



Part of a bigger picture



ALTEK RHINO-CAST®

Steel Alloy Products

Through over 30 years' experience in designing durable castings for the ALTEK Press and TARDIS presses, ALTEK has expanded its product base and now supplies a variety of casting products for the aluminium casthouse.

Products include single or multi-chamber skim pan sets, ingot moulds, press heads, sow moulds along with salt cake and dross containers. ALTEK's proprietary RHINO-CAST® steel alloy has been specifically developed to withstand the severe casthouse environment and is designed to endure both mechanical and thermal shock. Compared with fabricated or cast-iron pans, ALTEK's material is more durable, less likely to crack/break and retain their shape for many years resulting in lower procurement costs over time.

Benefits

- Long lasting and durable alloy
- High resistance to thermal and mechanical shock
- Improved aluminium drain (for dross pan range)
- Repairable on-site if damaged
- Reduced pan procurement



Investment

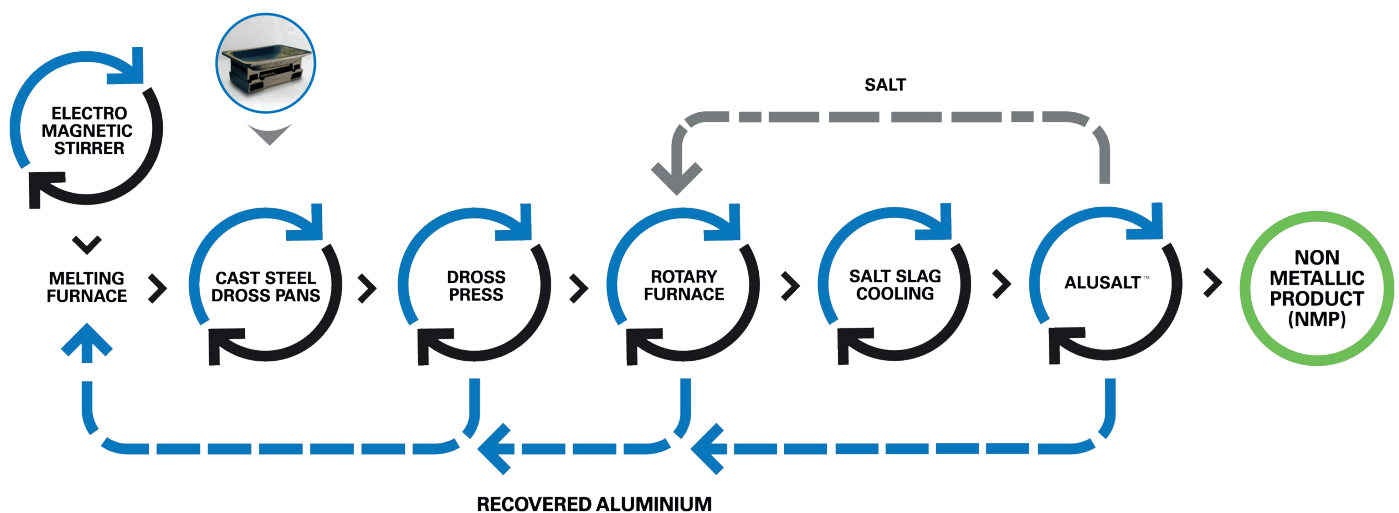
Procuring the correct pan for your operation will assist you in optimising dross and slag management. Knowing how to design a casting to both encourage metal drain and rapidly cool dross and salt cake takes experience and technical knowledge. ALTEK have perfected the design and alloy composition to achieve just this, giving an advantage over competing product designs. These advantages are translated into increased profitability as more metal units are saved and recovered during the process, and a longer life to reduce pan procurement.

Range

ALTEK have designs and patterns for over 70 dross skim pans and sow mould combinations with capacities ranging from 50kg to over 2,500kg. There are also a wide range of slag bins, sow moulds and dross containers to choose from with varying dimensions to suit almost any combination of furnace sill height, dross / slag production and casthouse layout. In addition to this ALTEK are also able to provide custom design pans to any preferred alloy to suit their customer requirements.

ALTEK's End-To-End Dross Management Solution

RHINO-CAST® Steel Alloy Products play a vital part of a larger cost effective sustainable End-To-End Dross Management Solution that can help give a faster return on investment over a much shorter period of time.



DISCOVER MORE...

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