

I-25 SIR

Hycast® Casthouse Technology – Refining of Molten Aluminium



The Hycast® I-25 SIR is based on proven technology from the unique Hycast® I-60 SIR system including; inert atmosphere, drain free reactor, bottom mounted rotor and fully automated system. Dust filter system gives no dust emission to the environment. The unit has one reactor chamber and one rotor, that can handle up to 25 t/hour. Mobile preheating unit is included but pre-heating is normally not necessary between casts.

Hycast® I-25 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
- Exceptionally low dross generation due to inert atmosphere in the reactor
- Where grain refiner is added upstream the Hycast® I-25 SIR, the 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
- Flexible interfacing and adaptable to any launder system

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HYCAST®

By  Hydro