

# 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

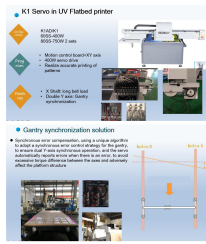
### High-Performance Servo Drive

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.

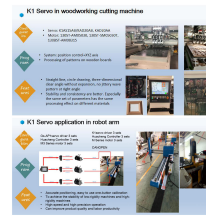
## Technical Specifications

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

<b>0 °C</b> Min Temperature	<b>45 °C</b> Max Temperature
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### Operating Humidity

20-85% RH (Non-condensing)