



## Custom PLC Auto Parts Production Line For Car Window Lifter Switch Assembly

Our Product Introduction

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### Basic Information

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



### Product Specification

- Name: Assembly Line For Window Lifter Switch
- Application: Automotive Automation
- Condition: New
- Operation Mode: Fully Automated
- Controller: PLC
- Origin: Shanghai
- Highlight: Custom PLC Auto Parts Production Line,  
Car Window Lifter Switch Assembly Line,  
Window Lifter Switch Auto Assembly Line

### Product Description

#### assembly line for car window lifter switch custom automotive automation

Automatic feeding system:

Vibration plates and conveyor tracks are used to orderly transport various parts of the control switch, such as buttons, casings, circuit boards, etc., to the assembly station.

The visual recognition system detects and classifies parts to ensure the accuracy of feeding.

Assembly station:

Multi-axis manipulators are responsible for grabbing and assembling parts. The manipulators are equipped with high-precision fixtures and can accurately install buttons at specific positions on the casing and ensure firm installation.

Automated welding equipment welds the circuit board to ensure stable and reliable welding quality.

Screw tightening equipment tightens the screws on the casing to ensure a firm product structure.

Inspection station:

Function detection: By simulating the operating environment of an automotive lathe, various functions of the control switch are detected, such as the touch of the button and the response speed of the switch.

Electrical performance detection: Professional electrical detection equipment is used to detect the electrical performance of the control switch, including parameters such as voltage, current, and resistance.

Our Product Introduction

Appearance detection: High-definition cameras and image recognition technology are used to detect the appearance of the control switch and check for appearance defects such as scratches, deformations, and stains.

Packaging station:

Package the qualified control switches. Automated packaging equipment is used to improve packaging efficiency and quality. Packaging materials can be selected according to customer needs, such as plastic bags and paper boxes.

III. Equipment features

High degree of automation:

The entire assembly process is automated, reducing manual operations and improving production efficiency. At the same time, automated operations also reduce the impact of human factors on product quality and improve product consistency and reliability.

High-precision assembly:

Multi-axis manipulators and high-precision fixtures are used to ensure accurate installation positions of parts. Automated welding equipment and screw tightening equipment can precisely control welding and tightening forces to ensure product quality.

Strict quality inspection:

Equipped with function detection, electrical performance detection, and appearance detection equipment to conduct comprehensive quality inspection of products. Only qualified products can enter the packaging link, ensuring product quality.

Strong flexibility:

This assembly equipment can be adjusted and optimized according to different models of automotive lathe control switches to meet the needs of different customers. At the same time, the maintenance of the equipment is also relatively convenient, reducing the operating costs of enterprises.

Function	automatic assembly and testing line
Compatibility	compatible with different specifications of pipes

FAQ

1.Q: Are you trading company or manufacturer?

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

2.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.

3. 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 progress. [sales@automation-assembly.com](mailto:sales@automation-assembly.com)

4.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. [sales@automation-assembly.com](mailto:sales@automation-assembly.com)  
No.368 Xiaonan Road, Fengxian District, Shanghai 201401, China

5.Q: What is your terms of payment ?

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

6.Q: What is the package for you machine?

A: We have standard wooden case package.

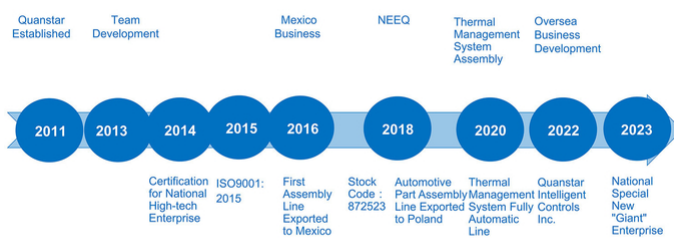
7.Q: How long is the warranty?

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

8.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:

Development History



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

