1.8kW 380V Servo Drive for Automation

This 1.8kW, 380V servo drive provides intelligent and stable performance for automation applications. It features internal position mode for multi-path planning and automatic load inertia detection.

ADDITIONAL IMAGES

Product Overview

High-Performance Servo Drive Solution

This 1.8kW 380V servo drive is a robust solution designed for high-precision motion control across industrial applications including robotics and CNC machining. It features advanced intelligence such as automatic load inertial determination, mechanical resonance frequency analysis, and frictional torque compensation to ensure optimal stability and performance. With support for multiple control modes and flexible interface options, it provides seamless integration for demanding automated systems.

Technical Specifications

Control Modes

- Position control
- Speed control
- Torque control
- Inner speed control
- Speed/zero clamp

Rated Power	1.8 kW
Input Voltage	380V AC (Three-phase, -15% to +10%)
Rated Current	5 A
Supported Protocols	CANopen, Modbus

Performance Features

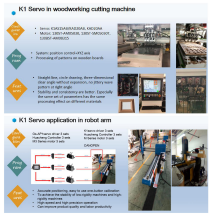
Key Performance Metrics

3 x	500 kHz	5000 Hz
Max Torque Capacity	Differential Pulse Input	Trap Filter Frequency Max

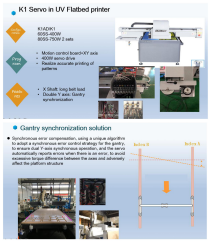
Environmental Requirements

Operating Temperature	0°C to 45°C
Maximum Altitude	1000 m

Application Compatibility



Versatile implementation of servo drives in precision robotic systems and automated cutting equipment.



Example of servo system configuration for dual Y-axis gantry synchronization in precision printing.

Common Industrial Applications

Woodworking Cutting • Robot Arms • UV Flatbed Printers • Machine Tools