

# Single Axis Servo Positioner

This single axis servo positioner is a head-tail type positioning system. It is designed for integration with industrial robots and CNC machinery.



## Product Overview

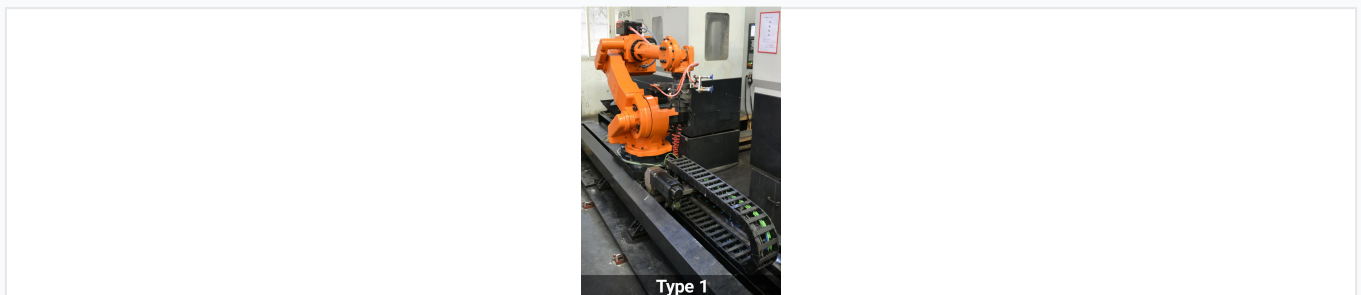


Automated material handling setup designed for high-precision manufacturing.

### Head-Tail Single Axis Servo Positioner

This head-tail type single axis servo positioner is designed for high-precision industrial automation. It facilitates extended reach and precise movement for robotic arms, enabling efficient material handling and automated assembly processes. Engineered for reliability in industrial environments, this system supports heavy-duty applications with high repeatability.

## Technical Performance



Linear guide rail system featuring integrated cable carriers for smooth operation.

### Performance Metrics

**1.5 m/s**

Top Motion Speed

**0.05 mm**

Repeated Positioning Accuracy

### Loading Capacity by Type

Robot Type	Top Loading Capacity
Type 1	800
Type 2	400

## Operating Environment

### Environmental Conditions

- Ambient temperature: 0-45°C
- Ambient humidity: 20-80% RH
- No condensation

## System Compatibility



Complete robotic setup integrated with CNC machinery for automated manufacturing.

### Compatible Robot Series

RB Series, Multi-joint Robot