

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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TA310 LINEAR DRIVE

The Trust Automation TA310 Linear Drive is a linear three phase servo motor amplifier designed to drive a brushless motor with up to 340W of power. The TA310 is an excellent solution for small rotary or linear brushless motors in high precision positioning applications and systems requiring ultra quiet driving power, where low noise operation is essential. The TA310 is optimized for both sinusoidal and trapezoidal output. However, unlike standard PWM (switcher-type) amplifiers, the trapezoidal output is smoothed to minimize cogging. This flexibility enables the engineer to provide a clean linear solution for the most demanding motion control applications. The TA310 can be operated in voltage (velocity) mode or current (torque) mode, selected via user accessible DIP switch.



GET A QUOTE

VOLTAGE	CURRENT
DC: 24-48V	Peak: 8A

Robust linear amplifier, providing quiet and smooth power to brushless motors.

TECHNICAL ADVANTAGES

- Digital on-the-fly gain control (DTS)
- Over-temperature protection
- 170W continuous/340W peak
- Integral forced-air cooling
- Very low electrical noise
- Sinusoidal or trapezoidal operation

APPLICATIONS

- X-Y Stages

DOWNLOAD SPECIFICATIONS

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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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