



## Automatic Visual Inspection System For EPS Steering System Assembly Line

Our Product Introduction

for more products please visit us on [automation-assembly.com](http://automation-assembly.com)

### 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
- Assembled Products: Electric Power Steering (EPS) System
- Operation Mode: Fully Automated
- Control System: PLC
- Place Of Origin: Shanghai
- Highlight: **Steering System Automatic Visual Inspection System**  
, EPS System Automatic Assembly Line,  
EPS Assembly Automatic Visual Inspection System

Automatic Visual Inspection System For EPS Steering System Assembly Line

Product Specifications

Attribute	Value
Name	EPS assembly and test line
Application	Automotive steering system
Assembled products	Electric Power Steering (EPS) system
Operation mode	Fully automated
Control system	PLC
Place of origin	Shanghai

Lean Production System For Steering System Assembly Line

This fully automated assembly solution for automotive steering systems integrates component feeding, assembly, testing, and packaging processes into one system, ensuring high accuracy and efficiency.

Function	Steering system assembly line
Cycle time	50s
Torque accuracy	±0.02Nm
Compatibility	Works with different types and specifications of EPS
Position accuracy	±0.1°
Speed accuracy	±0.1°/s

## 汽车零部件生产设备

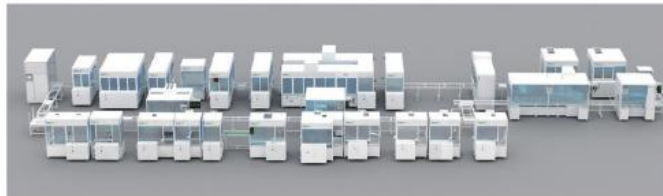
Auto parts production equipment

### 电子助力转向系统(DP-EPS)自动化装配、测试、包装生产线

Electronic Power Steering System (DP-EPS) automates assembly, testing and packaging lines

#### EQUIPMENT DISPLAY

设备展示



#### PROCESSES

主要工艺

- 自动打钻孔打销 • Automatic drilling and pin
- 自动磨合测试 • Automatic run-in test
- 自动调节间隙 • Automatic clearance adjustment
- 电性能测试 • Electrical performance test
- 下线自动贴标 • Offline automatic labeling

#### PARAMETER

性能参数

- 生产节拍: 50秒/件
- 扭矩检测精度:  $\pm 0.02\text{Nm}$
- 位置检测精度:  $\pm 0.1^\circ$
- 转速控制精度:  $\pm 0.1^\circ/\text{s}$
- Production cycle: 50 s/pcs
- Torque accuracy:  $\pm 0.02\text{Nm}$
- Position accuracy:  $\pm 0.1^\circ$
- Speed accuracy:  $\pm 0.1^\circ/\text{s}$

#### FEATURES

核心优势

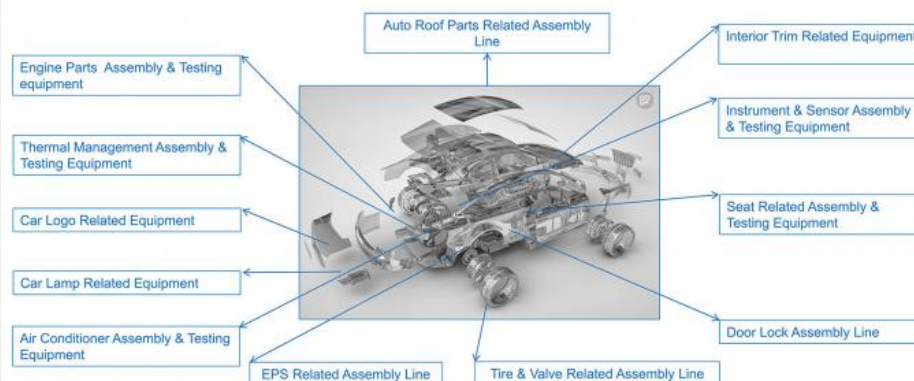
- 兼容多种产品, 支持便捷换型
- 配合摄像头视觉检测技术提升装配质量
- 设置严格的检测工序保证产品可靠性
- Compatible with a variety of products, support for easy type change
- Improve assembly quality with camera visual inspection technology
- Set up strict testing procedures to ensure product reliability

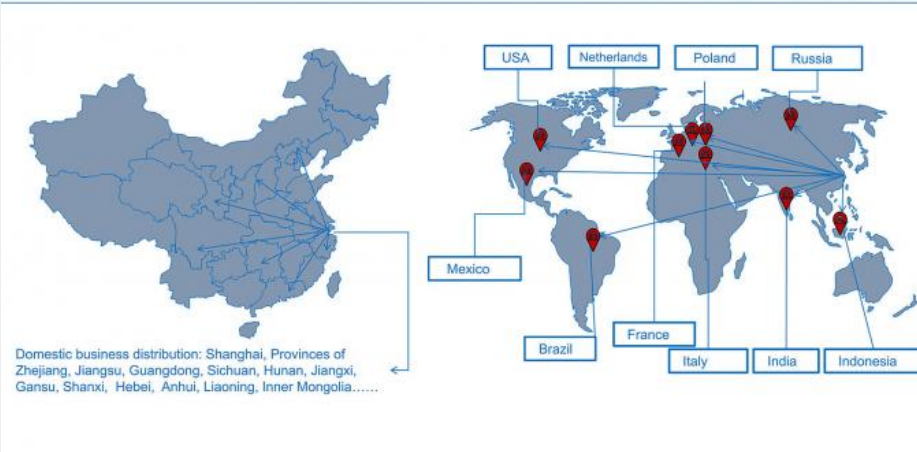
#### PRODUCT

主要产品

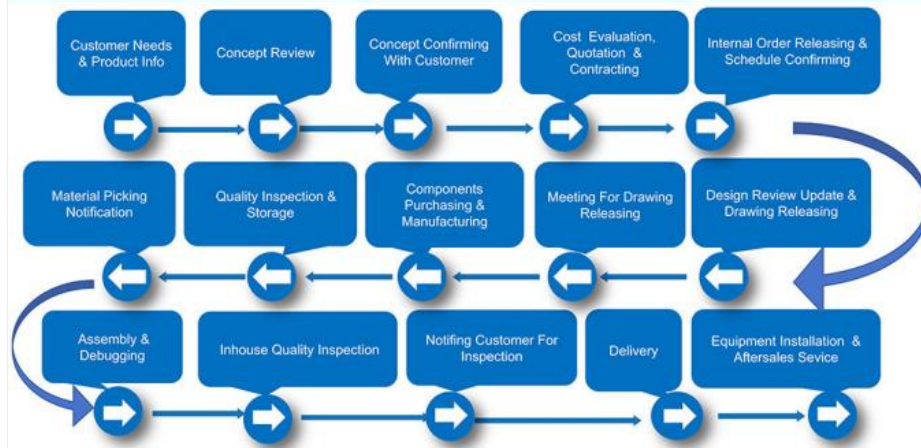


#### Automotive Industry & Related Auto Parts





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 specialize in customized automatic machinery for production, including assembly lines, testing, and packaging solutions for electric vehicle manufacturers. Our expertise includes component-level lines for battery packs, thermal management systems, and steering systems.

### Q: How long is your delivery time?

A: The standard production cycle is 3 months, with final delivery dates determined by product complexity and current production schedule. Contact us for specific timing.

### Q: How about your price?

A: We provide competitive pricing based on your specific requirements. Share your parts with us for a customized solution and quote.

### Q: What is your terms of payment?

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

### Q: What is the package for your machine?

A: Standard wooden case packaging.

### Q: How long is the warranty?

A: One year free warranty with lifetime maintenance support.

### Q: What partners do you work with?

A: We collaborate with customer-designated partners or can recommend technical partners based on your requirements.



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