



Applied Motion Products
404 Westridge Drive
Watsonville, CA 95076
www.applied-motion.com
1-800-525-1609

Marketing Contact:
Eric Rice
erice@applied-motion.com

For Immediate Release

Applied Motion Products Customizes Integrated Motor to Increase Package Handling Flexibility of New Innovative Conveyor System

Watsonville, CA...November 8, 2018...[Applied Motion Products](http://www.applied-motion.com) customized an integrated stepper motor package that offered a single motion control solution for an innovative conveyor system that saved on space, wiring, and cost over conventional motor and drive solutions.

Capable of handling packages in a variety of configurations, the innovative conveyor system needed a motor and actuator assembly that could position as rapidly as the analog control system updating target position every 4 msec. In addition, the motor needed to have the flexibility to address changing requirements for alignment, sorting, and singulation for different industry applications such as food processing, beverage handling, baking and industries.

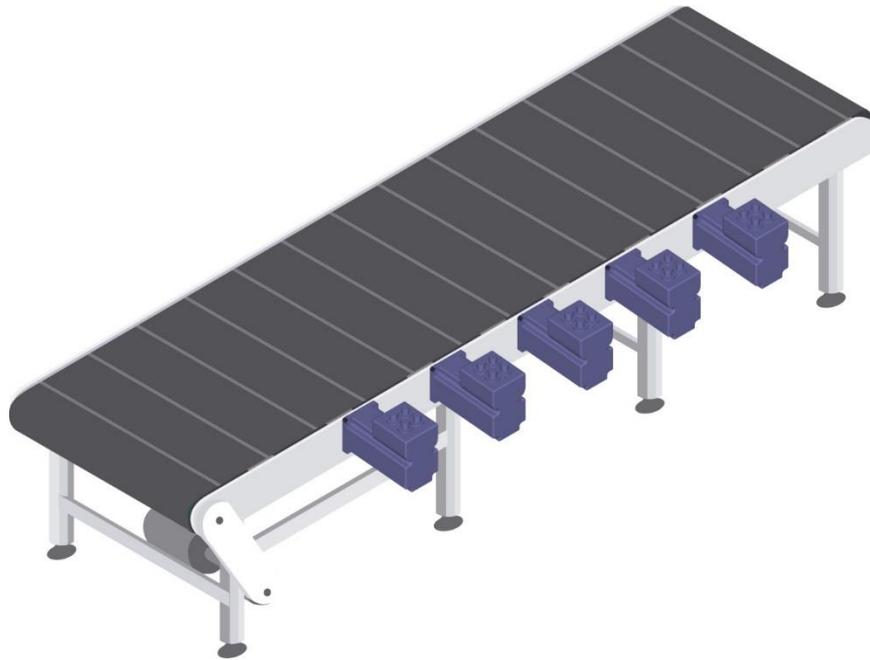


Applied Motion designed the STM/SWM integrated stepper motor package with the efficient and flexible positioning required by the conveyor system. Combining a motor, drive and control in one package, the STM/SWM incorporates an encoder with capabilities for automatic stall detection and prevention. The built-in encoder provides feedback to the integrated controller on the motor's actual position and closes the feedback loop to avoid limitations associated with stepper systems.

Q Programmer™ motion control software incorporated into the STM/SWM integrated stepper motor package enables easy configuration of motor operation to match requirements of different conveyor applications. On-board EtherNet/IP communications of the integrated stepper motors replace noisy analog control signals with a digital signal, eliminating the need to run long signal wires from as many as 100 motors to a central PLC and allowing the conveying equipment to perform at high speeds with high precision not affected by noise.

Include Contact information

For more Information on Applied Motion motors and drives, visit <https://www.applied-motion.com/products> . Or contact Applied Motion Products by completing the online [contact form](#) or calling 1-800-525-1609.



About Applied Motion Products

Applied Motion Products specializes in high-precision, cost-effective motion control products including stepper and servo motors, drives, controllers, gearheads, and power supplies. The company serves a diverse industrial and OEM customer base with both standard and customized products. With in-depth motor and control expertise, Applied Motion Products works with customers from initial concept and design through finished product and production to provide the best motion control solutions to a range of markets. Find out more at <https://www.applied-motion.com/> or contact the company at 1-800-525-1609.