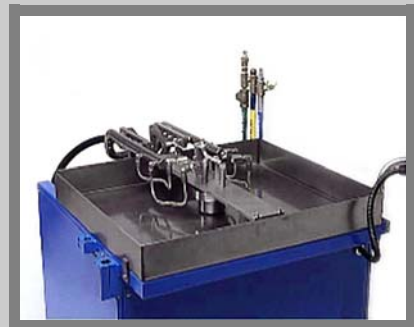


CB™ Cell Brazer

DCB™ Dual Cell Brazer



Benefits

- Repeatability machine-controlled processes
- Dedicated processes deliver better than 99.8% FTTC
- Production rates up to 180 parts per hour
- Digital Operator Interface for quick changeover, diagnostic messages and preventative maintenance scheduling

MACHINE SPECIFICATIONS

MECHANICAL

- ◆ Rigid welded frame with enclosure panels and floor leveling pads
- ◆ Overall footprint of 3' X 3' for CB, 5' X 8' for DCB
- ◆ Heavy-duty 28" X 32" stainless steel water troughs
- ◆ Selectable Oscillation and Rotational Systems
- ◆ 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
- ◆ 110 VAC power—All logic controls 24 Volt DC
- ◆ Light tower for monitoring machine status on DCB
- ◆ Self-teach Programming System

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
- ◆ Nickel-plated torch manifolds
- ◆ All stainless steel torches, fittings, and tubing



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
- ◆ All stainless steel manifolds, fittings, and tubing



PROCESS

- ◆ Repeatable machine-controlled production process
- ◆ Post braze adjustable air and water cooling
- ◆ 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

- ◆ Quick-change Manifolds and Tooling
- ◆ Automatic and Semi-Automatic Dispensable Flux Applicator Systems
- ◆ Automatic Filler Alloy Wirefeed Systems with protective pool covers
- ◆ External Oxidation-Reduction Gas Flux Injection System
- ◆ Nitrogen part purge system
- ◆ Infrared High Temperature Optical Pyrometer System
- ◆ Optical Pyrometer safety system to determine final part temperature before operator unload
- ◆ 16 gauge Stainless Steel Exhaust Hood System including overhead Fluorescent Inspection Light
- ◆ Exhaust flow sensor
- ◆ Exhaust temperature sensor
- ◆ Corrosion-resistant Waste-water Reservoir and Sump Pump System
- ◆ Temperature controlled recirculating quench water system
- ◆ Heavy-duty stainless steel material holding trays



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