

Automatic Flask and Bottle Lacquer Spray Machine

This automatic machine applies lacquer to vacuum flasks and water bottles. It uses a robotic arm and rotating platform to ensure even coating and consistent quality.

What are the components?

1. Electrical control system
2. One set of lift
3. Electrostatic generator
4. Oil supply system
5. Electrostatic spray gun
6. Spray chamber
7. Transportation turntable



ADDITIONAL IMAGES



Overview

High-Efficiency Lacquer Spraying Solution

This automatic vacuum flask lacquer spray painting machine is engineered for high-volume production, capable of processing up to 13,000 units per 10-hour shift. It features advanced automation for both painting and unloading, ensuring consistent quality and reduced labor requirements. Designed with eco-friendly features like water recycling and waste reduction systems, this machine provides a sustainable and cost-effective solution for finishing stainless steel, aluminum, and copper bottles.

Performance & Capacity

Daily Capacity

13000 pcs/10hrs

Max Output

Technical Features

Automation Capabilities

- Automatic painting process
- Automatic unloading system
- Programmable logic controller (PLC) for precise spray control
- Electrostatic generator for enhanced paint adhesion
- Automated lift mechanism for vertical movement

System Components

Component
Electrical control system
Lift mechanism
Electrostatic generator
Oil supply system
Electrostatic spray gun
Spray chamber
Transportation turntable

Efficiency & Sustainability

Cost Saving Metrics

- 320 tool fixtures capacity
- Improved paint utility ratio via short chain design
- Patented 2nd generation auto-static/non-static spray gun

Environmental Features	Water recycling system, Waste paint reduction, Closed-loop vacuum system, Fresh air supply
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Flexibility

Operational Flexibility

Easy model changes • Suitable for small quantity orders • Supports multiple bottle designs • Quick sampling