

DIE CASTING



Equipment for Die Casting



COMPLETE LINE OF TEMPERATURE CONTROL EQUIPMENT FOR DIE CASTING AND METAL FORMING INDUSTRIES

Sterling offers many key benefits such as improved quality, improved production and improved control with their line of die casting equipment. Sterling Temperature Control Systems are designed to maintain consistent temperatures for critical processes.

Typical Applications

- Die casting
- Forging
- Sintering
- Semi-solid molding
- Welder cooling
- Heat treating cooling
- Machining & grinding cooling
- Die cooling/heating
- Preheat stations
- Hydraulic cooling
- Quench tank cooling

Major Benefits

- Die casting
- Uniform temperature control up to 550°F
- Faster start-up with minimal thermal shock
- Decreased heat checking for improved die life
- Increased cost efficiency and cycle times
- Alleviate fill, porosity and surface finish problems



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Oil Temperature Control Units

Sterling offers a full line of oil temperature control systems to meet your demanding application needs. Each Sterling TCU combines precise, automatic temperature control with easy operation for unmatched reliability and performance.

- Single or dual zone configurations
- 2016-U is designed for temperature up to 550°F
- Heaters from 12-48 kW
- Flow from 18-50 GPM at 30-50 PSI
- NEMA 12 electrical



Water Temperature Control Units

Sterling offers a full line of water temperature control systems to meet your demanding application needs. Each Sterling TCU combines precise, automatic temperature control with easy operation for unmatched reliability and performance.

- Royal Series designed for temperatures up to 300°F
- Heaters from 9-48 kW, flow from 30-90 GPM
- Innovative 2-fastener, quick release panels for ultra-easy internal access



Portable Chillers

All Sterling Portable Chillers feature a unique design that simplifies service and maintenance while conserving valuable production floor space.

- Compact footprints
- Temperature ranges from -30°F to 75°F
- Easy to operate controller
- Complete self-contained package



Cooling Towers

Sterling NC Series, M Series and SF Series cooling towers utilize today's latest technology to provide energy-efficient, reliable cooling. Each feature corrosion protection and high-quality construction for dependable service and long life.

- Cooling towers available in fiberglass or metal
- Sizes to fit any application



Pump Tanks

Outdoor Offers maximum efficiency, 1 year warranty on parts and labor, and as always, Sterling's unsurpassed customer service.

- Stainless steel tank construction
- Close-coupled centrifugal pumps, mounted on a solid diamond plate pump ledge
- Chilled water tank insulation and cover standard
- Basket strainers standard on cooling tower tanks
- Available with motor control panel



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2900 S 160th Street
New Berlin, Wisconsin 53151 USA
Ph: 262.641.8610 Fax: 262.641.8653



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