

SNIF[®] CONTRACTS TO BUILD TWO P-240 SYSTEMS



SNIF P-180UiT

(under confidentiality at this time) have applications involving a very high molten metal flow rate (> 1500 kg/min) and hydrogen removal specifications that make a 4-rotor system necessary to meet their specifications. These equipment systems will be shipped during Q4 2011.

The SNIF SHEER P-240 has been sold in two different configurations. The first system is an “in-line” configuration, similar to the P-180, but with only four refining chambers. The second system will be in a “square” arrangement, similar to stacking two 2-rotor systems back-to-back. Both configurations will have two separate covers, which will reduce heat loss when drossing is required. One cover can remain down, while the other cover is raised to facilitate cleaning.

With customer processes now using higher flow rates, and with metal quality requirements becoming more and more stringent, the future looks promising for the 4-rotor P-240 system.

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Pyrotek’s SNIF[®] (Spinning Nozzle Inert Flotation) in-line molten aluminium refining and degassing equipment systems are established worldwide as a key processing route for optimising metal cleanliness and quality.

The SNIF Division of Pyrotek has recently received two separate orders to manufacture the first 4-rotor SNIF SHEER P-240 version of its molten metal degassing systems.

Pyrotek SNIF Systems’ Mickey McCollum explains that to date, the largest SNIF units that have been manufactured and installed have been the SNIF SHEER P-180 3-rotor systems. There are several of these systems in operation throughout the world.

The P-240 has been on the “drawing board” for some time, but market conditions and customer requirements had restricted this system to the design stage until now. The customers who have purchased these systems