



TRUSTTM
AUTOMATION, INC.

143 Suburban Road, Bldg. 100
San Luis Obispo, CA. 93401
Phone: 805.544.0761
FAX: 805.544.4621
www.TrustAutomation.com

For information contact:

Dave Rennie
Trust Automation
805.269.0768
dave.ennie@trustautomation.com

For Immediate Release

New High Power Linear Drive, Pure Analog Throughput for Very High Motor Resolution

San Luis Obispo, CA – 6 Jun 2009 – The TA333 High Power Linear Drive is the newest addition to the Trust Automation line of high performance drives. The TA333 drive features a true Class-AB linear amplifier with pure analog throughput at currents up to 25A. Highly configurable, the drive can be used with a brushless motor using external sinusoidal commutation, with an internally commutated brushless motor with Hall Effect sensor feedback for smooth trapezoidal operation, a 2-phase stepper motor, or up to two voice coil motors. The drive is ideal for applications such as very high resolution inspection systems, metrology instruments, and medical applications. The TA333 is ideal for overcoming issues such as high inertia mismatched stages and low inductance motors.

The TA333 is easily configured for AC and DC, brushless and brush servo motors, as well as linear actuators. This flexibility allows integration with the latest developments in sinusoidal motor control and its benefits of zero cogging, no torque ripple, and smooth motion. The TA333 linear drive is well-suited for applications requiring extremely low electrical noise, making it ideal for integration in or near systems that have noise sensitive circuitry, such as transducers and sensors.

Compact, measuring just 14.9 in. (37.9 mm) X 7.7 (19.5 mm) X 4.7 (11.9 mm), the TA333 has integral thermally controlled variable speed forced air cooling, a housing designed to protect against operator injury, easily made connections using ribbon connectors, SMB coaxial connectors, and pluggable-terminal connectors, demonstrating Trust Automation's commitment to operator safety, quiet environment, and ease of integration.

About Trust Automation

Since 1990, Trust Automation provides motion control products and engineering services for the needs of many industries. Examples of these products and services are: Stand-alone motion and machine controllers, Linear Servo Amplifiers, SynqNet I/O and bridge products, Brushed and Brushless Rotary Motors and Engineering services covering Mechanical, Electrical, Software and System aspects of machine design. Our products reflect quality, robust performance, and ease-of-use; a refinement attained over many years of helping Original Equipment Manufacturers meet and exceed their goals.

Trust Automation provides comprehensive Engineering services to a broad range of industries including semiconductor equipment manufacturing, medical, entertainment, automotive, and military/aerospace. Our in-the-field experience with leading companies in these industries gives us the knowledge and experience to help you solve today's cutting edge, real world challenges, challenges that must be solved by new ideas; new ideas that Trust Automation transforms into the Smart Solutions of tomorrow.

Trust Automation's headquarters is in San Luis Obispo, on California's Central Coast.