

Retech's Innovations in Vacuum Induction Melting (VIM) Systems Enhance Siemens' Competitive Edge

SECO/WARWICK Group's subsidiary, Retech Systems LLC, supplied two Vacuum Induction Melting (VIM) Systems for Siemens Power and Gas division.

The above noted VIM Furnace Systems, along with more pitless DS/SC VIMs to be supplied later this year, will play a key role in the casting of components such as turbine blades and vanes for the power generation industry. One Vacuum Induction Melting Directional

Solidification/Single Crystal/Equiax Pitless (VIM DS/SC/EQ) Combo Casting Furnace and One Vacuum Induction Melting Directional Solidification /Single Crystal (DS/SC) Solidification Casting Furnace System were installed in the new Plant. However, to meet market demand, Siemens is planning for more furnaces (also pitless Vacuum Induction Melting Directional/Single Crystal Solidification Casting Furnace Systems)

to be installed soon.

"Siemens has been leveraging state-of-the-art technologies as indispensable assets for a competitive edge. Keeping customers satisfied means delivering solid reliable products. That is why they chose to continue cooperation with Retech, the market leader in the design and engineering of vacuum induction melting and casting equipment. Retech's Pitless DS/SC Furnaces greatly reduce or eliminate: costs, time, disruptions to facility production, and confined space entry to pits required with installation of the new Pitless VIM furnaces at the facility," said a Project Representative.

"We are committed to this multi-year partnership between Siemens and Retech and pleased to continue with it, while setting the bar higher by delivering faster and providing higher quality equipment to meet the demands of the Industrial Gas Turbine (IGT) market. The melting systems that Retech is delivering to Siemens, incorporate industry leading special design features such as: a reliable and maintenance friendly design ideal for faster and more flexible operation, superb process control for repeatability and high yields, as well as Retech's new pitless mold elevator that can be utilized on Directional Solidification/Single Crystal furnaces to offer our industry partners straightforward facility installation options. These furnaces are also unique in that they are large capacity cast weights capable of Single Crystal Castings," said Earl Good, Vice President, Business Segment Vacuum Melting & Managing Director at Retech.



Manufacturing Awards Inducts Geoff Bell into Hall of Fame

At the Victorian Manufacturing Hall of Fame Gala Dinner held on the 14th of May 2019, Geoff Bell, owner of AW Bell Pty Ltd was inducted into the Hall of Fame.

The Victorian State Government of Australia hosts the annual awards to celebrate excellence in the local manufacturing industry. Every year, in partnership with industry associations, the State Government identifies individuals who have made outstanding and sustained contributions to the manufacturing industry. This year the recipient was Geoff Bell from AW Bell Pty Ltd.

Following university, Geoff joined AW Bell in 1969 (then run by his father Alan Bell) as the patternmaking production planner. Geoff became Managing Director of AW Bell in 1983

and led the growth and development of the business to what it is today. A visionary, he established AW Bell Machinery in 1984, a division that now leads the industry in manufacturing and supplying aftercast equipment internationally. He was also behind the company's transition into defense, aerospace and biomedical markets.

He was celebrated into the Hall of Fame for not only his contribution within AW Bell Pty Ltd but also for his support of other manufacturing companies in Australia to become more recognized in a global market.

In 2014, Geoff handed over the reigns of AW Bell to his son Sam Bell. Today, Geoff enjoys retired life with wife Yvonne as well as seeing AW Bell and AW Bell Machinery flourish.

Vacuum Induction Melting (VIM)

Retech Vacuum Induction Melting (VIM) furnace systems are in use around the world for applications including but not limited to automotive, consumer, aerospace, and energy utilizing equiax, directionally solidified, or single-crystal investment castings.