



Brazing & Soldering

BRAZE MATE Model 200

Dual Station Brazing/Soldering Machine

SEQUENCE OF OPERATION:

- Operator loads assembly into stainless steel fixtures.
- Operator applies paste with automatic dispenser gun.
- Dual "touch" buttons actuate automatic heating/cooling cycle.
- Joined assembly unloaded by operator; rates up to 120/hr.



SPECIFICATIONS

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

DIMENSIONS: 72"W x 56"D x 34" load height; operator can be seated.

PASTE APPLICATOR: Three modes available: 1) Fully automatic, slide mounted, in-station. 2) Semi-automatic, fixed position, off-station. 3) Hand held, automatic, in-station.

HEATING: Rigid steel gas train includes air pressure switch, gas flow meter, and manifold pressure gauges. Dual heat stations have independent slides and controls so different assemblies can be brazed or soldered simultaneously. Hi-Lo flame control to conserve fuel when heat manifolds are retracted and idle. Burners oscillate horizontally to provide even heating (independent from side to side)

COOLING: Timed air and water sequence; water captured in stainless steel trough; optional water recirculating system available. (Optional Water Recirculating System includes air driven pump with solid waste filter and cartridge flux filter.)

FIXTURES: Mounted on stainless steel "unistrut". Quotations based on assembly prints and parts.

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

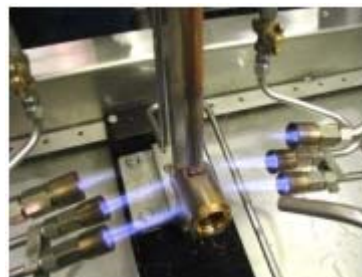
UTILITIES: 120 volts, single phase, 5 amp; natural gas or propane; 80 psi air, water and drain.



Dual heat stations feature independent control and hi-lo flame to conserve fuel.



Oscillating burners eliminate "hot spots" during heating cycle.



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