



Brazing & Soldering

BRAZE MATE Model 100

Single Station Brazing/Soldering Machine

SEQUENCE OF OPERATION:

- Operator loads assembly into stainless steel fixture.
- Paste applied with automatic dispenser gun.
- Dual, zero-pressure, "touch" buttons depressed to actuate automatic heating/cooling cycle.
- Joined assembly unloaded by operator; rates up to 60 per hour.

SPECIFICATIONS

CONSTRUCTION: Structural aluminum frame with clear acrylic guarding on three sides.

DIMENSIONS: 36"W x 48"D x 34" load height; operator can be seated.

PASTE APPLICATOR: Two modes available, hand-held or stationary mounted.

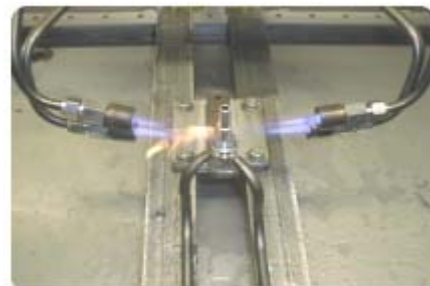
HEATING: Rigid steel gas train includes air pressure switch, gas flow meter, and manifold pressure gauges. Single-axis heat slide oscillates throughout timed heat cycle to eliminate "hot spots" at assembly joint area. Quick-change heat manifold adapts to different part requirements. Hi-Lo flame control to conserve fuel when heat is idle.

COOLING: Timed air and water sequence; water captured in stainless steel trough; optional water recirculating system available.

FIXTURES: Stainless steel mounted on "unistrut"; quotations based on assembly prints and parts.

CONTROL: PLC with Operator Interface Panel to change timers and counters.

UTILITIES: 120 volts, single phase, 5 amp; natural gas or propane; 80 psi air, water and drain.



Oscillating burners distribute heat evenly throughout the joint area.



Hinged door provides easy access to utilities and heat controls.



FUSION INCORPORATED

4658 E. 355th St., Willoughby, OH 44094
Phone 1-800-626-9501 o (440) 946-3300
Fax (440) 942-9083 o e-mail: sales@fusion