

# Cored Wire Manufacturing Plant

This cored wire micro-manufacturing plant is designed for producing cored wire, a composite material with a metallic sheath and powdered or granular materials. It integrates wire payoff, filling, drawing, and take-up systems.



## Overview

### Cored Wire Micro-Manufacturing Plant

This micro-manufacturing plant is engineered for the efficient production of cored wire, a composite material comprising a metallic sheath filled with granular or powdered substances. The system integrates a wire payoff, precise filling station, wire drawing unit, and take-up system to ensure consistent diameter and density. Designed for applications in welding, steelmaking, and metallurgy, it combines advanced control systems with high production rates for reliable industrial performance.

## Technical Process

### Integrated Components

- Wire Payoff System
- Filling Station
- Wire Drawing Unit
- Take-up System
- Advanced Control System

### Primary Applications

Welding, Steelmaking, Metallurgical Processes

## Performance

### Performance Highlights

**1 High**

Production Consistency

**1 High**

Operational Reliability