



EPS System Auto Parts Production Line For Automatic Assembly Test Packaging

Our Product Introduction

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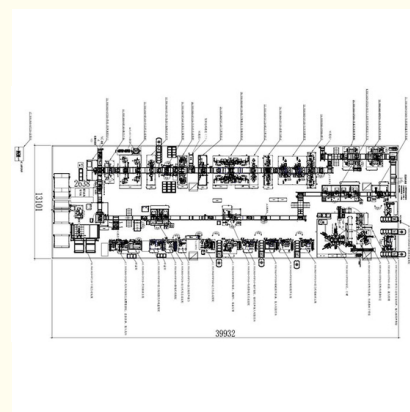
Basic Information

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

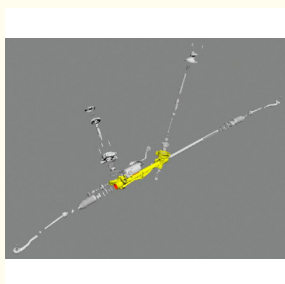


Product Specification

- Name: EPS Assembly And Test Line
- Application: Automotive Steering System
- Automated System: EPS
- Operation Mode: Fully Automated
- Control System: PLC
- Place Of Origin: Shanghai
- Highlight: **EPS System Auto Parts Production Line, Auto EPS System Automatic Assembly Line, EPS System Automatic Packaging Production Line**



More Images



Product Description

automatic assembly, test and packaging system for Electric Power Steering System (EPS)

Features:

High-precision assembly: It can precisely assemble each component of the EPS steering gear to ensure the stability of product quality and performance.

High degree of automation: Each process is completed by robots or automated equipment, reducing manual intervention and improving production efficiency and consistency.

Strict quality control: It is equipped with various detection equipment during the assembly process to monitor parameters such as torque and electrical performance in real time to ensure that the product meets quality standards.

Customization ability: It can be customized according to different EPS steering gear models and specifications to meet diverse production needs.

Data collection and traceability: It can collect data in the production process in real time, realize the traceability of each component, and facilitate quality analysis and problem troubleshooting.

Efficient production rhythm: Optimize the time arrangement of each process to enable the assembly line to operate continuously at a high speed and improve production efficiency.

Highly integrated: Integrate multiple links such as material distribution, assembly, and testing on one production line, reducing time and space waste in the intermediate links.

Advantages:

Improve product quality: Through high-precision assembly and strict quality control, the influence of human factors on product quality is reduced, and the reliability of the product is improved.

Increase production efficiency: Automated production reduces the production cycle and can significantly increase output compared to the traditional manual assembly method.

Reduce costs: It reduces the demand for a large number of manual workers and lowers labor costs; at the same time, the efficient production rhythm and integrated production method also help to reduce production costs.

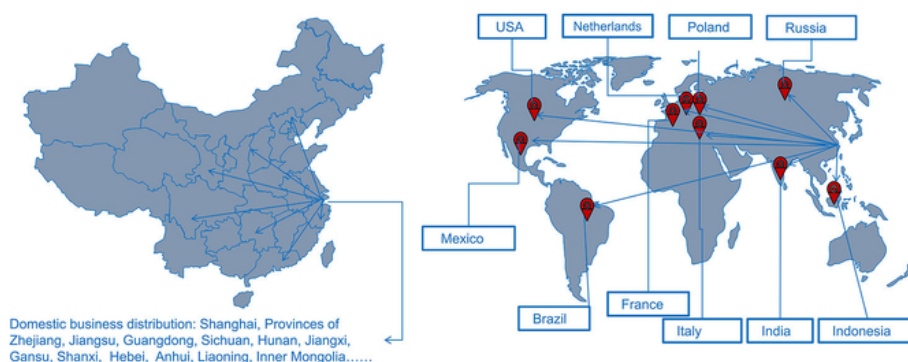
Ensure production stability: It reduces human errors and uncertainties, makes the production process more stable, and ensures the consistency of product quality.

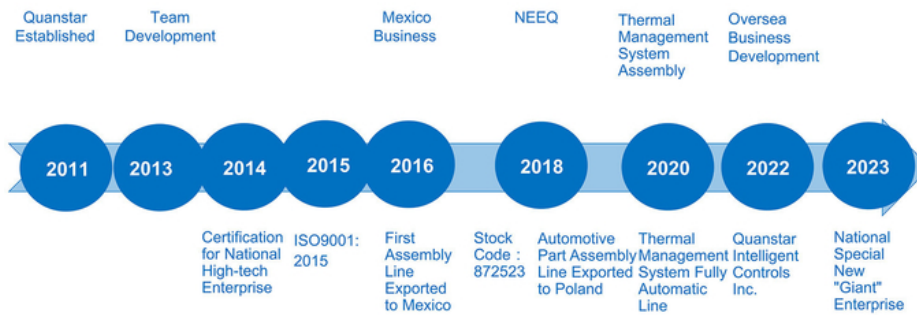
Quickly adapt to product changes: The customization ability enables it to quickly adapt to the production needs of different models of EPS steering gears and improves the market response ability of the enterprise.

Convenient for management and optimization: The data collection and traceability system provides rich information for production management and helps managers optimize and improve the production process.

Function	Assembly system for steering components and steering systems
Cycle time	50s
Torque accuracy	+/- 0.02Nm
Compatibility	compatible with different types and specifications of battery packs
Position accuracy	+/- 0.1°
Speed accuracy	+/- 0.1°/s

Business Global Service





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



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 schedule. Please contact us for the latest delivery date.

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.

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:

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