



Specialty Applications Speed Following

Overview

Pro Series Speed Following is an option now available on all new Pro Series feeders/dispensers. Speed Following enables you to automatically adjust the speed of the feeder/dispenser in relation to the speed of the conveyor. As a result, the product is accurately placed onto the conveyor regardless of speed changes, minimizing damage while maintaining product control at varying conveyor speeds.

The Speed Following option will be displayed as a menu item in the I-Quipped intelligent control system of Pro Series feeders/dispensers. Included with the Speed Following option is an encoder module which can be mounted to the drive shaft of the conveyor in various configurations. The encoder is then connected to the feeder/dispenser with a cable (also included).



Speed Following feature as shown in the menu display



Encoder module shown mounted to a conveyor shaft

Technical Description

The encoder detects the speed of the conveyor in real-time and communicates it to the feeder/dispenser. The speed at which products leave the feeder/dispenser are then automatically and continuously adjusted.

This allows for greater accuracy of product placement at varying speeds. Once the conveyor speed is determined (estimated or actual), an easy-to-use operator setup will enable the Speed Following feature.