

Cored Wire Manufacturing Unit

This cored wire production unit is engineered for producing cored wire, essential for adding elements to molten metal in metallurgy. It integrates wire payoff, powder feeding, wire forming, wire closing, and coiling functionalities, managed via a control panel for precise parameter adjustments.



Overview

High-Precision Cored Wire Production

This advanced manufacturing unit is engineered for the efficient production of cored wire, a critical material used in metallurgical processes to introduce alloying elements into molten metal. The system integrates wire payoff, powder feeding, forming, closing, and coiling into a seamless, continuous workflow. Designed for steelmaking and metal refining applications, it ensures precise control over production parameters to maintain consistent wire quality.

System Capabilities

Production Process Stages

- Wire Payoff
- Powder Feeding
- Wire Forming
- Wire Closing
- Coiling

Control & Precision

Adjustable Production Parameters	Wire Speed, Powder Feed Rate, Coil Tension
Control System	Integrated digital control panel

Applications

Primary Industry Applications

Steelmaking • Metal Refining • Metallurgical Processing