

Galvanizing and Galvalume Coating Line

This processing line uses hot-dip galvanizing to coat steel strips. It employs a protection gas cycling jetting cooling device and frequency adjusting to cool the strip evenly.



ADDITIONAL IMAGES



Overview

High-Efficiency Coating Solution

This industrial galvanizing and galvalume coating line is engineered for high-volume production of coated steel coils. It utilizes advanced hot-dip processes and precise air knife control to ensure uniform coating thickness and superior surface quality. Designed for reliability and efficiency, the system integrates robust annealing and cooling technologies to meet rigorous manufacturing standards.

Technical Specifications

Annual Production Capacity

80000 tons/year

Min Capacity

300000 tons/year

Max Capacity

Maximum Line Speed

200 mpm

Zinc Coating Weight (Two Sides)

600 g/m²

Material Compatibility

Strip Dimensions

Parameter	Range
Strip Width	550-1350 mm
Strip Thickness	0.15-1.5 mm

Compatible Raw Materials

SPCC, SPCCD, Low-carbon steel, Low-silicon steel

Process Features

Annealing Furnace Options

- Full radiation pipes (vertical or horizontal)
- NOF (Non-oxidative direct fired furnace)

Key Process Controls

Closed-circuit air knife control • Frequency speed regulation • Protection gas cycling jetting cooling • High-precision drive control