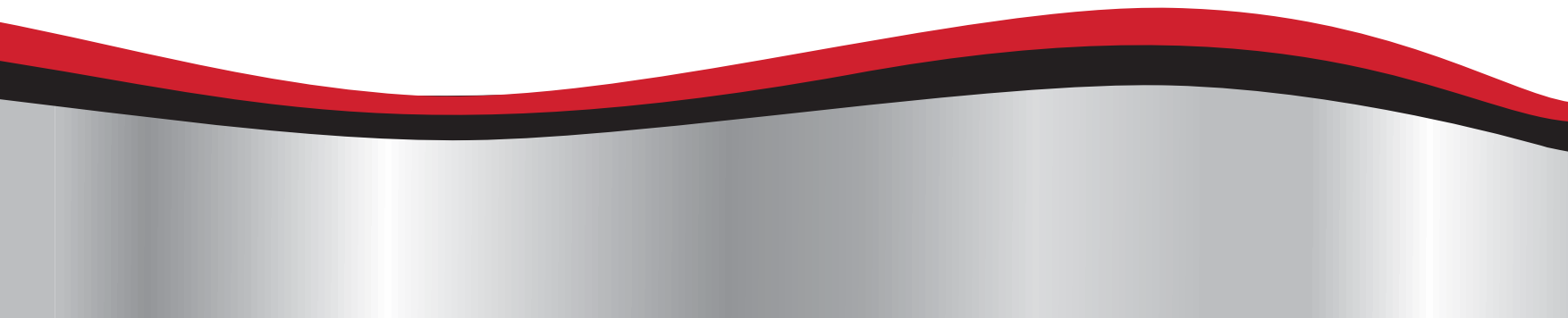




Modern
Equipment Company

thinkmodern



think systems. Design. Engineering. Manufacturing. Fabrication. Assembly. Test.

our
heritage



think modern. A system-wide approach to your business.

today
and our
future





Aluminum Melting Furnaces

Jet Melter® brand melting furnaces are at the heart of the integrated foundry systems that we design and build. In fact, Modern is the company that introduced this highly efficient stack melt technology to the North American marketplace. No one else can offer the level of experience that Modern's foundry experts can. We've installed more stack (tower) melting furnaces in North America than all other manufacturers combined.

Compared to reverb, crucible, barrel and rotary furnaces, a Jet Melter furnace reduces melt loss by 80% and lowers energy consumption by 50% or more, all while delivering a superior quality of metal. It uses less than one-third the energy of an electric melting system, with comparably good results.



Ladles and Molten Metal Handling Equipment

Modern Equipment Company was founded in 1919 as Modern Pouring Device Company, so ladles are near and dear to our hearts. Today, Modern offers one of the industry's widest and most advanced lines of molten metal handling equipment, ranging from standard small hand dipping ladles for non-ferrous applications to custom 25-ton ladles for major iron and steel producers.

What's more, Modern's foundry system specialists can design a custom ladle for you, whether to suit a particular application or to replace a specialty design that's no longer available. We manufacture an extensive line of specialty pouring equipment that includes manual and hydraulic lifts, hydraulic tilt stands and transfer cars.



Inert Gas Generators

Modern is well known throughout the worldwide metals industry as a leading manufacturer of top-quality exothermic atmosphere generators. That includes equipment designed for generating rich and lean exothermic gas, as well as components for cooling, drying and purifying. Modern's robust line of inert gas generators can also be found in a variety of other industries, including chemical, petrochemical, agricultural and food processing. Our specialists can build a complete inert gas generating system engineered to meet nearly any operating parameters.



Contract Manufacturing Systems

Modern's systems experts have the skills, experience and tools needed to get the job done on your most complicated and all-inclusive systems. ASME certified welding, contract machining, custom fabrication, engineering and design services, platform and skid mounted systems, all within our scope.

We concentrate on "Systems, Not Parts" and work with some of the world's best designers of process equipment. We are their factory of choice for systems fabrication, assembly and test.

Whether process equipment for air, water, waste, food, oil & gas or chemicals, you design it, we'll build it for you.



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