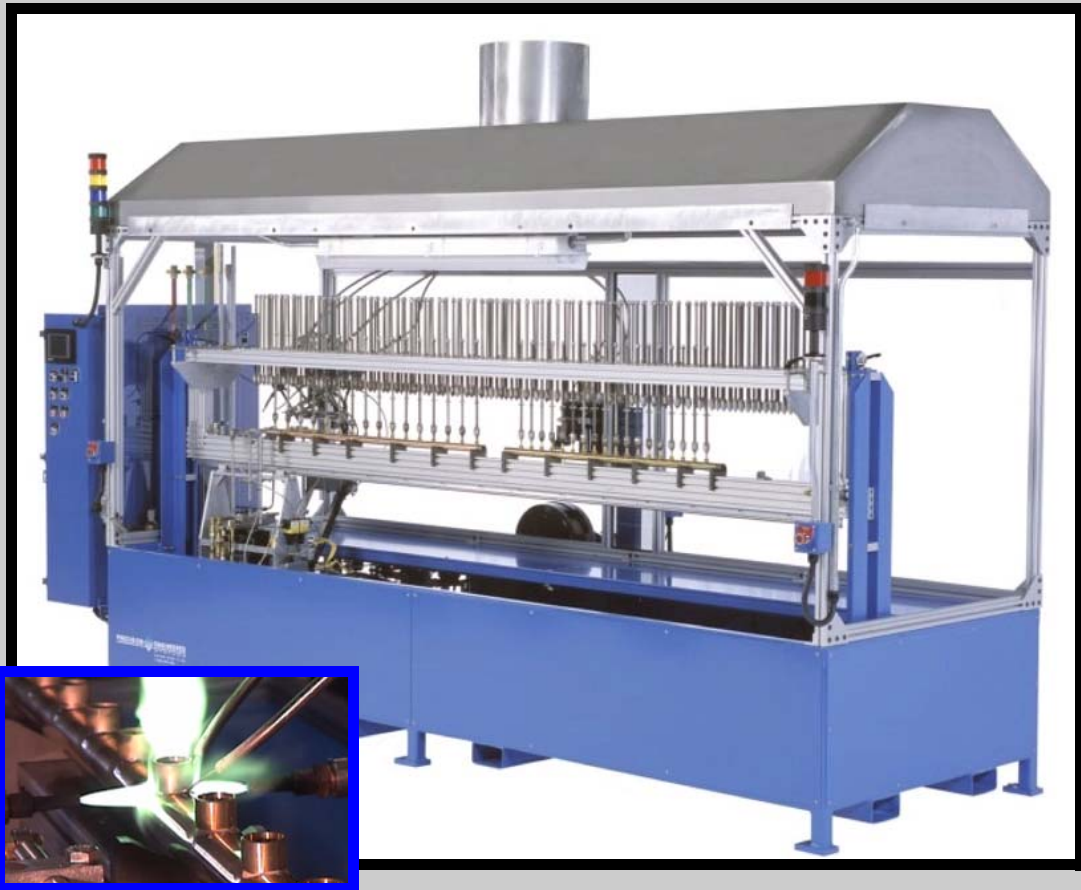


LB™
Linear Brazer



Benefits

- Automatically braze Manifolds and Headers
- Repeatable, dedicated process delivers exceptional first-time throughput
- Produce consistent, high quality joints with improved cosmetics and joint strength
- Automatic sensing of joints eliminates operator interaction
- Eliminate inconsistent, manual brazing and reduce labor up to 75%
- Reduce field failures and brazing alloy costs

MACHINE SPECIFICATIONS

MECHANICAL

- ◆ Rigid welded frame with enclosure panels and floor leveling pads and casters
- ◆ Centrally located utilities facilitates lockout/tagout procedures
- ◆ Machine coated with corrosion-resistant Safety Blue paint
- ◆ Sliding/removable Lexan® Door Enclosure System including overhead Fluorescent Inspection Light and Halogen Setup Lamp
- ◆ 16 gauge stainless steel exhaust hood

ELECTRICAL

- ◆ Industrial PC Controller with Color Touch-Screen Interface
- ◆ Servo-controlled Linear Guidance System
- ◆ 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 & 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
- ◆ Gas and Oxygen line regulators
- ◆ Smooth Oscillation for consistent heating of parts
- ◆ All stainless steel fittings, and tubing



PROCESS

- ◆ Repeatable machine-controlled production process
 - ◆ Automatically locate the joint
 - ◆ Automatically heat the joint to the desired temperature
 - ◆ Automatically apply the correct amount of braze alloy
- ◆ Long life stainless steel tooling designed for thermal resistance and error-proof loading of parts
- ◆ Automatic Filler Alloy Wirefeed System with protective spool covers
- ◆ Nitrogen part purge system
- ◆ Infrared Optical Pyrometer System

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

- ◆ Alloy consumption indicator
- ◆ Alloy low level warning indicator
- ◆ External Oxidation-Reduction Gasflux® Injection System
- ◆ Exhaust flow sensor
- ◆ Exhaust or machine enclosure temperature sensor

Talk to us about:

- ◆ **Brazing Coils and Distributors**
- ◆ **Your Automation Needs**
- ◆ **Retooling Current Equipment**
- ◆ **Upgrades and Refurbishments**

Contact our area representative at:

March 2004