FACT-SHEET

RHINO-CAST® Steel Alloy Products

The 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

THE PRODUCT.. - “TOUGH MATERIAL FOR TOUGH APPLICATIONS”

Through over 20 years experience in designing durable castings for the ALTEK Press and TARDIS, ALTEK have expanded its product base and now supplies a variety of casting products for the aluminium industry. Products include single or multi-chamber skim pan sets, ingot molds, press heads, sow molds, salt cake and dross containers. ALTEK’s proprietary RHINO-CAST® steel alloy has been specifically developed to withstand the severe cast-house 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.
AN 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 of 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.

THE RANGE...

ALTEK have designs and patterns for over 40 dross pan models with capacities ranging from 50kg to over 2,500kg. There are also a wide range of slag bins, sow molds, dross containers to choose from with varying dimensions to suit almost any combination of furnace sill height, dross / slag production and cast house layout. In addition to this ALTEK also are able to provide custom design pans to any preferred alloy to suit their customer requirements.