

## Suction-Cap Tube Solder Machine



### Benefits

- **Dedicated process delivers better than 99.8% FTTC**
- **Fully Programmable**
- **Semi-Automatic Parts Loading & Finished Parts tray**
- **15-second typical cycle time**
- **Automatic Wirefeed & Parts Cooling**
- **Digital Operator Interface for quick changeover and diagnostic messages**

## ***MACHINE SPECIFICATIONS***

### **MECHANICAL**

- ◆ Rigid welded frame with enclosure panels and floor pads
- ◆ Heavy-duty guarding and stainless steel material loading/unloading stations
- ◆ Integrated heavy-duty stainless steel exhaust hood
- ◆ Modular Variable-Speed Conveyor System
- ◆ Centrally located utilities facilitates lockout/tagout procedures
- ◆ Machine coated with corrosion-resistant Safety Blue paint

### **ELECTRICAL**

- ◆ Programmable Logic Controller
- ◆ Digital Operator Interface including Automatic Message Display
- ◆ Failure Diagnostic
- ◆ NEMA 4/12 Electrical Enclosure
- ◆ 110 VAC power—All logic controls 24 Volt DC
- ◆ Light tower for monitoring machine status

### **HEAT SYSTEM**

#### **GAS & OXYGEN COMBUSTION SYSTEM**

- ◆ Gas/Oxygen mixing system
- ◆ Hi/Lo Burner Control System for fuel conservation and to prolong fixture life
- ◆ Gas and oxygen flow meters
- ◆ Flash back arresters and line regulators
- ◆ All stainless steel manifolds, fittings, and tubing



### **PROCESS**

- ◆ Repeatable machine-controlled automated soldering process
- ◆ Operator-controlled production rate up to 15 second cycle
- ◆ Process controllable through Digital Operator Interface
- ◆ Thermally adjustable heat station
- ◆ Post-braze adjustable air and water cooling
- ◆ Long-life stainless steel semi-automatic load system and heat shields designed for thermal resistance and error-proof loading

### **GENERAL**

- ◆ A two-day trial run, acceptance, and training of your representatives in our facility is included
- ◆ Machine manuals including electrical, gas system, and utilities are provided
- ◆ Tooling/Fixture assembly drawings, spare parts lists, and program logic is included

## **OPTIONAL FEATURES**

- ◆ Automatic Filler Alloy Wirefeed System with protective spool Covers
- ◆ Alloy low level warning indicator
- ◆ Corrosion-resistant Wastewater Reservoir & Sump Pump System
- ◆ Corrosion-resistant quench water Recirculation System
- ◆ Heavy-duty stainless steel material holding trays
- ◆ Exhaust flow sensor
- ◆ Exhaust or machine enclosure temperature sensor

## **Talk to us about:**

- ◆ **Your Automation Needs**
- ◆ **Retooling Current Equipment**
- ◆ **Upgrades and Refurbishments**
- ◆ **ISO Registration**

Contact our area representative at:

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