heat
  - Station 5 - Heat
  - Station 6 - Air Cool
  - Station 7 - Water Cool
  - Station 8 - Water Cool

**8-station brazing machine operates at 250 parts per hour with one operator.**

Applicator gun dispenses two premeasured deposits of paste filler metal to joint area.

Inner and outer manifolds provide balanced heat pattern to bring filler metal to 1205°F liquidus and seal joint.