

# 1.5kW Universal Bus Servo Drive 220V

This 1.5kW servo drive is a universal bus type designed for precise motion control applications. Operating at 220V, it supports EtherCAT communication for seamless integration with industrial automation systems.



## ADDITIONAL IMAGES



## Product Overview

### • iK3 CANOpen in non-standard tapping

Configurability

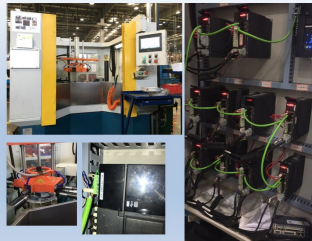
- iK3-400W 4 sets
- iK3-1.5KW 6 sets
- M series 23 Bit motor

Programmability

- 8-station tapping
- K1 AS15 servo drive
- Precise tapping of the engine casing

Features

- Fast tapping, no bad teeth
- Motor waterproof, high servo stability



Application example showing precise multi-axis motion control in industrial tapping.

## High-Performance Universal Bus Servo Drive

This 1.5kW universal bus servo drive provides industry-leading precision through high-frequency loop responses and dual-algorithm processing. It ensures seamless integration with industrial automation via standard EtherCAT and CANopen protocols. Designed for demanding environments, it features robust environmental protection, comprehensive safety functions, and advanced vibration suppression for reliable motion control.

## Performance Metrics

### Performance Highlights

**2.5 kHz**

Current Loop Response

**1.6 kHz**

Speed Loop Response

**0.1 us**

Bus Sync Accuracy

## Technical Specifications

### I/O Configuration

- 6 x DC24V optocoupler isolated inputs
- 4 x optocoupler isolated outputs

Power Supply	220V AC (-15% to +10%), 50-60Hz
Rated Current	10 A
Supported Protocols	EtherCAT, CANopen

## Safety & Features

### Advanced Control Features

Active Resonance Suppression • End Jitter Suppression • Friction Compensation • Groove Torque Compensation • Weak Magnetic Observation

Safety Functions	SS1, SS2, SBC, STO
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## Operating Environment

### Environmental Conditions

Parameter	Range
Operating Temp	0-45°C
Storage Temp	-20-65°C
Humidity	20-85% RH
Altitude	< 1000m