

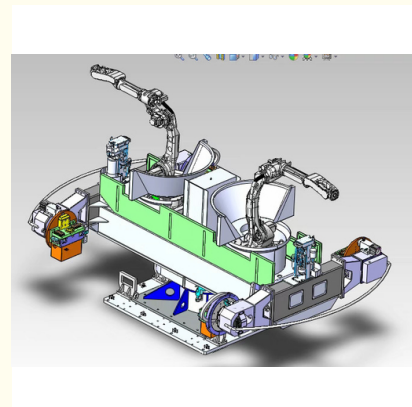


## Three-axis Horizontal Return Positioner With Integrated Module

Our Product Introduction

### Basic Information

- Place of Origin: Shanghai
- Brand Name: QuanStar
- Certification: International Organization for Standardization
- Packaging Details: wooden box
- Payment Terms: letter of credit, T/T



### Product Specification

- Assembled Parts: Integrated Module
- Operational Mode: Fully Automatic
- Category: Automation
- Operation Mode: Fully Automated Or Semi-automated
- Condition: New
- Material: Stainless Steel
- Control System: PLC
- Color: Customized
- Highlight: **Three axis horizontal return positioner, horizontal return positioner**

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## Product Description

### I. Definition and Function

The three-axis horizontal rotary positioner is an industrial device capable of horizontal rotation, multi-angle rotation, and 360-degree flipping. It typically consists of a worktable rotation drive system, a flipping drive system, a lifting drive system, and an electronic control system. Through rotation, flipping, and lifting of the worktable, the workpiece can be positioned at the required welding location and angle for robotic welding.

### II. Main Features

**High Precision:** The positioner's body is integrally cast, making it resistant to deformation and capable of maintaining good precision over the long term.

**Quick Changeover:** The positioner frame is equipped with standard quick-change interfaces for manual, pneumatic, and electro-pneumatic fixtures, facilitating rapid fixture combination.

**Strong Compatibility:** The entire equipment has strong compatibility for welding products and excellent expandability for automated welding.

**Easy Maintenance:** The positioner is equipped with dedicated oil injection and drain holes, making subsequent maintenance and upkeep very convenient.

**Cost-saving:** The welding stations automatically cycle and hand off, allowing loading/unloading and welding to proceed simultaneously, and only one operator is required, effectively improving work efficiency.

### III. Application Fields

The three-axis horizontal rotary positioner is widely used in multiple fields, including but not limited to:

**Automotive Industry:** Used for welding and assembly of automotive components such as engines, transmissions, chassis, and other key parts.

**Electronics Industry:** Used in the manufacturing process of electronic products for welding and assembly of circuit boards.

**Aerospace:** Used in the manufacturing and maintenance of aerospace equipment for welding and assembly of precision components.

**Other Industries:** Fields such as medical equipment and furniture manufacturing also commonly use the three-axis horizontal rotary positioner for welding and assembly of precision components.

### Frequently Asked Questions

**Q: Are you a trading company or a manufacturer?**

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

**Q: What are your main products?**

A: We are an assembly automation solutions provider specializing in customized automation production machinery. For example, we provide customized assembly lines, testing, and packaging solutions for components such as battery packs, thermal management systems, steering systems, etc., for multiple electric vehicle (EV) manufacturers.

**Q: What is your delivery time?**

A: Typically, 3 months is a production cycle. The specific delivery date should be arranged based on the complexity of the product and the real-time production schedule. Please contact us for the latest delivery date.

**Q: How about your prices?**

A: Show us your parts, and we will be happy to find a solution, provide a suitable plan, and offer you the most competitive price.

**Q: What are your payment terms?**

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

**Q: What is the packaging for your machines?**

A: We have standard wooden box packaging.

**Q: What is the warranty period?**

A: Our after-sales service includes a one-year free warranty and lifetime maintenance.

**Q: Who do you cooperate with?**

A: We can either cooperate with the partners specified by our clients or recommend other component partners based on the clients' requirements.



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