

5.5kW 380V AC Servo Drive for Industrial Automation

This AC servo drive delivers precise motor control for a range of industrial automation applications. It features mechanical resonance frequency analysis and multi-bus support.



ADDITIONAL IMAGES



Product Overview

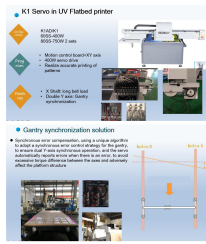
High-Performance Servo Drive

The K1 Series 5.5kW servo drive is a robust solution designed for high-precision motion control across demanding industrial applications. It features advanced three-phase PWM converter technology and supports versatile control modes, ensuring smooth operation and exceptional motor performance. With extensive communication support and intelligent tuning capabilities, it simplifies system integration while maximizing productivity and stability.

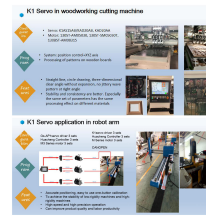
Technical Specifications

| | |
|-------------------|---------------------------------|
| Rated Power | 5.5 kW |
| Input Voltage | 380V AC (Three-phase, -15~+10%) |
| Rated Current | 16 A |
| Overload Capacity | Up to 3x rated torque |
| Communication | Modbus, CANopen, Customized CAN |

Control & Precision



Example application: Precision gantry synchronization in UV flatbed printing systems.



Versatile industrial deployment: Woodworking cutting machines and multi-axis robot arms.

Available Control Modes

- Position Control
- Speed Control
- Torque Control
- Inner Speed
- Position/Speed Control
- Position/Torque Control
- Speed/Torque Control

Pulse Input Interface

| Interface Type | Max Speed |
|--------------------|-----------|
| Differential Input | 500K |
| Open Collector | 200K |

Environmental Requirements

Operating Temperature

| | |
|--------------------------------|---------------------------------|
| 0 °C Min Temperature | 45 °C Max Temperature |
|--------------------------------|---------------------------------|

Operating Humidity

20-85% RH (Non-condensing)