

## CASTEXPO'10 EXPLORES WORLD METALCASTING TECHNOLOGIES PYROTEK—IMPROVING FOUNDRY PERFORMANCE



*RFM ladles—offering real casting process advantages and cost savings*

Sponsored by the American Foundry Society (AFS) and the North American Die Casting Association (NADCA), CastExpo represents the single largest tradeshow and exposition in North America for metal casters. CastExpo'10, staged this year, March 20–23 in Orlando, Florida, continued to be that, but also launched some extra features. More than 450 exhibiting companies from across the globe displaying the latest advances in equipment, technology and services for metalcasting.

Attendance of 4500 was lively, businesslike and encouraging. This year CastExpo also launched a “Cast in North America” Exhibition where foundries and diecasters could exhibit their casting capabilities for parts buyers and designers. In parallel with these exhibitions, CastExpo'10 unveiled a show-floor Metalcasting Technology Theater to highlight practical, shop-floor presentations for casting buyers and metalcasters.

As a leading and long established exhibitor, Pyrotek was again proud to bring the latest metal processing solutions to CastExpo'10. The company's “Solutions Team” of sales engineers and product specialists were on hand to help visiting foundrymen understand how Pyrotek can improve their profitability with cost-saving solutions, all to improve operating performance and efficiencies, enhance quality, save energy and promote a safer environment.

Highlights of products displayed at the booth were the latest RFM® ladles and the new Overflow Transfer System (OTS), introduced by Pyrotek's Metallurgy Division. This system essentially changes the way metal is transferred—delivering improved metal quality with a significant reduction in dross formation, equating to reduced losses and consequent cost savings. The OTS was spotlighted in actual operation with a working water model demonstration. This system avoids the basic maintenance and costs associated with traditional transfer pumps, as well as improved melt quality compared with tap hole and alternative transfer pump metal tapping.

In parallel with CastExpo'10, NADCA staged its 114th Metalcasting Congress, where Jeff King, Pyrotek Foundry Sales Engineer, Columbia City, Indiana, presented a paper titled “RFM Thin Wall Ladle Contributes to Enhanced Metal Casting Productivity.” This technical session expanded on details of Pyrotek's modified line of ladles, in both standard and thin-walled design, as displayed at the show booth. Jeff reports that he received many encouraging comments from delegates and booth visitors indicating the interest in the real savings offered by RFM ladles—both tangible (cost vs. product life) and intangible (less downtime due to ladle skull buildup and consequent machine misruns).

Show coordinator, Mike Kamin, Pyrotek Technical Sales & Metallurgical Engineer, reports that he was pleasantly surprised to see attendance up from initial expectations, attracting higher numbers of senior personnel—business managers and owners among the visitors. “The level of general inquiry was down, but there was enthusiasm displayed for more detailed, specific information, such as pricing and trials. I was also happy to hear from every customer I talked to that they were seeing improved business outlooks and increased orders. Some even spoke of new business and plans for capital spending.” Mike says.

Pyrotek's Foundry Regional Office in the USA is in Columbia City, Indiana.

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