



Turntable Heating Systems

- 8-position semi-automatic indexing table
- Indexer and power supply are sized for each application
- Utilizes quick, clean induction heat
- Full manual control for automatic override & process development
- Perfect for high speed automated processes

Our semi-automatic induction indexing systems are ideal for small part brazing, atmospheric hardening and general heat treating processes. Choose a pre-designed, off-the-shelf system or let our engineering staff customize a design to meet your specific tooling requirements.

Our cost-effective Standard Brazing System (pictured above) includes our 2 kW induction heating power supply and an 8-position indexing table. Front panel start/stop push buttons place the system in a PLC-controlled auto run

mode, perfect for high-speed automated processes which quickly move parts in and out of the coil with conveyors or bowl-type feeders.

Full manual control is available from the front panel for automatic override and process development. To maximize safety, an integral air quench cools the parts before they are returned to the operator. The low voltage induction coil is isolated from earth ground.

Our 2 kW brazing system is completely self-contained with a built-in, water-to-air heat exchanger and convenient 220 VAC electrical hookup. Available options include dual heating stations which will sequentially heat two different sections of the same part.

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OPERATOR SAFETY FEATURES

- Light Curtain / Palm Buttons (where applicable)
- E Stop
- Systems Guarding
- Fully Isolated Heating System
- Custom designed to support part feed rates and temperature
- Ceramic or stainless steel, depending on application
- 4, 8 or 12-position camco index
- Powder-coated and/or black anodized surfaces for long life

OPTIONS AND ACCESSORIES

- Pick and place for part load and unload
- Vibratory feed bowls
- Quenching water or air
- Optical pyrometer
- Digital data recorder
- Multiple zone heating
- Wonderware control

CONTROLS

- PLC-controlled with push-button or touch-screen operator interface
- Honeywell 300 series temperature controller

ELECTRICAL REQUIREMENTS

- 480 VAC, three-phase, 15 Amps (typical)

WATER PRESSURE

- 3 GPM @ 40 psi (typical)

AIR PRESSURE

- 80 psi (typical)

DIMENSIONS

- 3' W x 2.5' D x 3' H

WEIGHT

- 700 lbs.



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