

Hot-Dip Zinc Galvanizing Furnace

This industrial furnace is designed for hot-dip galvanizing and zinc melting processes. It provides precise temperature control and efficient zinc melting for industrial applications.



ADDITIONAL IMAGES



Overview

High-Efficiency Galvanizing Solution

This Hot-Dip Zinc Galvanizing Furnace is engineered for precision thermal performance and operational efficiency. Utilizing advanced combustion technology and intelligent control systems, it offers significant energy savings and strict adherence to international safety standards. Its modular design ensures rapid on-site installation, making it an ideal solution for industrial galvanizing applications.

Performance & Efficiency

Thermal Efficiency	65 %
Gas Consumption Savings	30 %
Flame Outlet Speed	165 m/s

Technical Specifications

NOx Emission Level	d 50mg/m ³ @ 3% O ₂
Outer Wall Temp Rise	25 °C

Safety & Compliance

Compliance Standards	US NFPA86C, Europe EN746-II
----------------------	-----------------------------

Control & Automation

Control Features

- ZINC Auto Melt
- Gas leakage warning
- ZINC leakage warning
- Self-troubleshooting
- Remote diagnosis
- Mobile APP technical support

Design & Construction

Insulation Type	Nanomaterials insulation and ceramic fiber wall
Modular Design	Yes