

130t RH Vacuum Refining Equipment

The equipment refines 130 tons of molten steel per batch using vacuum technology. It removes dissolved gases and non-metallic inclusions, improving steel quality and mechanical properties.



Overview

High-Capacity RH Vacuum Refining System

This 130t RH (Ruhrstahl Heraeus) vacuum refining equipment is a comprehensive solution designed for secondary steelmaking processes. By utilizing advanced vacuum technology, the system effectively removes dissolved gases such as hydrogen and nitrogen, as well as non-metallic inclusions, to significantly enhance steel quality. Capable of refining 130 tons of molten steel per batch, this system improves the purity, toughness, and weldability of the final product, making it ideal for demanding high-grade steel applications.

Technical Specifications

Batch Capacity

130 t

Refining Capacity

Process Type

RH (Ruhrstahl Heraeus) Vacuum Refining

System Components

Included Systems

- Vacuum vessel
- Heating system
- Alloy addition system
- Control system

Key Benefits

Quality Enhancements

Gas Removal, Inclusion Removal, Improved Purity, Enhanced Toughness, Better Weldability