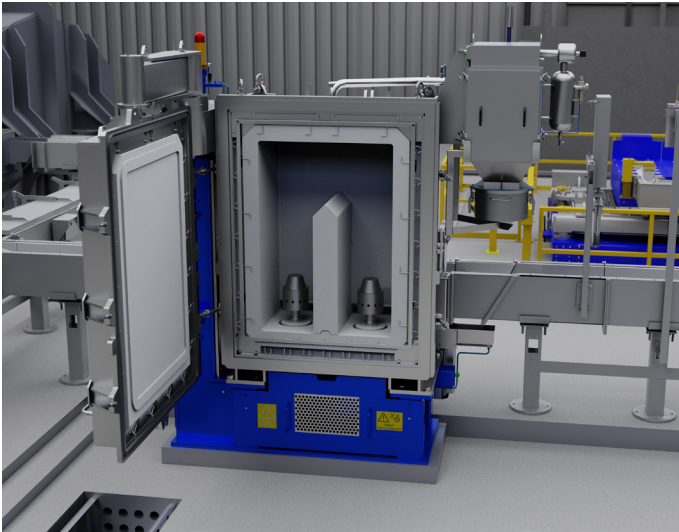


I-60 SIR

Hycast® Casthouse Technology – Refining of Molten Aluminium



The Hycast® I-60 SIR sets the benchmark for the in-line refining of molten aluminium at casting centres. The unit has one reactor chamber with a baffle and two rotors, that can handle up to 70 t/hour.

Hycast® I-60 SIR - Characteristics

- Unique and patented melt refining concept
- Drain free reactor unit
- Excellent removal of Hydrogen and inclusions (especially Oxides and Carbides) - especially important in locations with high humidity
- Low operational cost - few rotors and very low Argon consumption
- For extrusion ingot lines, no mechanical filtration system is required downstream the Hycast® I-60 SIR
- Exceptionally low dross generation due to inert atmosphere in the reactor
- Where grain refiner is added upstream the Hycast® I-60 SIR, the SIR-unit contributes positively with a very good mixing effect
- Fully automated - environmental and operator friendly
- Simple, flexible and time-efficient installation
- Small footprint in terms of floor space requirements

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HYCAST®

By  Hydro