



PLC Automated Cosmetics Assembly Machine Automated Cosmetic Packaging Assembly Machine

Our Product Introduction

Basic Information

- Place of Origin: Shanghai
- Brand Name: Quanstar
- Certification: ISO
- Packaging Details: wooden box
- Payment Terms: L/C,T/T



Product Specification

- Name: PLC Automated Cosmetics Assembly Machine
- Power Supply: AC380V 50/60Hz
- Industry: Cosmetics
- Control System: PLC
- Solution: Custom Automation
- Operation: Automatic
- Highlight: **PLC Automated Cosmetics Assembly Machine, Automated Cosmetic Packaging Assembly Machine**

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Product Description

PLC Automated Cosmetics Assembly Machine

Attribute	Value
Name	PLC Automated Cosmetics Assembly Machine
Power supply	AC380V 50/60Hz
Industry	Cosmetics
Control system	PLC
Solution	Custom automation
Operation	Automatic

Key Features

High-Speed Modular Assembly

- Configurable workstations with quick-change tooling (<5 min product changeover)
- Servo-driven mechanisms achieving 200-800 UPH (units per hour)
- ±0.05mm positioning repeatability for delicate components

GMP-Compliant Design

- ISO Class 7 cleanroom-compatible stainless steel construction
- USP Class VI/FDA-approved contact surfaces
- Aseptic options: Gamma/EtO sterilization-ready modules

Smart Quality Control

- Integrated 12MP vision inspection (detects 30µm defects)
- Weight/leak testing with automatic reject segregation
- Blockchain-enabled traceability (UDI compliance)

Flexible Automation

- Hybrid human-robot 工作站 for complex assemblies
- AI-driven adaptive process control
- IoT-enabled predictive maintenance

Industry Applications

Primary Packaging Assembly

- Lipsticks: Magnetic cap alignment, bullet insertion
- Compacts: Mirror/powder tray assembly with dust-free handling
- Mascara: Precise wiper/brush insertion (±0.1mm)

Secondary Packaging

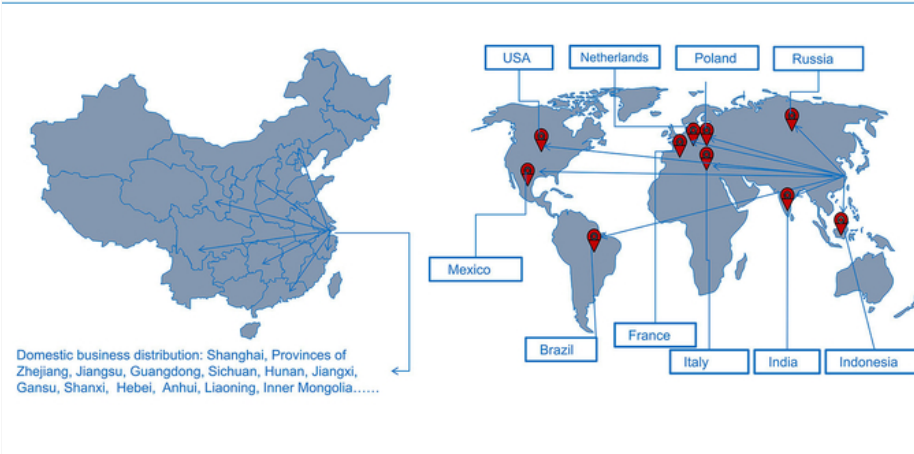
- Carton erecting & product loading (50+ SKU compatibility)
- Tamper-evident band application
- Multi-language leaflet insertion

Luxury Product Lines

- Jewel-encrusted case assembly with force-controlled placement
- Perfume pump/precision nozzle calibration
- Holographic label verification

Sustainable Solutions

- Refillable container docking systems
- Biodegradable component handling
- Recyclable material sorting



We are committed to providing customers with high-quality, competitive products and services. A project cooperation process usually includes the following key steps.



Frequently Asked Questions

Q: Are you trading company or manufacturer?

A: We are a manufacturer with over 10 years of production and development experience.

Q: What are your major products?

A: We are an assembly automation solution provider specialized in customized automatic machinery for production. For example, we provide customized assembly line, testing and packaging solutions to several electric vehicle (EV) manufacturers, such as component-level lines for battery packs, thermal management systems, steerings and so on.

Q: How long is your delivery time?

A: Usually 3 months is a production cycle, the specific delivery date should be arranged according to the product's complexity and real-time production schedule. Please contact us for the latest delivery date.

Q: How about your price?

A: Show us your parts and we will be glad to find solutions and provide a suitable scheme, and offer the most competitive price to you.

Q: What is your terms of payment?

A: 40% deposit and 60% balance payment before delivery.

Q: What is the package for your machine?

A: We have standard wooden case package.

Q: How long is the warranty?

A: Our aftersale service is one year free warranty, and life-time maintenance guaranteed.

Q: What partners do you work with?

A: We can both work with customer's designated partners and propose other components partners at customer's request. Some of our technical partners as below:



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