



## PRODUCT BULLETIN

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### High Speed Efficient Aluminum Melting

High energy and rising raw material prices are affecting production costs like never before. North American producers are finding it harder and harder to compete in the global market place. Carpenter Brothers Inc. and Striko Dynarad can help ease the pain.

StrikoMelters offer high efficiency melting by utilizing energy you have already produced. Typical gas fired reverb furnaces and/or gas fired crucible furnaces allow much of their energy to escape. StrikoMelters make that energy work for you. StrikoMelters unique design captures the heat and utilizes it to preheat the metal prior to reaching the melt zone. This reduces the BTUs needed to melt and hold by up to 75%. Also, the design itself drastically reduces melt loss. True melt loss savings can be astronomical. StrikoMelters guarantee max. 1.5% melt loss. Recent studies have shown less then 1-year payback on investment.

Striko Dynarad also offers a unique dosing furnace called the Westomat. The Westomat is an automatic holding and pouring furnace. It can be programmed to dispense very accurate pour volumes into die cast shot sleeves or sand molds. Pour weight can change on the fly. It has the capability to move in an x-y-z window and travel to hit moving targets such as an automatic mold line.

Please contact Carpenter Brothers, Inc. for more information or pricing.