

Automated E-Coating System for Car Bodies

This automated system applies a uniform, corrosion-resistant coating to vehicle chassis and body panels. Immersion in an electrodeposition bath ensures complete coverage, providing excellent protection against rust and corrosion.



Overview

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This automated e-coating line is engineered for the precise application of uniform, corrosion-resistant coatings to vehicle chassis and body panels. By utilizing an electrodeposition bath with electrical charge, the system ensures complete paint coverage even in complex, hard-to-reach areas. The integrated process covers pre-treatment, coating application, and post-treatment stages to deliver superior durability and rust protection for automotive manufacturing.

Technical Process

System Stages

- Pre-treatment
- Coating Application
- Post-treatment

Coating Method

Electrodeposition (E-Coating)

Primary Application

Car Bodies, Vehicle Chassis, Body Panels

Performance Features

Performance Benefits

Uniform Coating • Corrosion Resistant • Automated Control • High Durability