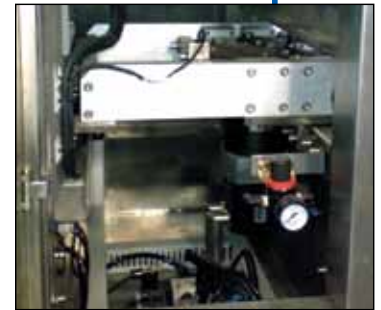


Customer: **Form Fill Seal Machine Manufacturer**

Application: **Form Fill Seal Machine**

Product Used: **PositionServo Drive**



PositionServo Seals the Deal

Two **PositionServo** drives with Lenze synchronous motors are used to provide top-notch accuracy on the latest Form Fill Seal Machine.

A Form Fill Seal machine manufacturer utilized the pairing of a **Lenze-AC Tech PositionServo** drive and a Lenze synchronous motor in his latest packaging machine with great success.

Form Fill Seal (FFS) machines are used for the automatic packaging of solid material like peanuts, popcorn, sugar and cereal. The type of packaging varies by product and includes: pillow, gusset and vacuum bags as well as bags with a tear strip. The width and length of the packaging also vary making it vital that the FFS machine operate with consistent accuracy to provide efficient packaging with minimal loss.

This FFS manufacturer uses two **PositionServo** drives, each connected to a Lenze motor. One drive controls the positioning of the packaging film, the other controls the positioning of the sealing arms. The **PositionServo's** 64-bit motion control and internal programmed logic deliver highly accurate positioning every time. This precise accuracy is vital because even the slightest inaccuracy could lead to an improperly sealed bag and the loss of product.

The **PositionServo** drive and motor combination provided a cost effective solution for this manufacturer's dynamic positioning requirements. In addition, this powerful duo provides flexible, high speed and clean-cut performance yielding a well sealed package. Utilizing a Lenze motor reduces the cost of the system package and ensures the drive-motor compatibility. Plus adding the Modbus module makes communication and control of the **PositionServo** drive simple.



Benefits of the PositionServo

- Precise Positioning Capability
- Modbus RTU Communication
- Cost-Effective Servo Drive & Motor System Intuitive Setup & Programming
- MotionView OnBoard Integrated Software



PositionServo