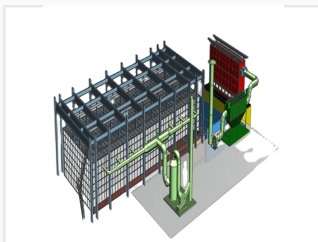


# Hot Dip Galvanizing System

This hot dip galvanizing plant applies a protective zinc coating to steel or iron products. The system includes dipping tanks and equipment for cleaning, pickling, fluxing, galvanizing, and cooling.



## ADDITIONAL IMAGES



## System Overview

### Advanced Hot-Dip Galvanizing Technology

This hot-dip galvanizing system is designed for high-efficiency, industrial-scale zinc coating applications. It integrates advanced automation, including an RGV logistic system and IoT-based control, to streamline the entire pretreatment and galvanizing workflow. With a focus on environmental sustainability, the system features enclosed pickling chambers and modern low-emission protection equipment.

## Key Features

### Process Capabilities

- Enclosed pickling chamber for acid mist control
- Automatic pretreatment logistics
- Intelligent furnace energy management
- Low-emission exhaust treatment

### Core Technologies

IoT-based Control, Automated RGV Logistics, Energy Management, Environmental Protection

## System Infrastructure

### Primary Infrastructure

- Overhead crane material handling system
- Process tanks (cleaning, pickling, fluxing, galvanizing, cooling)
- Robust steel framework construction
- Integrated piping and filtration systems