



## FATA Aluminum LLC and Changzhou Fondarc Green Sand Foundry Machine Co. Ltd have Signed A Joint Venture Agreement

FATA Aluminum LLC and Changzhou Fondarc Green Sand Foundry machine Co. Ltd have signed on December 18, 2014 a joint venture agreement to provide Sand regeneration systems and the full range of FATA Aluminum foundry technologies to the Chinese market.

The company named Changzhou Fata Aluminum Foundry Equipment Co, ltd will be operational from March 1, 2015. Mr. Martin Wright CEO of FATA Aluminum LLC and Mr. Sheng Jianchun CEO of Changzhou Fondarc believe that this venture is ideally



positioned to provide “state of the art” technologies and systems for the local and international foundry market at extremely competitive prices. FATA Aluminum's strong reputation as a leader in the sand reclamation market combined with Changzhou Fondarc leading position in the Chinese market and their impressive engineering and manufacturing capabilities will create the solid basis for the positive development of the sand regeneration market and the overall competitiveness of the new joint venture company.

## Foseco Opens Dedicated Foundry Research and Development Facility



Vesuvius plc, announces that it has invested £4.5m in the establishment of a new, dedicated R&D Centre for its Foundry Business Unit, Foseco. The facility, which is located in Enschede, the Netherlands, covers an area of 4 500 m2 and is equipped with state of the art analytical equipment, chemical lab, and a test foundry. Pavel Holub, Global R&D Director Foundry commented, “this exciting new centre offers a world class innovation environment which will allow us to attract the best talents from all around the world helping us to drive the creation of innovative solutions, new products and services for the foundry industry.”

George Coulston, Chief Technology Officer for Vesuvius plc said, "This represents a significant step forward in the Vesuvius strategy of maintaining its technology and innovation leadership position across all business lines and further demonstrates our

commitment to providing our foundry customers with the leading edge innovations they require".

The facility will bring together Foseco's metal treatment, feeding, filtration, binders and coatings research and development activity under one roof. Crucible and refractory R&D will remain in a second facility in Pittsburgh, USA.

Glenn Cowie, Business President of Foseco stated, “Foseco has a proud history of innovation through the introduction and development of technologies such as metal filtration, feeding systems and automated metal treatment processes, which have gone on to become industry standards. With our unique combination of technology, application expertise and foundry process know-how, we are ideally positioned to work even closer with our customers to develop the iron, steel and non ferrous foundry technologies of tomorrow.”

## Increased Safety Measures in Cut-Off Technology

Vulcan Engineering incorporates the latest in advanced safety features while still offering reliable efficient equipment.



The Fox® Air Float Cut-Off machine is ideal for gate and riser removal on small to medium size castings, or castings on runner bars or trees. It is well suited for processing castings that are too heavy for operators to handle, as the air float feature makes moving large weights almost effortless. Compressed air is used to “lift” the gondola to allow the operator to “float” it around the table, and use the laser guide to align the casting into the proper cutting position. Once in position, a vacuum is used to securely hold it in place during cutting. The saw uses hydraulic down pressure for fast efficient removal of risers and gating.

The saw shown is designed to be installed in its own room; other models are available with full enclosures for installation around other workers. Fox® grinding and cutting equipment has proven reliability, and is designed to work effectively in rugged, dirty foundry environments. Precise cutting and efficient processing is only part of the design, to truly enhance this system Vulcan has added several advanced safety features. All of the above features, as well as incorporating redundant safety shutoff valves with monitoring, make this one of the safest cut-offs on the market.