

Electrostatic Powder Coating Cooling Conveyor Belt

This automated cooling belt system is designed for electrostatic powder coating applications. It features a modular design with adjustable speed controls and safety features.



Product Overview

Automated Cooling Solution for Powder Coating

This electrostatic powder coating cooling conveyor belt is a robust, automated system designed for high-volume production lines. It efficiently processes kneading material from the extruder, transforming it into uniform sheets through chilled rollers before cooling and crushing it into chips. Built with durable stainless steel, this system ensures reliable performance and hygiene for industrial powder coating applications.

Technical Specifications

Core Components

- Cooling rolls
- Stainless steel segment conveyor
- Air blowers
- Crushers
- Frame
- Motors

| | |
|-------------------------------|---|
| Output Sheet Thickness | 1.25 mm |
| Cooling Method | Water-chilled rolls, Air blowers, Chilled air |

Construction

Construction Material

Stainless Steel

Operational Metrics

Process Flow

| Stage | Action |
|---------|---------------------------------|
| Input | Kneading material from extruder |
| Forming | Squeezed into 1-1.5mm sheet |
| Cooling | Chilled rolls and air blowers |
| Output | Crushed into chips |