



CHILLING PERFORMANCE
24 Hrs. x 365 Days

**Developing on the promise
of cost efficient, CFC free,
Industrial and Commercial Chiller Units**

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AIR COOLED SCROLL CHILLER

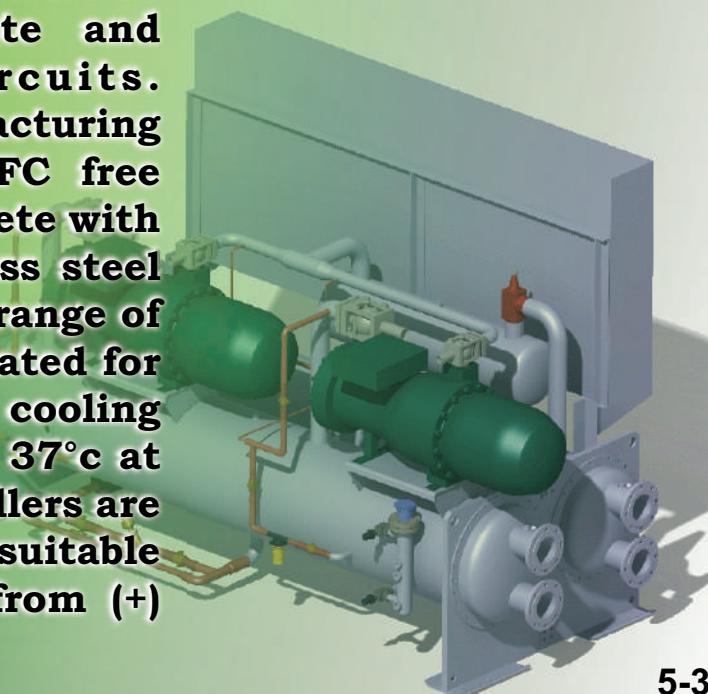
The Air-cooled Scroll Chillers are highly energy efficient and are perfectly designed to work within extreme tropical weather conditions. Supported with European origin compressors, these chillers are designed, manufactured and tested in conformation with international industrial standards. The chillers are operation friendly, easy to install and backed by competent engineering team to realize the advantage while being in operation.





WATER COOLED SCREW CHILLER

We are engaged in offering a wide range of Water Cooled Screw Chiller - Single Compressor, which is manufactured using quality screw compressors from bitzer (Germany) and frascold (Italy). These are offered with multiple screw compressors in one machine but have separate and individual refrigeration circuits. Fabricated in ISO certified manufacturing unit with an option of using CFC free refrigerants r-407c & r-134a complete with in-built process pump and stainless steel chilled water expansion tank. Our range of water cooled screw chiller is also rated for an ambient of up to (+) 50°C and cooling tower water temperature up to (+) 37°C at the inlet of the condenser. The chillers are fully microprocessor based and are suitable for process cooling applications from (+) 20°C up to (-) 40°C.





AIR COOLED SCREW CHILLER

We are engaged in manufacturing Air Cooled Screw Chiller - Single Compressor, which is fully microprocessor based suitable for process cooling applications from (+) 20°C up to 40°C and for low lower temperatures of up to (-) 50°C please refer brine chillers. These are fabricated in \with an option of using cfc free refrigerants r-407c & r-134a complete with in-built process pump and stainless steel chilled water expansion tank and are also rated for an ambient of up to (+) 50°C. The air cooled screw chillers are manufactured with highly reputed screw compressors from bitzer (Germany) and frascold (Italy).



AMMONIA/ DAIRY MILK CHILLERS

The DRYCOOL series have been realized to offer to the users all the advantages of a long lasting investment as well as the use of an environmental friendly fluid. The use of ammonia, will maximize the performance of the machines with an overall benefit on the running costs the users have to bear. Ammonia represents one of the possible ways to reduce the environmental impact of the cooling sector (GWP = 0 and ODP = 0).

The engineering of the DRYCOOL ammonia chillers has been particularly detailed, to offer to the customers the widest possibility of choice. All the range is available in several set-up according to the single specifications of the project or customers' needs.



OIL CHILLERS

Our organization is manufacturing Oil Chillers, which is offered in various capacities such as from 6,000 K.Cal/hr. up to 60,000 K.Cal/hr. Our range can be used to cool the oil directly using refrigerant, up to a oil temperature of (+) 45°C without over heating the compressor. Specially designed with imported refrigerant to oil exchanger with sealed and scroll compressors depending on the size of the equipment, these are catering to the requirements of the industrial units, pharma and chemicals and pipe industry.



ACID CHILLERS

A typical acidic application that requires a chiller System is acid copper plating. The Chiller maintains the process at a specific temperature so that the acid process can complete safely and without complications. The Chiller for acid copper plating adopts the evaporator with strong acid resistance and without any brazed/welded points. Typically a closed loop system incorporating a plate & frame heat exchanger is utilized. The Chiller is used to control the aqueous temperature between 25°-28°, and the temperature difference of in/out refrigerating liquid within a couple degrees.



ANODIZING CHILLERS

DRYCOOL has the ability to provide Liquid Chillers to accommodate any application related to Anodizing. Type I Chromic Acid Anodizing, Type II Commercial Anodizing, Type III Hard Coat Anodizing, Titanium Anodizing, Impregnation, and Chromate Anodizing. DRYCOOL Anodizing Chillers can control the plating temperature, increase the density and smoothness of the plated parts.



BAKERY / DOUGH CHILLERS

DRYCOOL Products has been providing Chiller Systems for bakery applications for over 20 years. Modular Chillers, Packaged Chillers, Batch Cooling, Jacket Cooling, Closed Loop Chillers, Dough Chillers, Portable Chillers, and Split Chillers are among the types of Chillers DRYCOOL has provided for many bakeries industries.



BEVERAGE CHILLERS

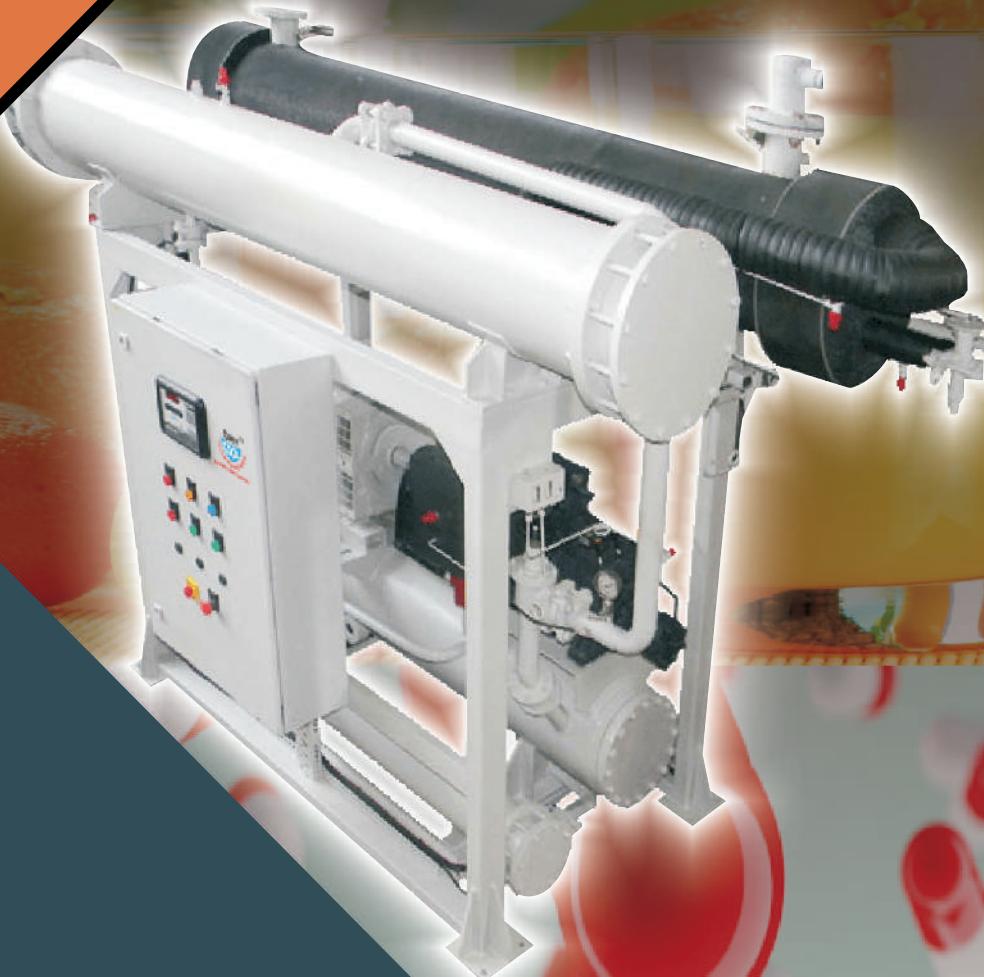
Ice usage has long been a tremendous expense for many vending and entertainment companies that sell bottled drinks. DRYCOOL Beverage Chillers are the only solution. They are available in several different designs to provide customer installation flexibility.

DRYCOOL has used years of industrial refrigeration experience and created a design that allows beverage companies to process chilled 2°C water through a drink container to maximize drink chilling rate by increasing surface area contact area between chilled water and bottles.



BLOW MOLDING CHILLERS

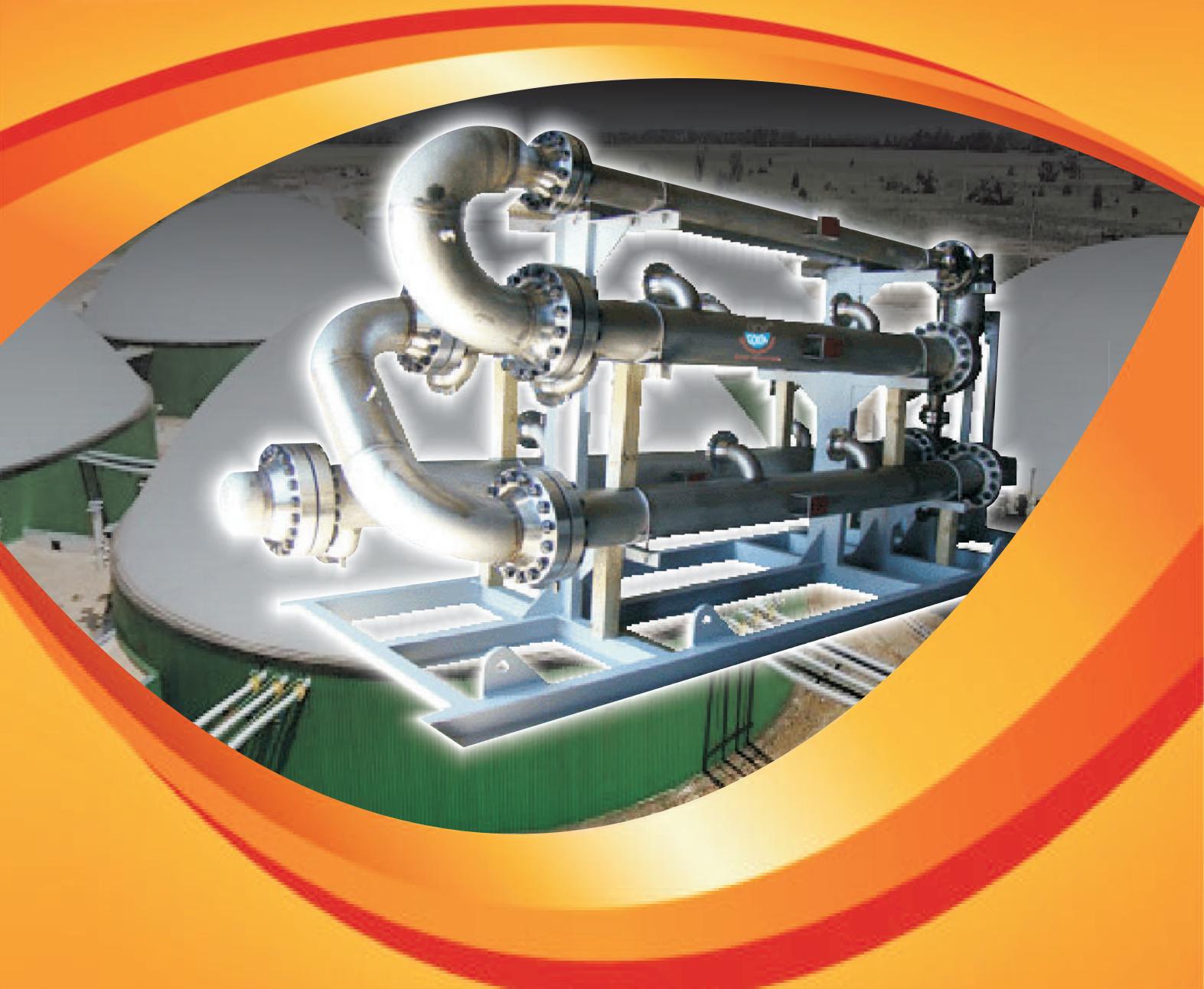
Before the parison cools down, a hollow ramrod is injected into its center and pushed to the top of the mold, stretching out the warm plastic preform as it goes. Compressed air is then forced out in controlled low-pressure stages through the hollow ramrod. The plastic form is forced out to the sides of the mold. DRYCOOL Blow Molding Chillers can control the mold temperature of various plastic processing.



BRINE CHILLERS

DRYCOOL offers Modular Brine Chillers, Packaged Brine Chillers, Split Brine Chiller Systems, Brine Closed Loop Systems, and Custom Brine Equipment.

Heat transfer through a Brine Chiller System provides substantially faster, more uniform product temperature reduction than conventional air chillers. Meat processes benefit from brine liquid chilling as compared to air cooling chillers. Food processing can now achieve precise control of their cooling process by using a DRYCOOL Brine Chiller System.



BIO GAS CHILLERS

The process of conditioning and purifying biogas has become more and more existent. with an increased initiative to reduce global dependence on energy from fossil fuels, the quantity of waste energy biogas conversion facilities has been increasing worldwide. Municipal services, industrial production plants, and agricultural processing plants now have a method of using all of the biomass waste from their perpetually operating processes. DRYCOOL has been supplying glycol systems to these biogas production facilities for many years, and has a lot of experience with design, engineering, and fabrication of these types of cooling systems.



BLOOD BANK CHILLERS

DRYCOOL can provide blood banks with the refrigeration cooling it needs to keep human's lifeline cooled at a proper temperature for preservation. Modular Chillers in a closed loop configuration are normally utilized in blood bank projects because of the heightened critical load. Redundancy is a must in medical applications. Feel free to contact a blood chiller engineer to help assist you in sizing your next Chiller System.



MEDICAL/PHARMACEUTICAL CHILLERS

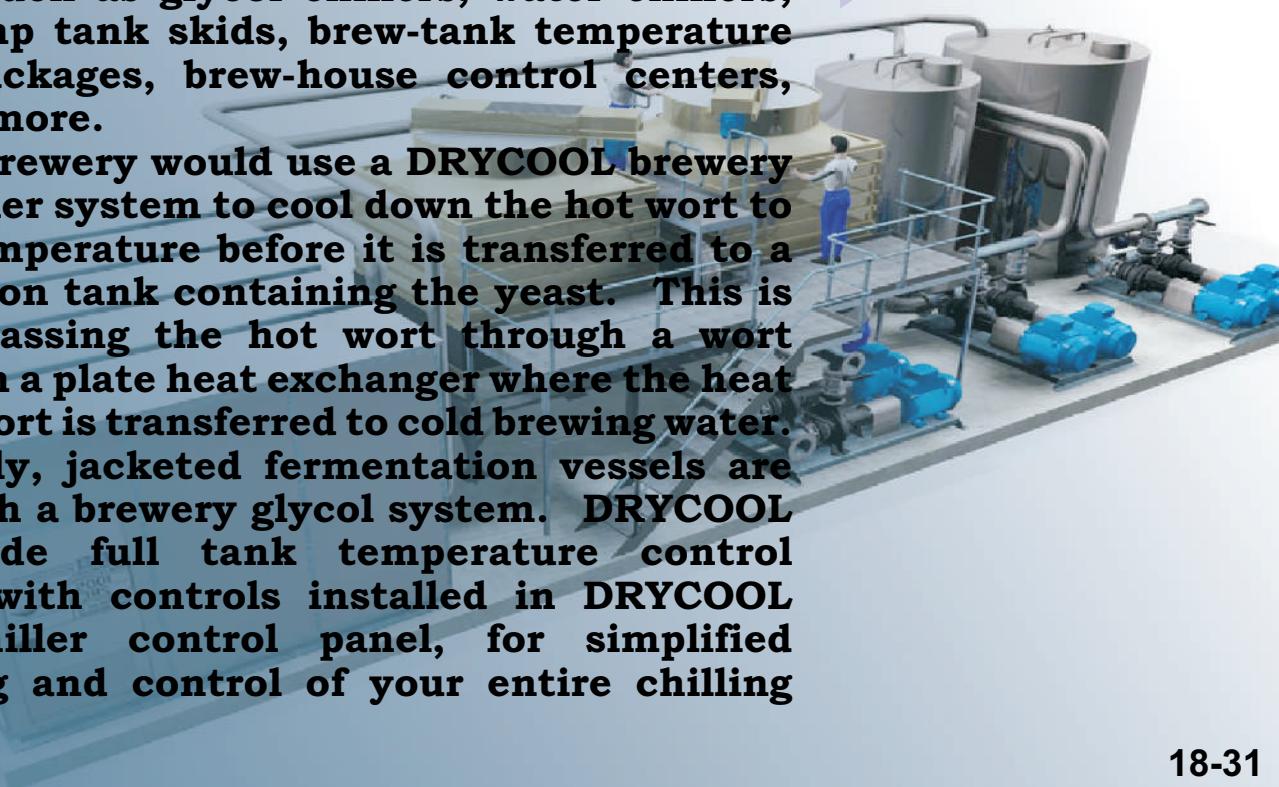
DRYCOOL offers several options for Pharmaceutical Chillers. Depending on the inlet temperature requirement into the pharmaceutical process, an air cooled chiller or an FRP cooling tower can complete the requirement. From simple headache pills to sophisticated antibiotics and complex cardiac compounds, almost every type of medicine is now made with an application that requires chilled water. Modular chiller and packaged chillers available as well as closed loop and split systems . If portability is needed, **DRYCOOL** offers portable air and water cooled units. Contact an experienced pharmaceutical chiller engineer today.



BREWERY CHILLERS

DRYCOOL is a manufacturer of industrial brewery chiller systems. The brewery industry relies heavily on **DRYCOOL** for quality manufactured products such as glycol chillers, water chillers, glycol pump tank skids, brew-tank temperature control packages, brew-house control centers, and much more.

A typical brewery would use a **DRYCOOL** brewery glycol chiller system to cool down the hot wort to a lower temperature before it is transferred to a fermentation tank containing the yeast. This is done by passing the hot wort through a wort chiller with a plate heat exchanger where the heat from the wort is transferred to cold brewing water. Additionally, jacketed fermentation vessels are chilled with a brewery glycol system. **DRYCOOL** can provide full tank temperature control packages with controls installed in **DRYCOOL** Glycol Chiller control panel, for simplified monitoring and control of your entire chilling process.





RMC (C E M E N T) CHILLERS

Typically concrete is mixed into a batch that requires a particular amount of chilled water mixed in to cool the solution down after production. Batch Cooling is the majority of the applications related to concrete and cement cooling. DRYCOOL Chillers can be used to provide Chilled Water for concrete.



CHEMICAL CHILLERS

DRYCOOL has been producing chemical chillers since 20 years, and has revolutionized the market with exceptional products based on quality and efficiency. DRYCOOL offers packaged chemical chillers, modular chemical chillers, closed loop chemical chillers, split chemical chillers, and portable chemical chillers. DRYCOOL also offers closed loop cooling tower systems for higher temperature applications.



EXTRUSION CHILLER

Plastic extrusion processes require chilled water to function correctly. Extruding companies have been turning to DRYCOOL for over 20 years for dependable, high efficient, Indian made chiller systems to cool their processes. DRYCOOL has the ability to produce modular chillers, packaged chillers, portable chillers, split chiller systems, glycol chillers, and once through cooling systems.



HVAC CHILLERS

Heating, ventilation and air conditioning (HVAC) chillers are refrigeration systems that provide cooling for industrial and commercial applications. They use water, oils or other fluids as refrigerants. HVAC chillers include a compressor, condenser, thermal expansion valve, evaporator, reservoir, and stabilization assembly. Compressing the refrigerant creates a high pressure, super heated gas that the condenser air-cools to a warm liquid. The thermal expansion valve (TXV) releases refrigerant into the evaporator, converting the warm liquid to a cool, dry gas. Often, a hot gas bypass is used to stabilize the cooling output by allowing the hot gas to warm up the evaporator. This causes a reduction in cooling efficiency, but stabilizes the chilled water temperatures. When water is pumped from the reservoir to the compressor, the chilling cycle begins again.



INJECTION MOLDING CHILLERS

DRYCOOL is one of the elite cooling equipment suppliers for injection molding companies around the world. Through much blood, sweat, and tears, When your injection mold chillers break down, DRYCOOL is ready to step in and ship you a replacement FAST. Packaged, modular, split, closed loop, and glycol chillers are stocked here at DRYCOOL's manufacturing facilities in Noida, India. DRYCOOL's FRP cooling towers are stocked as well in sizes ranging from 10ton to 1000tons.



DIE CASTING CHILLERS

Hot chamber die casting is used for alloys with low melting temperatures. These alloys can include zinc, tin, and lead. The alloys are melted down to a molten liquid and placed into a shot chamber. The molten metal is then pressurized into a hot chamber die casting mold via a gooseneck. The pressure can be between 1000-5000 psi. Once the molten liquid has filled the die cavity, the die is closed. From here the molten liquid (now a solid) is ejected and a product is created. The process then repeats.

Cold die chamber casting is used for metal alloys that cannot be heated in a hot chamber die casting. This is because the pumping chamber can become damaged by the high temperatures. The pump and shot sleeve are outside the heating mechanism. The process starts with the liquefied metal in a separate area. The metal is then poured into an injection cylinder, where a mechanical piston is triggered and forces the alloy mixture into the mold. Once the mold is filled, the alloy frame is removed and the process starts again. This process takes longer than hot chamber die casting because the alloy has to be heated separately and then applied to the cold die chamber.



RO WATER CHILLERS

DRYCOOL has been an organization of complete integrity and honesty. We have always provided the most reliable solutions for water chilling equipment and their relative services to the customers. Our aim is to revolutionize the quality standards of products and customer services. For which, we have been responsibly standing out for every urgent requirement of market by working as a manufacturer and service provider. We have always proved ourselves as the most trust-worthy company for products such as Air Cooled RO Plant Chiller, Automatic Water Chiller, Online RO Water Chiller



LAMINATING CHILLERS

Lamination machines produce an incredible amount of heat to seal the plastic material around print documents and other productions. In an industrial laminating environment, this heat needs to be dissipated somewhere. The laminating machine will not function properly without chilled water circulating through it to keep it at a desired temperature. DRYCOOL chillers can provide this chilled water with a high quality product at a reasonable price. Several different installation configurations are available to meet our customers' many requirements. Glycol chillers, closed loop chillers, modular chillers, packaged chillers, split chillers, once through chillers, and custom chillers are available.



SWIMMING POOL CHILLERS

DRYCOOL offers a complete line of swimming pool chillers solutions to allow you to chill your pool to a comfortable temperature at the touch of a button. Simplistic digital controls accompanied by India made components and India assemblies, **DRYCOOL** swimming pool cooling products are second to none. Some people would like to drop their pool temperature by just 10 degrees or so. Others want an extremely cool pool to dive into. Whatever the case, **DRYCOOL** can take your hot situation and turn it into a cold solution. Contact an experienced swimming pool cooling engineer today.

PLASMA CHILLERS

A plasma cutter can be hand held or be used by an industrial robotic arm. It should be cooled with a chiller. The heat created during the use of the cutting process can be collected, recycled, and transferred to be reused. The water temperature can be adjusted and remains stable for the duration of the procedure. The stability that a chiller or cooling tower provides is important to the process to control internal temperatures of the machine. The plasma cutting process is quick and a cutter must remain at the proper temperature at all times to insure the same results.



PRINTING CHILLERS

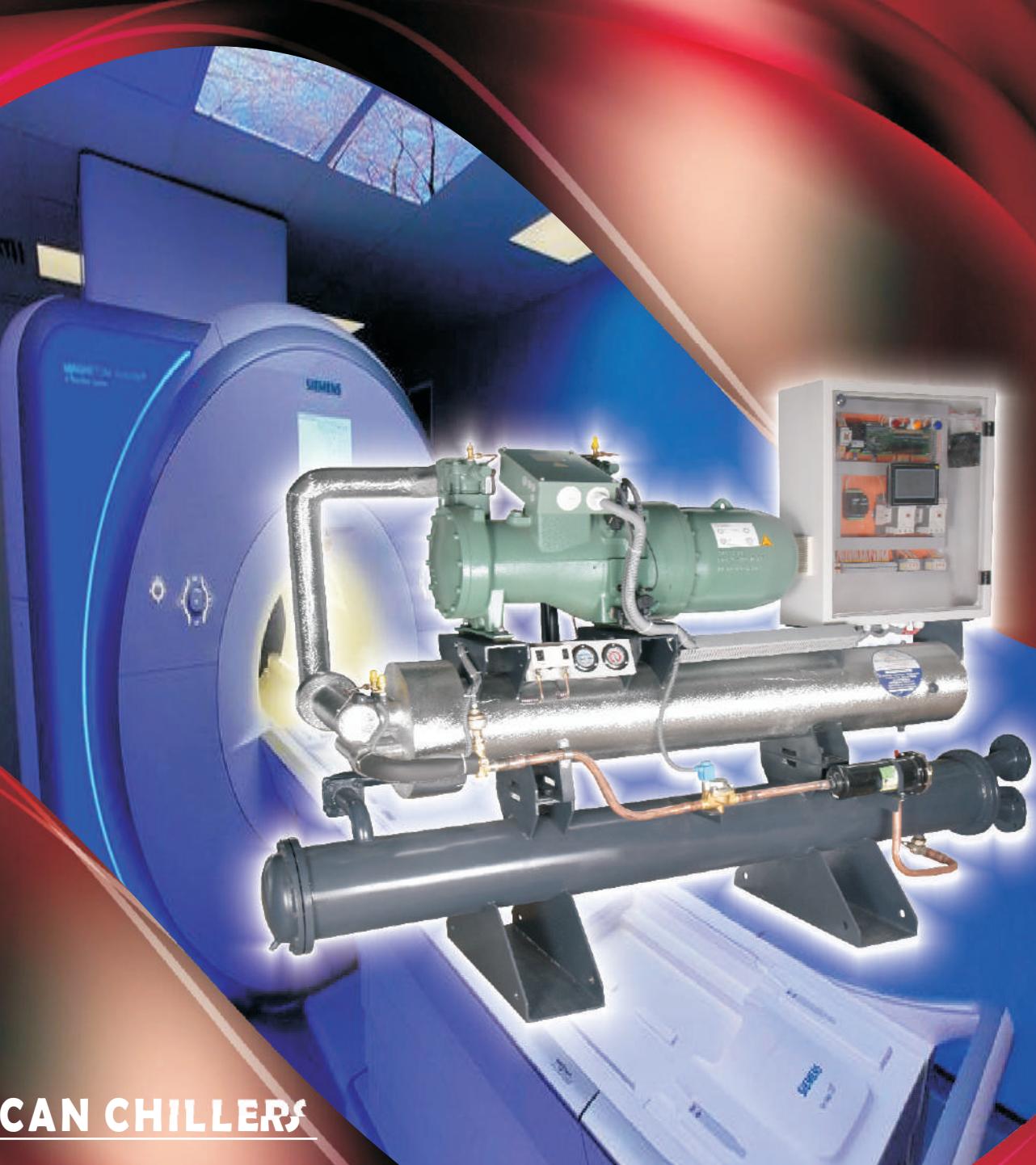
The printing industry compromises a vast variety of products from newspapers, labels, postcards, memo pads, and packaging goods. This is only the tip of the mountain when it comes to paper products. Other industries associated with printing are engravers, embosser, binder and finishers. Commercial printing makes up the largest sector of the printing industry.



THERM OFORMING CHILLERS

DRYCOOL provides molding companies with chilled water solutions to cool their thermoforming machine molds. Modular chillers, packaged chillers, closed loop chillers, glycol chiller systems, split chiller systems, once through cooling, and FRP cooling tower systems are some of the solutions **DRYCOOL** has for this application. The thermoforming industry is fast paced and vast. **DRYCOOL** has been serving this industry since 2000. Contact an experienced cooling engineer today.





CAT SCAN CHILLERS

Cat Scan equipment innovations have provided doctors and nurses with effective ways of treating injuries, and diagnosing patients with conditions like never before. This technology includes the need for chilled process water. That is where DRYCOOL enters into the picture. DRYCOOL can provide medical professionals with many types of chiller systems for their CT machines. Small Portable chillers are normally the solution, however, split chillers, modular chillers, packaged chillers, closed loop chillers, glycol chillers, and once through cooling is all available.