



# copley controls

powered by analogic 

## Unleashing Precision: Why Copley Controls is your ultimate drive solution

### THE COPLEY EDGE!

What sets Copley Controls apart? It's the Copley Edge – a combination of cutting-edge technology, versatility, and a commitment to empowering machine builders & automation specialists. Dive into the core of why Copley Drives are the preferred choice, offering not just products but a complete solution for those at the forefront of automation innovation.

### PRECISION IN MOTION

At the heart of Copley Controls beats a commitment to unparalleled flexibility, cutting-edge features, and precision engineering. Automation Engineers, known for demanding excellence in their control systems, discover a steadfast ally in Copley Drives. Our offerings boast advanced motor control technology and an intuitive, user-friendly software environment, providing a robust foundation for a diverse range of applications.

What sets Copley Drives apart is not only their technical sophistication but also the expansive options they offer:

- **Safety Assurance (Safe Torque Off / SIL3):** Ensuring the highest standards of safety in operation.
- **Versatile Communication Protocols:** Adaptable to various communication frameworks for seamless integration.
- **Extensive Feedback Options:** Tailoring feedback mechanisms to meet specific performance requirements.
- **Ruggedized COTS Designs:** Robust and reliable Commercial Off-The-Shelf designs for demanding environments.
- **Single and Multi-Axis Platforms:** Scalable solutions supporting both individual and multi-axis applications.
- **AC / DC Supply Voltages:** Adaptable to a spectrum of supply voltages for enhanced compatibility.
- **Multiple Command Interfaces:** Providing flexibility in control inputs for diverse operational needs.
- **Support for a Wide Range of Motor Technologies:** Accommodating AC / DC servo, PMDC, stepper, linear direct drive and voice coil motors for increased versatility.



### Automation Engineer?

Are you an Automation Engineer navigating the complexities of working alongside multiple control architectures whilst striving for precision and efficiency? Look no further – Copley Controls is your answer.

Together with Servo Components and Systems in the UK, we explore why Copley Drives stand out as the ultimate solution for Automation Engineers, especially those in machine building environments and seeking the perfect OEM partner.



# Servo Components & Systems Ltd

In partnership with Servo Components & Systems to provide local support across the UK and Ireland

## YOUR PERFECT OEM PARTNER

For Automation Engineers in search of the perfect OEM partnership, Copley Controls delivers technical excellence tailored to your needs.

Servo Components and Systems provide local sizing, selection, commercial and engineering support for all customers in the UK and Ireland. Together we're the perfect OEM Partner.

Contact Servo Components and Systems today for more information

## RANGE OVERVIEW

Form Factor	Range	Axis Count	Motor Type	Comms	Supply Voltage	Output Current (RMS)	Ruggedised Option
Panel Mount	Xenus (Plus)	Single or Dual Axis	Brushless / PMDC / Linear Motor / Voicecoil		100-240 Vac (1 or 3ph)	6 – 40 A	Yes
	Accelnet (Plus)	Single or Dual Axis	Brushless / PMDC / Linear Motor / Voicecoil		14 – 180 Vdc	3- 30 A	Yes
	Junus	Single Axis	PMDC		20 – 180 Vdc	5- 30 A	No
	StepNet	Single or Dual Axis	Stepper		14 – 90 Vdc	5 – 10 A	No
PCB	Nano	Single Axis	Brushless / PMDC		9 – 180 Vdc	5 – 70 A	No
	Integrated Drive	Single Axis	Brushless / Voicecoil		14 – 55 Vdc	7.5 – 30 A	No
	Accelnet (Plus) Micro	Single Axis	Brushless / PMDC / Linear Motor / Voicecoil		9 – 180 Vdc	7 – 50 A	Yes
	Argus (Plus)	Single Axis	Brushless / PMDC / Linear Motor / Voicecoil / Stepper		9 – 90 Vdc	30 – 60 A	Yes
	StepNet Micro	Single Axis	Stepper		20 – 75 Vdc	2 – 4A	Yes
	StepNet 4 Axis	4 Axis	Stepper		14 – 55 Vdc	3A	No
	M Series	3 or 4 Axis	Brushless / PMDC / Linear Motor / Voicecoil		14 – 90 Vdc	3 – 10 A	No

- CANopen
- EtherCAT
- Macro
- Ethernet/IP
- ModBus/TCP
- DeviceNet
- Serial RS232
- Serial RS422 (Ruggedised Versions only)

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