

2.2kW Universal Pulse Servo Drive

This 2.2kW servo drive provides precise and reliable control of servo motors. It supports pulse and direction control modes for seamless integration with various control systems.



ADDITIONAL IMAGES



Overview

High-Performance Universal Servo Drive

The 2.2kW Universal Pulse Servo Drive is designed for high-precision industrial automation, offering powerful motion control and robust stability. It features intelligent load inertia determination and mechanical resonance frequency analysis to optimize gain settings and eliminate vibrations. With support for multiple communication protocols including CANopen and intuitive debugging software, this drive ensures seamless integration and high efficiency for demanding motion control applications.

Key Features

Stability & Compensation

- Automatic load inertia determination
- Mechanical resonance frequency analysis (50-5000Hz)
- Frictional torque compensation
- Trap filter configuration for vibration suppression

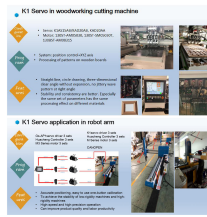
Motion Control

Multi-path planning, 32 data sets support, Adjustable acceleration/deceleration, Emergency deceleration support, Pulse and direction control

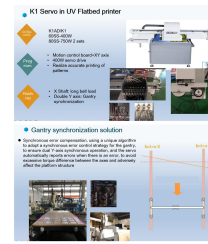
Technical Specifications

Power Rating	2.2 kW
Communication	CANopen, CN1, CN2, CN3, CN4

Application Suitability



Proven performance in woodworking cutting machines and multi-axis robot arm configurations.



Advanced gantry synchronization and error compensation for UV printing systems.

Common Industrial Applications

Application	Key Benefit
Woodworking Machines	Precise XYZ axis processing and pattern consistency
Robot Arms	High-speed precision and stability for low-rigidity setups
UV Flatbed Printers	Synchronized gantry motion with error compensation