



NEWS RELEASE

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Thermatool: New Precision Slot Quench System

Thermatool Corp. is pleased to announce the successful commissioning of a new Precision Slot Quench System along with multiple induction pre-heaters for Austenitizing and Tempering operations. These high performance modular slot quench and induction heating systems operate on an induction/gas Quench and Temper Line at Timken Steel.

The quench system is designed such that it can process two size bands for pipe and bar from 4” up to 9”. The Quench Module is rafted and motorized thereby enabling the producer to change quench ring diameters automatically. Complete with variable flow pumps and a symmetrical high impingement quench spray, the precision quench equipment offers the customer opportunities for enhanced metallurgy and straightness.

Thermatool produces a wide range of quench systems and will size each application based on validated modeling techniques. Timken’s induction preheating sections utilize Thermatools rugged VIP power supplies along with multiple full body coils and automated centering stands for quick and efficient changeovers. The power supplies are configured through a software modeling package that helps improve heating efficiency through varied power output. Thermatools enhanced heating and quenching systems are helping to advance the heat treat industry toward improved material composition and a more lean process.

For additional information on how Thermatools precision quench and induction heating systems can assist you in producing superior cost effective products, please contact Thermatool Corp.

Thermatool Corporation is one of forty companies making up the Inductotherm Group. As a multi-technology, global organization, Inductotherm Group serves the thermal processing industry by manufacturing and marketing a diverse range of products and services, all of which feature the characteristics of high quality, leading edge technology and top-flight engineering.