

For more information on this product and on our complete package of solutions

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PRODUCT

Vesuvius TSOSS

end blow subblance probe with slag sampler

- Provides an effective way of obtaining a high quality slag sample in the converter
- Safety Improvements: Operator does not need to be in front of the converter
- Design and dimensions customized to the customer application
- Generates crucial information to optimize the additions

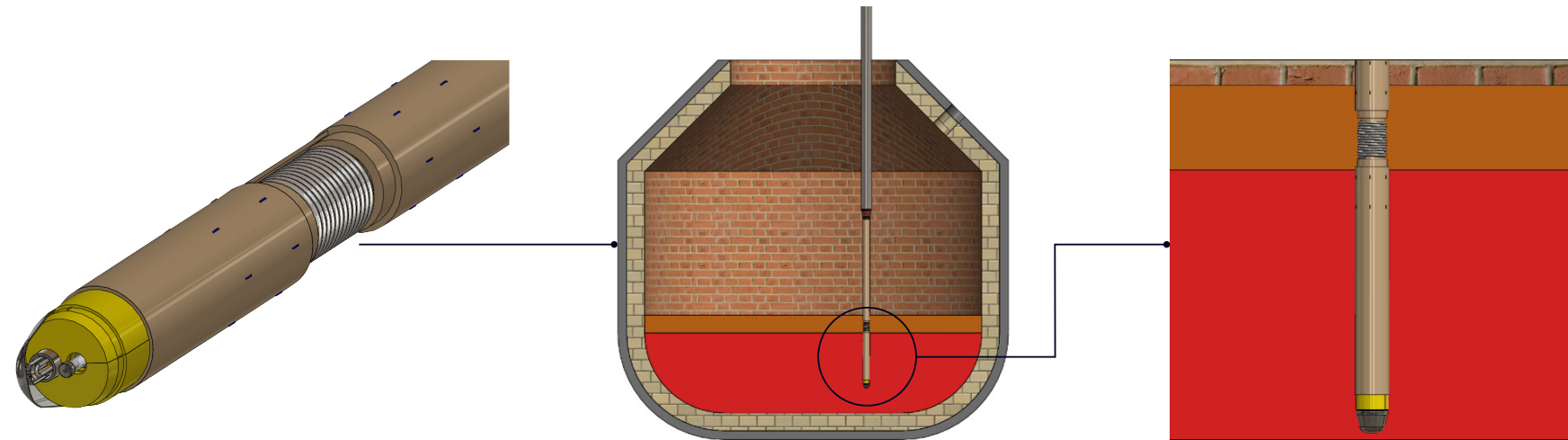
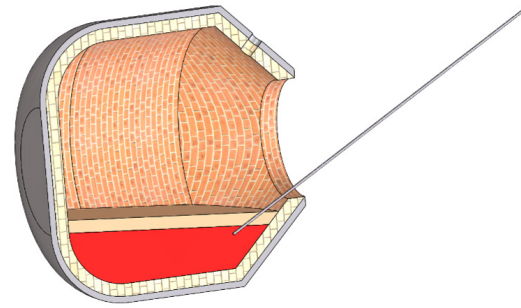
Vesuvius TSOSS – End Blow Sublance Probe with Slag Sampler

Efficient Slag Sampling

- Obtaining a slag sample from the converter provides the steelmaker with crucial information to improve the efficiency and reduce costs in the secondary refining;
- However, the current methods to obtain a slag sample from a BOF are difficult to be performed and expose the operator to liquid metal.

Solution for a process limitation through Design and Innovation

- The unique design of the Vesuvius TSOSS allows the steelmaker to obtain a representative high quality slag sample during the end blow measurement, avoiding extra tasks and dangerous procedures;
- Its carefully designed metallic spiral protected by a paper cap collects the slag sample during the end blow measurement.



Vesuvius TSOSS – End Blow Sublance Probe with Slag Sampler

Sampling Methodology

- After the end blow measurement, the probe will have attached to its metallic spiral a large quantity of slag;
- Using a hammer or similar tool it is possible to remove the slag material from the probe and send to chemical composition analysis.

Requirements for the usage of the Vesuvius TSOSS

- The Vesuvius TSOSS is compatible with any current sublance system, no special hardware is needed.
- To guarantee a high success rate of the sampling it is recommendable to keep a consistent bath level in the converter.

