

**MSIB™**

**Multi-Station In-Line Brazer**



**Benefits**

- Repeatable machine-controlled processes
- Dedicated processes deliver better than 99.8% FTTC
- Production rates over 250 parts per hour
- Two manifolds for handling multiple applications
- 25 stations tailored to production requirements
- Digital Operator Interface for quick changeover, diagnostic messages and preventative maintenance scheduling

## **MACHINE SPECIFICATIONS**

### **MECHANICAL**

- ◆ Rigid welded frame with and floor leveling pads
- ◆ Heavy-duty cam indexing system
- ◆ Heavy-duty stainless steel water troughs
- ◆ 16 Gauge Stainless Steel Exhaust Hood included
- ◆ Automatic Unloading System included
- ◆ 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 and Preventative Maintenance System
- ◆ NEMA 12 Electrical Enclosure
- ◆ 240/480 VAC power—All logic controls 24 Volt DC
- ◆ Light tower for monitoring machine status

### **HEAT SYSTEM**

#### **GAS & AIR COMBUSTION SYSTEM**

- ◆ Electronic Variable Blower Gas/Air Combustion System
- ◆ Hi/Lo Burner Control System for fuel conservation
- ◆ Gas flow meter and manometer
- ◆ Timed Igniter Wand
- ◆ All stainless steel torches, fittings, and tubing



### **PROCESS**

- ◆ Repeatable machine-controlled production process
- ◆ Thermally adjustable heat stations
- ◆ Post-braze adjustable air and water cooling
- ◆ Automatic Dispensable Flux Applicator Systems included
- ◆ Long life stainless steel tooling designed for thermal resistance and error proof loading of parts

### **GENERAL**

- ◆ A one-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**

- ◆ Optical Pyrometer safety system to determine final part temperature before operator unload
- ◆ Exhaust flow sensor
- ◆ Exhaust temperature sensor
- ◆ Corrosion-resistant Wastewater Reservoir and Sump Pump System
- ◆ Temperature controlled recirculating quench water system

## **Talk to us about:**

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

Contact our area representative at:

**Web: <http://www.pesdaytona.com>**

**Precision Engineered Systems, LLC, 225 Fentress Blvd., Daytona Beach, FL 32114**

**Phone: 386-238-5886—Toll-Free: 888-272-0464—Fax: 386-238-7997—Email: [sales@pesdaytona.com](mailto:sales@pesdaytona.com)**