

70-Ton Vacuum Degassing Furnace Project

This is a 70-ton capacity vacuum degassing (VD) furnace project. The furnace utilizes vacuum technology to remove dissolved gases and inclusions during steelmaking, resulting in high-grade steel with superior mechanical properties.



Project Overview

70-Ton Vacuum Degassing Furnace Engineering Project

This comprehensive engineering project encompasses the full lifecycle design, construction, and commissioning of a 70-ton capacity Vacuum Degassing (VD) furnace. Designed to optimize steelmaking workflows, this system effectively removes dissolved gases such as hydrogen and nitrogen while minimizing inclusions. The implementation of this vacuum technology ensures the production of high-grade steel with superior mechanical properties and significantly reduced impurity levels.

Technical Specifications

Furnace Capacity	70 tons
Process Type	Vacuum Degassing (VD)

Capabilities

Removal Targets	Hydrogen, Nitrogen, Inclusions
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Project Scope

Scope of Services

- Engineering Design
- Construction
- Commissioning

Classification

Industry Category

Foreign Engineering Contracting • Steelmaking Equipment